INTELLIGENT FLOW FOR GOOD

LEO GROUP PUMP CO., LTD.
LEO GROUP PUMP (ZHEJIANG) CO., LTD.

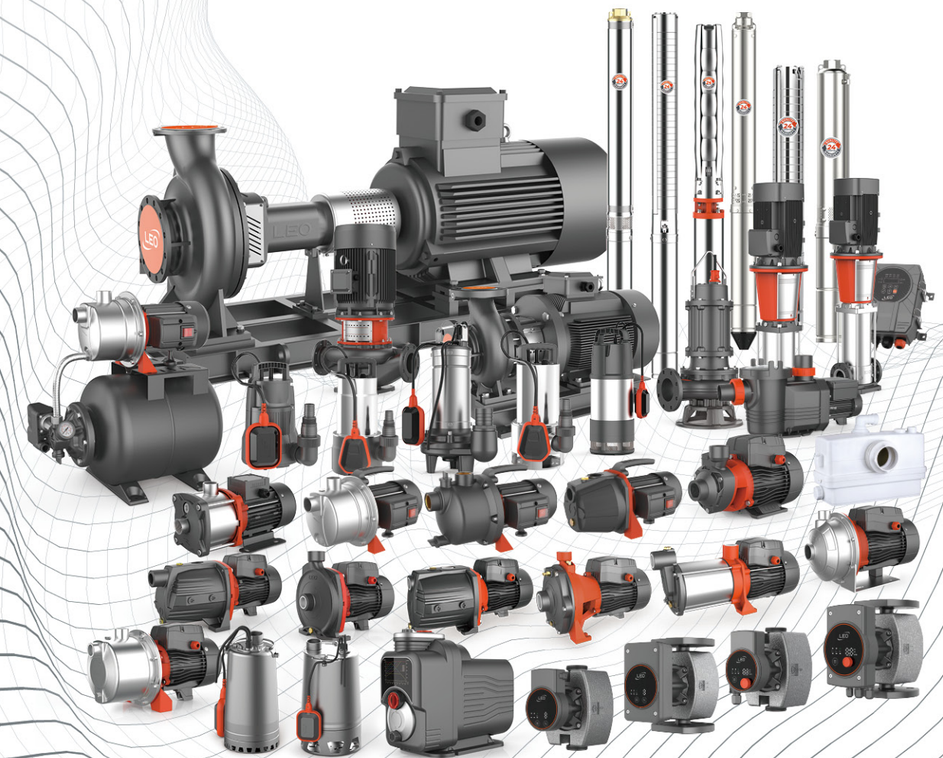
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www.leopump.com



Intelligent Flow For Good

LEO Pump, founded in 1995, is your global-leading partner for smart fluid solutions, engaging in R&D, manufacturing, sales, and service of all categories of pumps & systems. With our technological innovation in major segments including domestic, commercial, garden, industrial, and solar pumping, LEO customizes pump and system solutions for global users. We commit to helping people around the world benefit from intelligent fluid solutions, achieve green transformation for individuals, corporations, and governments, and promote high-quality economic growth and sustainable social development. LEO's innovations have brought changes to more than 160 countries and regions. It's not just a water pump company, but a story of building a better world with intelligent flow.

Foundation Year

1995
Founded Wenling City Xinke Pump Research Institute

Burst Year

2001
Founded Taizhou LEO Electrical Appliances Co.,Ltd.

2007
Got Listed In Shenzhen Stock Exchange (Stock Code 002131)

Upgrade Year

2010
Founded LEO Group Pump (Hunan) Through The Acquisition Of Changsha Swan Industrial Pump Stepped Into The Field Of Industrial Pump Field

2012
Founded LEO Group Pump (Dalian) Through The Acquisition Of Dalian Huaneng Power Plant Achieved A Full Coverage Of Pumping Industry Fields

Transformation Year

2015
Enrolled In 2015 Intelligent Manufacturing Project List Of Miit

2017
Awarded "Green Factory" Demonstration Enterprise

Endeavour Year

2022
Won The China Patent Excellence Award Listed Top 500 Chinese Manufacturers

2023
Launch The New Upgrade LEO Brand Strategy, Form Solution Provider Business Pattern

LEO WORLD



- Production Bases
- Overseas Subsidiaries
- Sales Network

LEO IN NUMBERS

5
Production Bases

8
Overseas Subsidiaries

6,00 0,000 +
Pumps Produced Yearly

160+
Countries and Regions

6,000 +
Employees

600,000 m²+
Production base covered area


Production Bases - LEO China: Domestic and Commercial Pumps


Production Bases - LEO China: Industrial Pumps


Production Bases - LEO China: Industrial Pumps


Production Bases - LEO Hungary


Production Bases - LEO Indonesia

QUALITY MANAGEMENT SYSTEM

- **ISO9001:2015** Quality management system
- **IS014001:2015** Environmental management system Certificate
- **ISO45001:2018** Occupational health & safety Management system certification
- **ISO50001: 2018** Energy management system certifficate
- **CE. GS. UL. CSA** and **ETL** qualification

ISO 9001

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TEC | TECS

LEO High Efficiency Intelligent Glandless Circulator Pump

A high-efficiency permanent magnet canned pump designed for heat pump and HVAC systems, delivering smarter and more energy-efficient operation

- High Efficiency & Energy - Saving
- Intelligent Operation
- User-Friendly
- Smart Control
- Enjoy Quiet Comfort
- Safe & Reliable

CE ERP RoHS EMC CQC

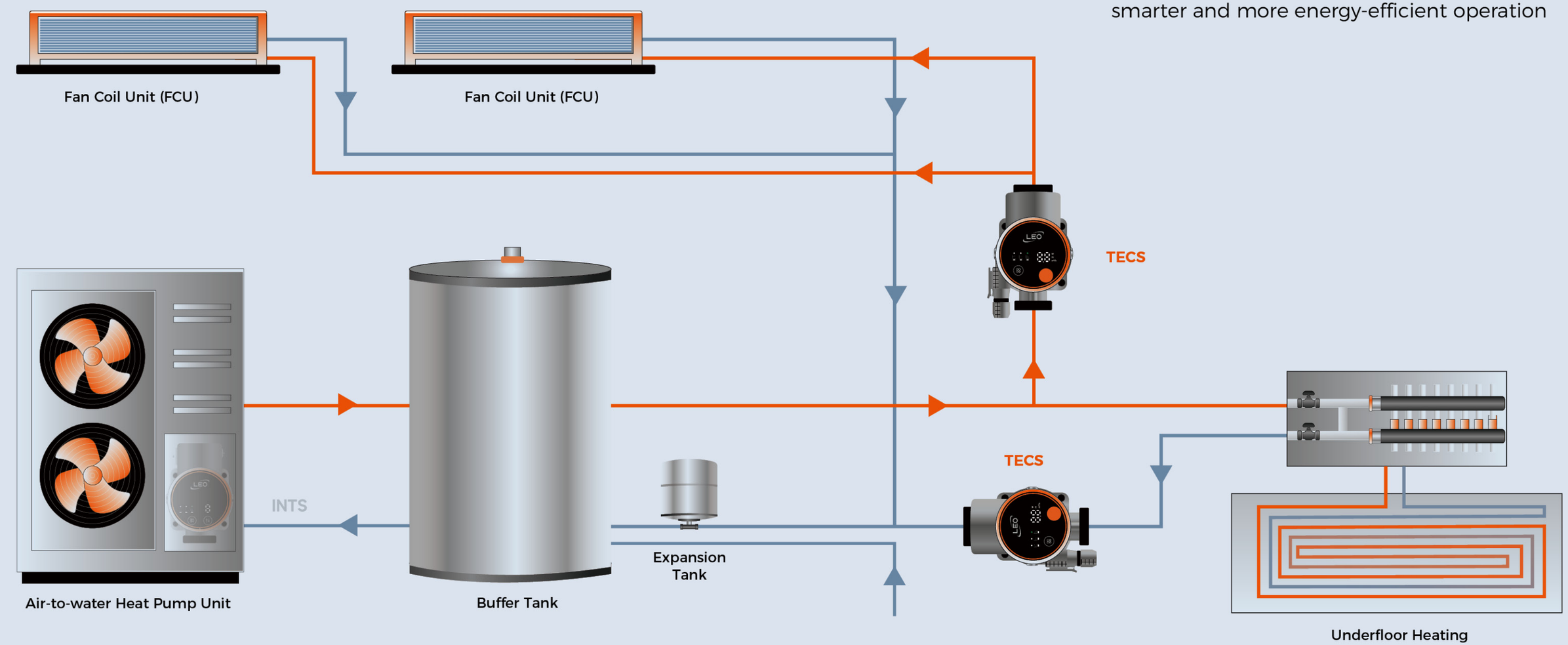
LEO

LEO High Efficiency Intelligent **Glandless Circulator Pump**

TEC | TECS

A high-efficiency permanent magnet canned pump designed for heat pump and HVAC systems, delivering smarter and more energy-efficient operation

Air-to-water Heat Pump Dual-Supply System



For further information about INT / INTS products, please refer to the corresponding product manual.

Next-Generation Intelligent & High-Efficiency Heat Pump System Solution



Product Overview

- Specifically designed for heat pump and HVAC systems, the compact structure and integrated pre-configured functions ensure easy installation and operation. It is compatible with multiple standards and interfaces, offering high flexibility for installation and replacement. Equipped with a permanent magnet variable frequency canned motor, it delivers high efficiency and energy savings, intelligent operation, user-friendly design, smart control, quiet comfort, and reliable safety.

Applications

- Underfloor Heating
- Heating System
- HVAC/Ventilation System
- Heating & Cooling System
- Fan Coil Unit (FCU)
- DHW Circulation

Materials

- Pump Body: Cast Iron
- Impeller: Engineering Plastic
- Pump Shaft: Stainless steel (with DLC coating) or alumina ceramic
- Bearing: Graphite

Features

- High-efficiency permanent magnet synchronous motor with integrated controller
- Featuring a seal-less pump design with threaded or flanged connection options
- Leo-Connector for quick electrical connection
- Pump housing with wrench flats for easy installation
- Built-in air vent device

Operating Conditions

- Liquid Temperature: -10˚C ~ +95˚C
- Ambient Temperature: -10˚C ~ +40˚C
- Power Supply: 1~230V, 50/60Hz
- Protection Class: IPX4D
- Insulation Class: F
- Max. Working Pressure: 10 bar
- Pumped Media: Suitable for water with hardness < 14˚dH or up to 50% glycol solution. The liquid must be clean and non-corrosive (such as clean water or softened water). The addition of any chemical agents that may affect pump performance is strictly prohibited.

Identification Codes

Tec s 32 / 11 - 220 F

- None– Threaded Connection (Cast Iron)
  F – Flanged Connection (Cast Iron)
  N – Threaded Connection (Stainless Steel)
- Inlet-to-Outlet Distance (mm)
- Max. Head (m)
- Nominal Diameter (mm)
- “S” Indicates Plus Version
- Small / Medium Power Retail Version

Key Advantages

High Efficiency & Energy-Saving

Equipped with a high-efficiency permanent magnet ECM motor, achieving EEI as low as 0.18, exceeding the latest EU ErP requirements.

Intelligent Operation

Integrated with multiple operating modes, including Constant Pressure Mode (△ P-C), Variable Differential Pressure Mode (△ P-V), and Constant Speed Mode (n-constant). Intelligent operation enables adaptation to a wider range of application scenarios.

User-Friendly

Features an intuitive human-machine interface with LEO intelligent knob technology, ensuring sensitive adjustment and precise control. Equipped with an LED display for clear and visualized operating status.

Smart Connectivity & Precision Control

Supports multiple communication protocols such as PWM and LIN-BUS, enabling external control and algorithm-based optimization for precise energy utilization.

Enjoy Quiet Comfort

Permanent magnet canned water-cooled design eliminates the need for a cooling fan, with noise levels as low as 40 dB for quiet operation.

Safe & Reliable

Integrated multiple protection functions, including the protection for dry-run, stall, over/under-voltage, over current, and phase-loss protection for reliable operation.

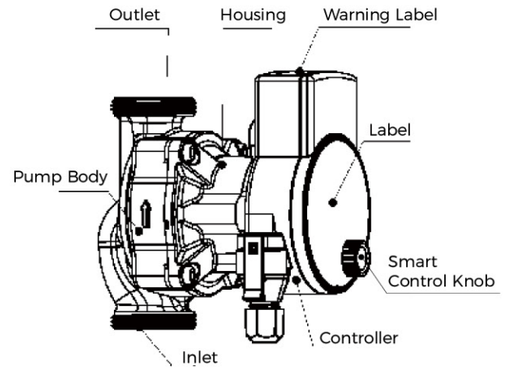
TEC Glandless Circulator

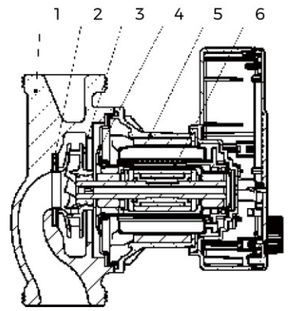
Product Information - TEC

Model	Power	Voltage	Max. Flow	Max. Head	EEI	Inlet/Outlet	Inlet and Outlet Distance	Part No.	Price
	W	V	m^3/h	m			mm		€
Tec15/4-130	20		3	4	0.18	G1×G1	130	5049918003	193.27
Tec25/4-130	20		3	4	0.18	G1.5×G1.5	130	5049929003	194.03
Tec25/4-180	20		3	4	0.18	G1.5×G1.5	180	5049936003	194.82
Tec30/4-130	20		3	4	0.18	G2×G2	130	5049944003	195.18
Tec30/4-180	20		3	4	0.18	G2×G2	180	5049952003	195.58
Tec15/6-130	40		4	6	0.2	G1×G1	130	5049959004	193.27
Tec25/6-130	40		4	6	0.2	G1.5×G1.5	130	5049967004	194.03
Tec30/6-130	40		4	6	0.2	G2×G2	130	5049975003	195.18
Tec25/6-150N	40		4	6	0.2	G1.5×G1.5	150	5049983003	197.09
Tec25/6-180	40		4	6	0.2	G1.5×G1.5	180	5049993004	194.82
Tec30/6-180	40		4	6	0.2	G2×G2	180	5049922004	195.58
Tec15/7-130	50		4.3	7	0.2	G1×G1	130	5049932003	193.27
Tec25/7-130	50		4.3	7	0.2	G1.5×G1.5	130	5049940003	194.03
Tec25/7-180	50	220-240	4.3	7	0.2	G1.5×G1.5	180	5049947003	194.82
Tec30/7-130	50		4.3	7	0.2	G2×G2	130	5049955004	195.18
Tec30/7-180	50		4.3	7	0.2	G2×G2	180	5049962004	195.58
Tec15/8-130	75		4.5	8	0.2	G1×G1	130	5049970003	203.20
Tec25/8-130	75		4.5	8	0.2	G1.5×G1.5	130	5049978003	204.35
Tec25/8-180	75		4.5	8	0.2	G1.5×G1.5	180	5049987003	204.71
Tec30/8-130	75		4.5	8	0.2	G2×G2	130	5049995003	205.47
Tec30/8-180	75		4.5	8	0.2	G2×G2	180	5049920003	205.86
Tec15/9-130	87		5.3	9	0.2	G1×G1	130	5049927003	203.20
Tec25/9-130	87		5.3	9	0.2	G1.5×G1.5	130	5049934003	204.35
Tec25/9-180	87		5.3	9	0.2	G1.5×G1.5	180	5049943004	204.71
Tec30/9-130	87		5.3	9	0.2	G2×G2	130	5049951004	205.47
Tec30/9-180	87		5.3	9	0.2	G2×G2	180	5049958005	205.86

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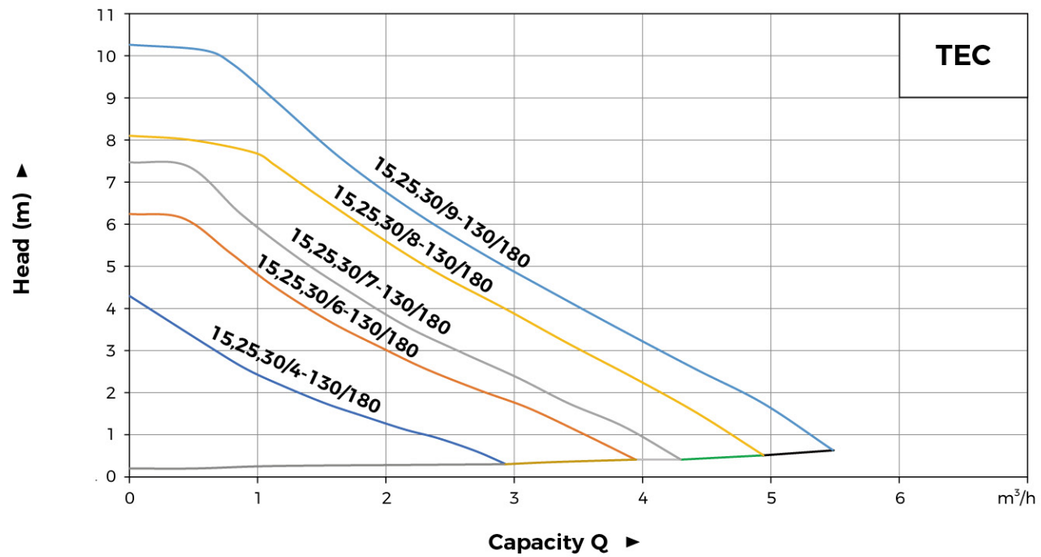
Product Structure - TEC





No.	Part	Material	No.	Part	Material
1	Pump Body	Cast Iron	4	Bracket Cover Assembly	Stainless Steel
2	Pump Body Insert	Stainless Steel	5	Housing	Die-Cast Aluminum Alloy
3	Impeller	High-Performance Engineering Plastic	6	Stator Can	Stainless Steel

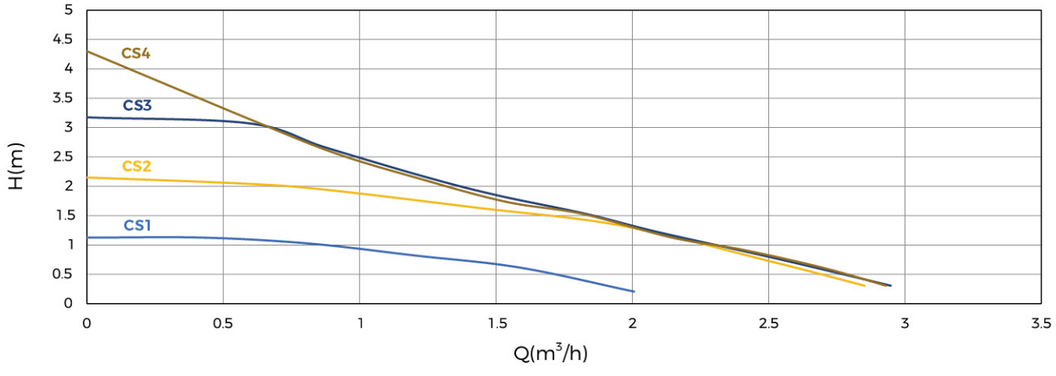
Product Range - TEC



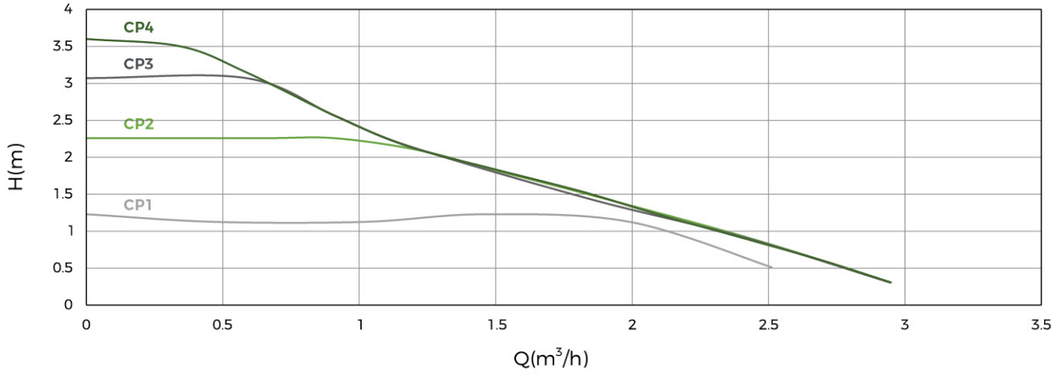
Hydraulic Performance Curves - TEC

(CS – Constant Speed Mode, CP – Constant Differential Pressure Mode, PP – Proportional Differential Pressure Mode)

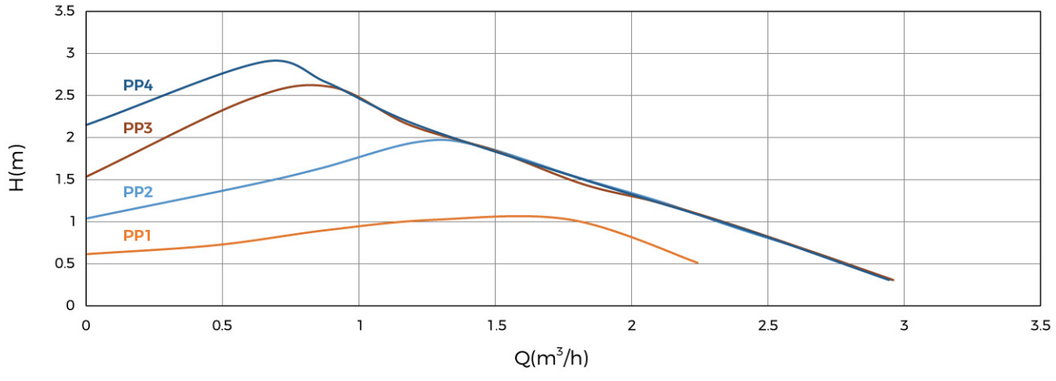
Tecxx/4-xx (Q-H)



Tecxx/4-xx (Q-H)



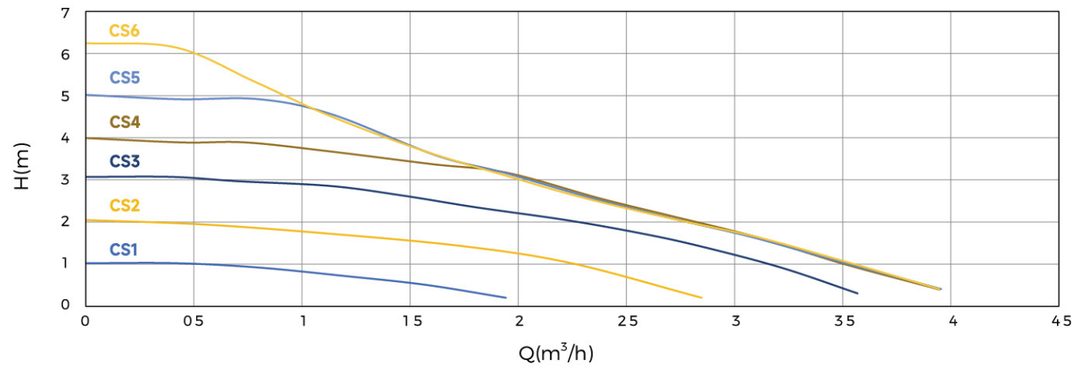
Tecxx/4-xx (Q-H)



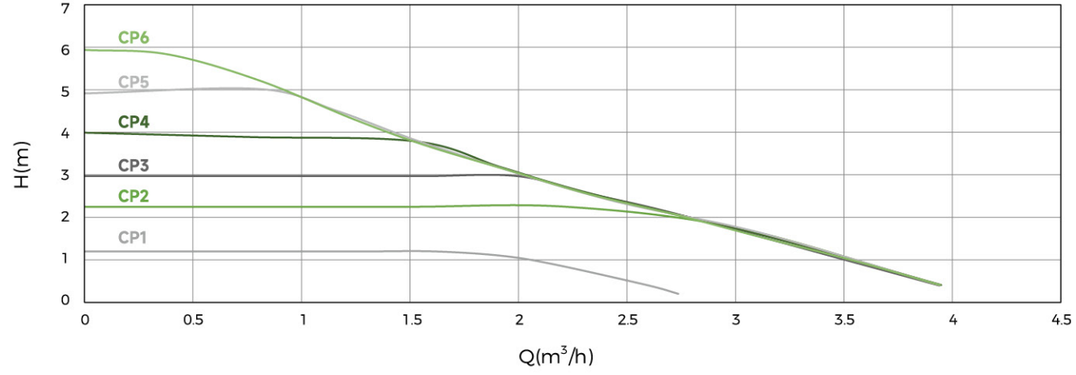
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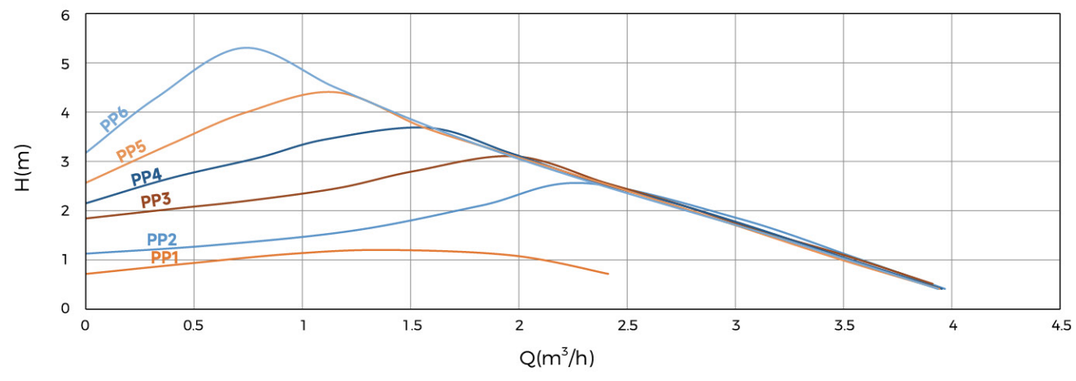
Tecxx/6-xx (Q-H)



Tecxx/6-xx (Q-H)



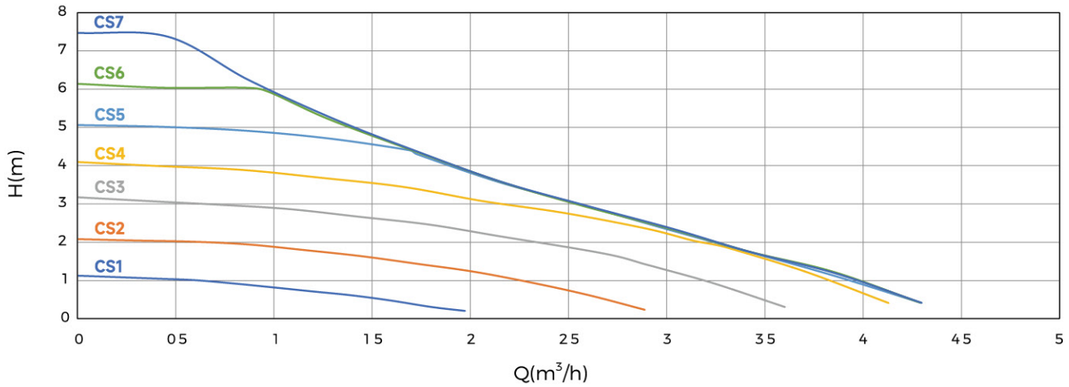
Tecxx/6-xx (Q-H)



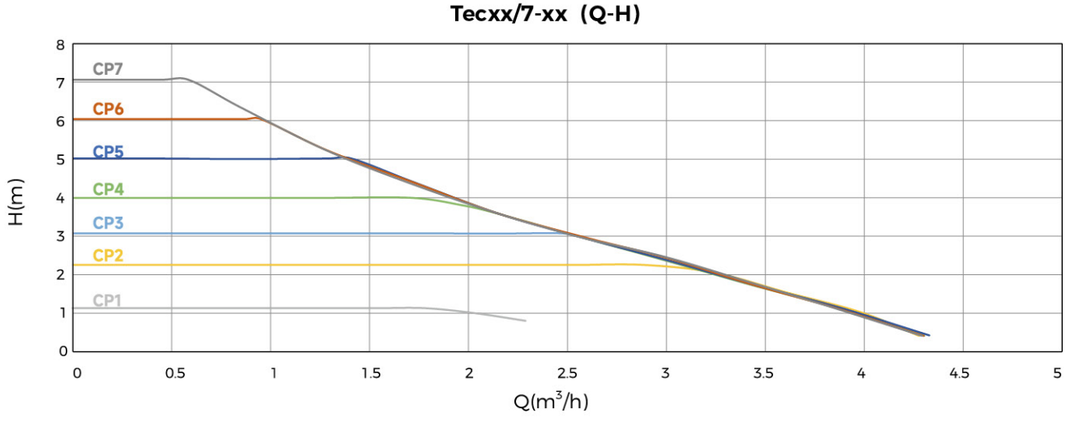
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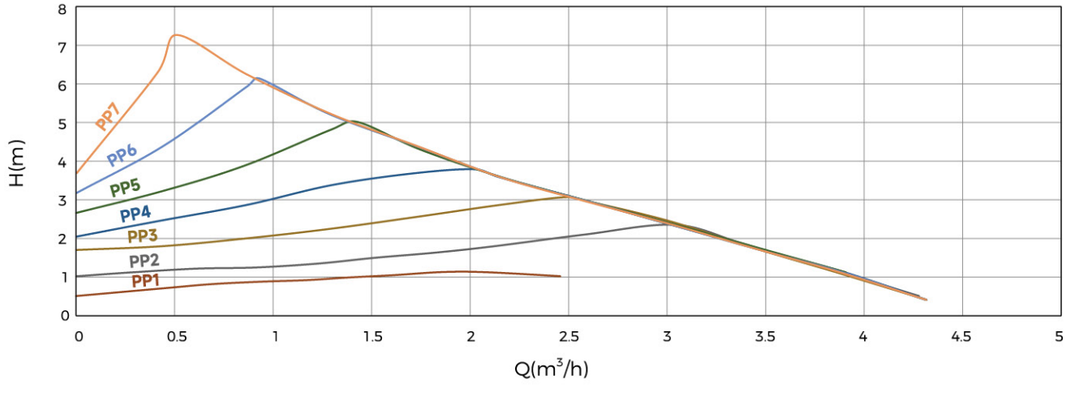
Tecxx/7-xx (Q-H)



Tecxx/7-xx (Q-H)



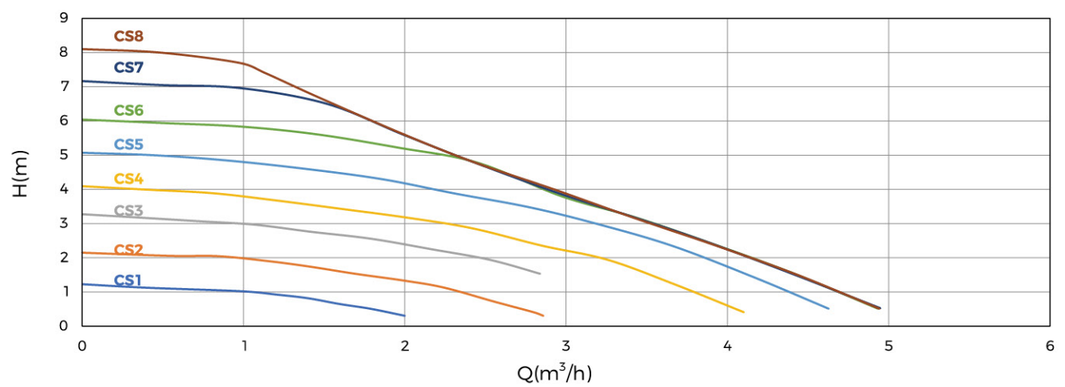
Tecxx/7-xx (Q-H)



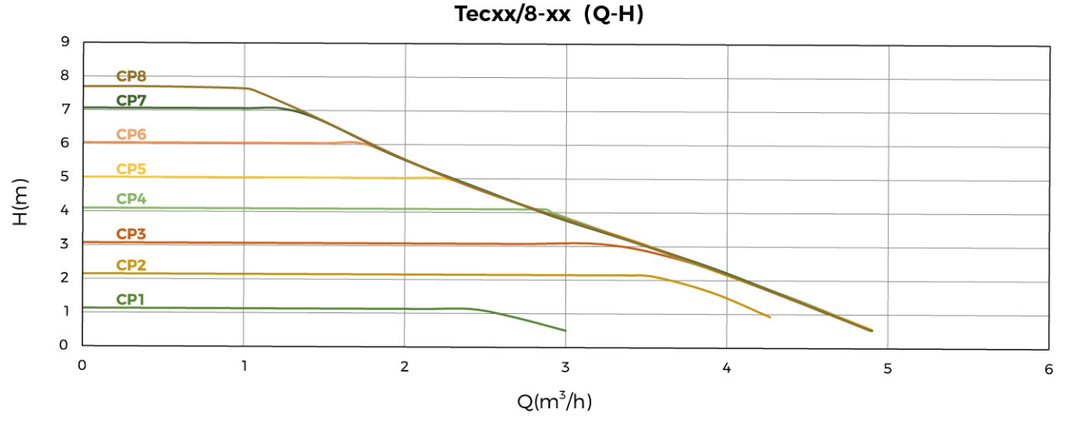
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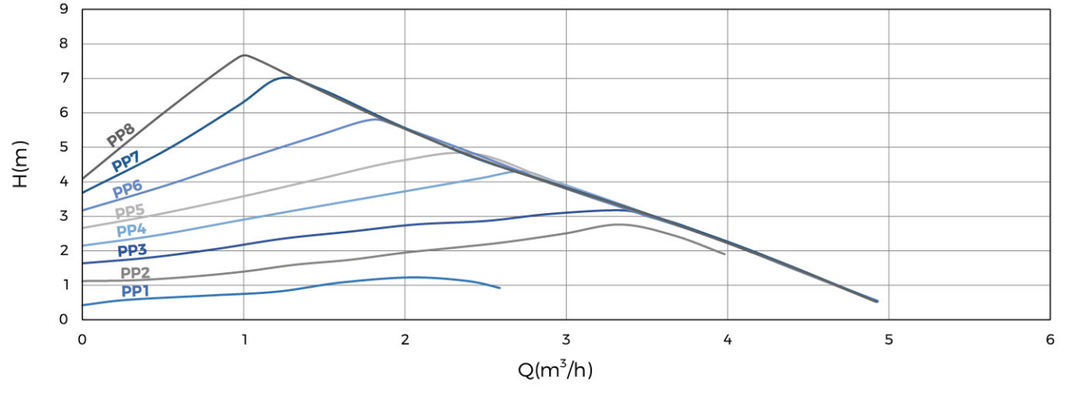
Tecxx/8-xx (Q-H)



Tecxx/8-xx (Q-H)



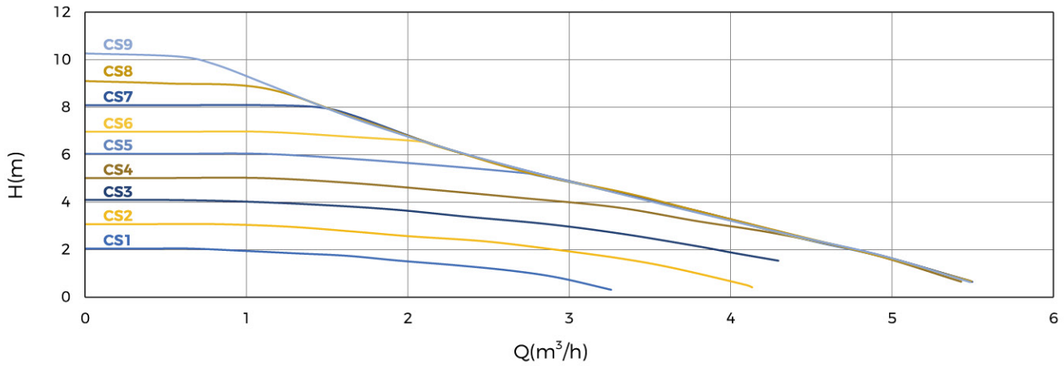
Tecxx/8-xx (Q-H)



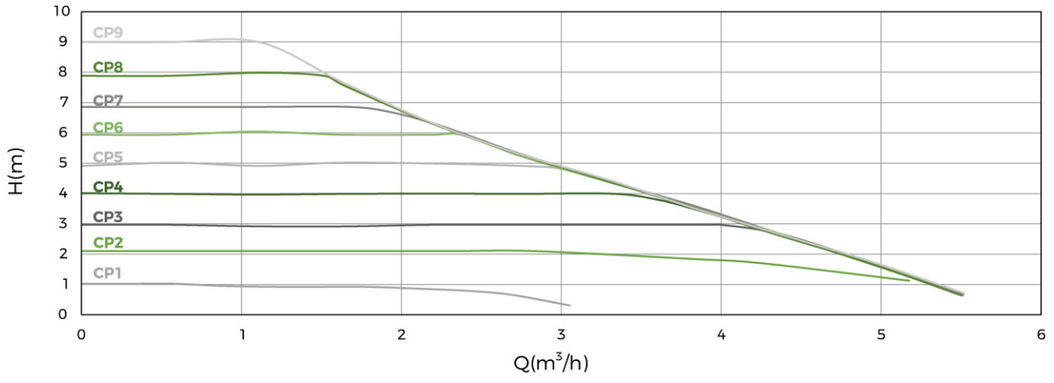
Hydraulic Performance Curves - TEC

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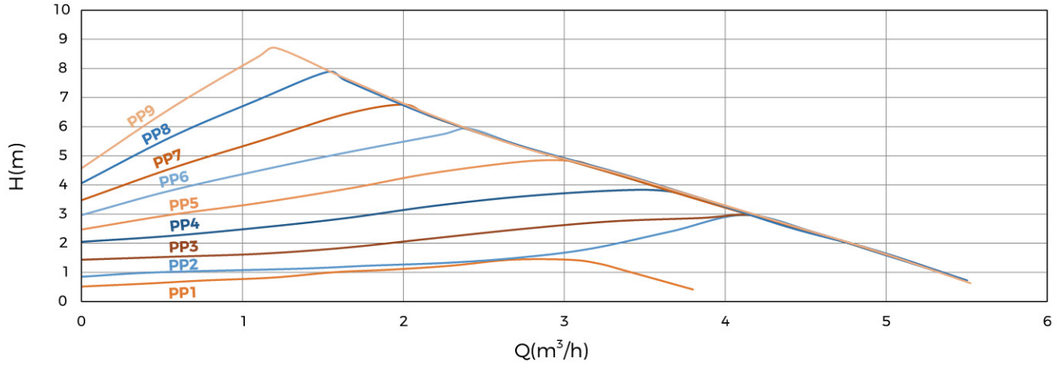
Tecxx/9-xx (Q-H)



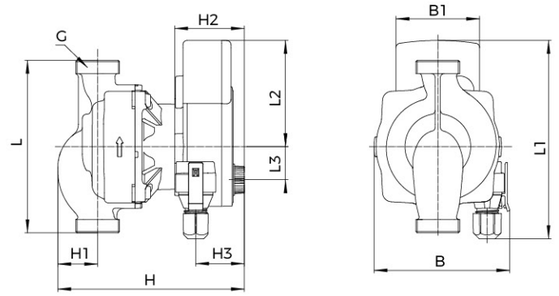
Tecxx/9-xx (Q-H)



Tecxx/9-xx (Q-H)



Overall Dimensions - TEC



Model	Overall Dimensions (mm)											Weight (kg)	
	L	L1	L2	L3	B	B1	H	H1	H2	H3	G	N.W.	G.W.
Tec15/4-130	130	150	80	25	103	63	141	30	52.5	37	G1	1.8	2.1
Tec25/4-130	130	150	80	25	103	63	141	30	52.5	37	G1.5	1.9	2.3
Tec25/4-180	180	150	80	25	103	63	141	30	52.5	37	G1.5	2.1	2.4
Tec30/4-130	130	150	80	25	103	63	141	30	52.5	37	G2	2.1	2.4
Tec30/4-180	180	150	80	25	103	63	141	30	52.5	37	G2	2.2	2.6
Tec15/6-130	130	150	80	25	103	63	141	30	52.5	37	G1	1.8	2.1
Tec25/6-130	130	150	80	25	103	63	141	30	52.5	37	G1.5	1.9	2.3
Tec30/6-130	130	150	80	25	103	63	141	30	52.5	37	G1.5	2.1	2.4
Tec25/6-150N	150	150	80	25	103	63	141	30	52.5	37	G1.5	2.1	2.4
Tec25/6-180	180	150	80	25	103	63	141	30	52.5	37	G2	2.1	2.4
Tec30/6-180	180	150	80	25	103	63	141	30	52.5	37	G2	2.2	2.6
Tec15/7-130	130	150	80	25	103	63	141	30	52.5	37	G1	1.8	2.1
Tec25/7-130	130	150	80	25	103	63	141	30	52.5	37	G1.5	1.9	2.3
Tec25/7-180	180	150	80	25	103	63	141	30	52.5	37	G1.5	2.1	2.4
Tec30/7-130	130	150	80	25	103	63	141	30	52.5	37	G2	2.1	2.4
Tec30/7-180	180	150	80	25	103	63	141	30	52.5	37	G2	2.2	2.6
Tec15/8-130	130	150	80	25	103	63	153	30	52.5	37	G1	1.9	2.3
Tec25/8-130	130	150	80	25	103	63	153	30	52.5	37	G1.5	2	2.4
Tec25/8-180	180	150	80	25	103	63	153	30	52.5	37	G1.5	2.2	2.6
Tec30/8-130	130	150	80	25	103	63	153	30	52.5	37	G2	2.2	2.5
Tec30/8-180	180	150	80	25	103	63	153	30	52.5	37	G2	2.3	2.7
Tec15/9-130	130	150	80	25	103	63	153	30	52.5	37	G1	1.9	2.3
Tec25/9-130	130	150	80	25	103	63	153	30	52.5	37	G1.5	2	2.4
Tec25/9-180	180	150	80	25	103	63	153	30	52.5	37	G1.5	2.2	2.6
Tec30/9-130	130	150	80	25	103	63	153	30	52.5	37	G2	2.2	2.5
Tec30/9-180	180	150	80	25	103	63	153	30	52.5	37	G2	2.3	2.7

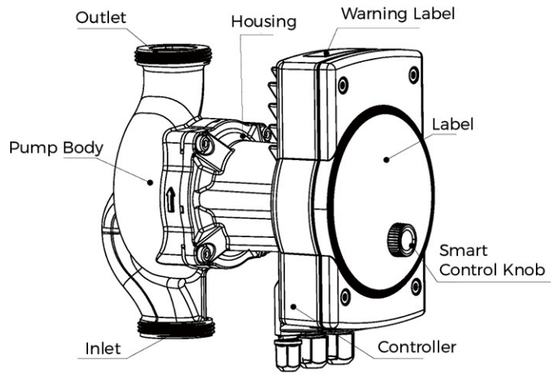
TECS Glandless Circulator

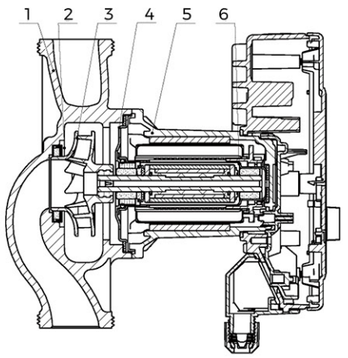
Product Information - TECS

Model	Power	Voltage	Max. Flow	Max. Head	EEI	Inlet/Outlet	Inlet and Outlet Distance	Part No.	Price
	W	V	m^3/h	m			mm		€
Tecs25/8-130	128	220-240	9	8	0.2	G1.5×G1.5	130	5049928003	254.66
Tecs25/8-180	128		9	8	0.2	G1.5×G1.5	180	5049935004	259.63
Tecs30/8-180	128		9	8	0.2	G2×G2	180	5049942004	260.74
Tecs32/8-220F	128		9	8	0.2	DN32×DN32	220	5050060003	279.05
Tecs40/8-220F	128		9	8	0.2	DN40×DN40	220	5050061003	283.62
Tecs25/10-130	195		10	10	0.2	G1.5×G1.5	130	5049968003	271.42
Tecs25/10-180	195		10	10	0.2	G1.5×G1.5	180	5049976003	275.99
Tecs30/10-180	195		10	10	0.2	G2×G2	180	5049984004	277.14
Tecs32/10-220F	195		10	10	0.2	DN32×DN32	220	5050050003	295.45
Tecs40/10-220F	195		10	10	0.2	DN40×DN40	220	5050051004	300.01
Tecs25/11-130	134		6.5	11	0.2	G1.5×G1.5	130	5049931003	252.76
Tecs25/11-180	134		6.5	11	0.2	G1.5×G1.5	180	5049937003	253.51
Tecs30/11-180	134		6.5	11	0.2	G2×G2	180	5049946004	254.66
Tecs32/11-220F	134		6.5	11	0.2	DN32×DN32	220	5050052003	277.54
Tecs40/11-220F	134		6.5	11	0.2	DN40×DN40	220	5050053003	282.50
Tecs25/15-130	200		7.5	15	0.2	G1.5×G1.5	130	5052092003	268.76
Tecs25/15-180	200		7.5	15	0.2	G1.5×G1.5	180	5052093003	270.27
Tecs30/15-180	200		7.5	15	0.2	G2×G2	180	5052094004	271.42
Tecs32/15-220F	200		7.5	15	0.2	DN32×DN32	220	5052095003	294.30
Tecs40/15-220F	200		7.5	15	0.2	DN40×DN40	220	5052096004	299.26

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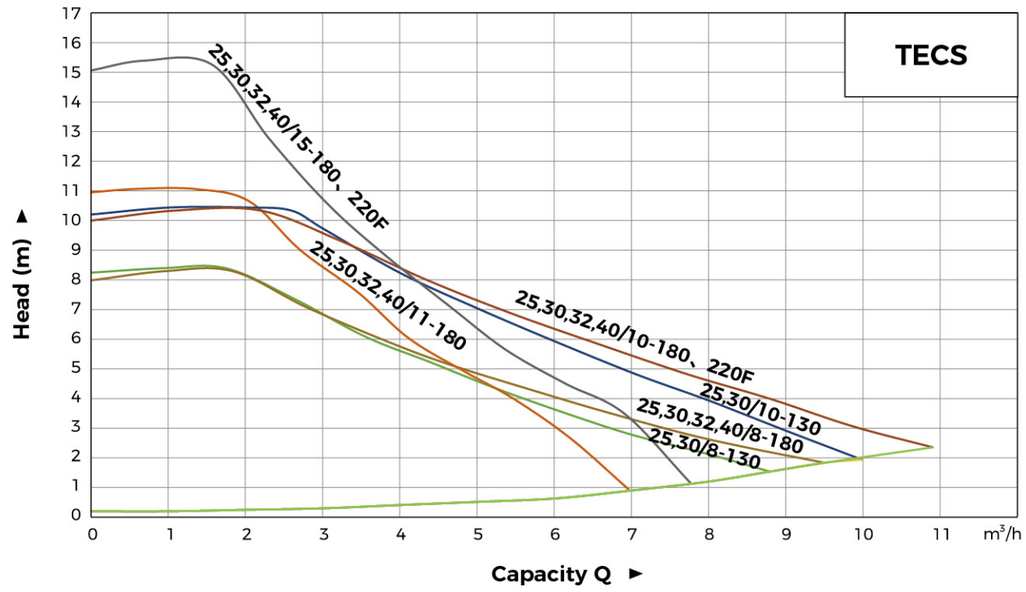
Product Structure - TECS





No.	Part	Material	No.	Part	Material
1	Pump Body	Cast Iron	4	Bracket Cover Assembly	Stainless Steel
2	Pump Body Insert	Stainless Steel	5	Housing	Die-Cast Aluminum Alloy
3	Impeller	High-Performance Engineering Plastic	6	Stator Can	Stainless Steel

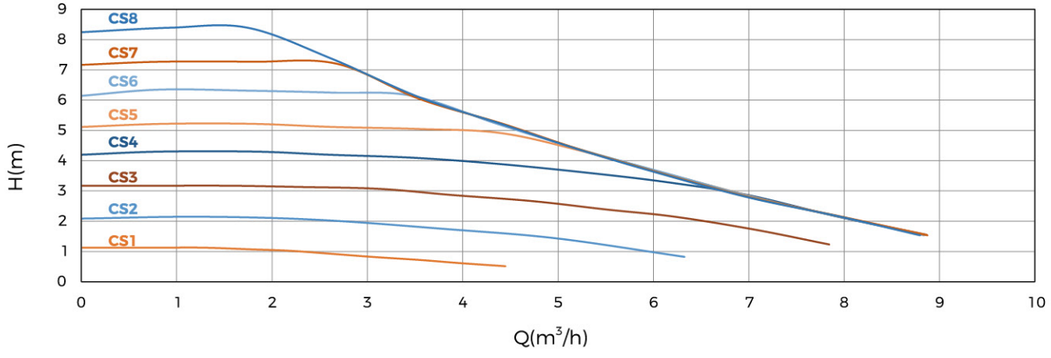
Product Range - TECS



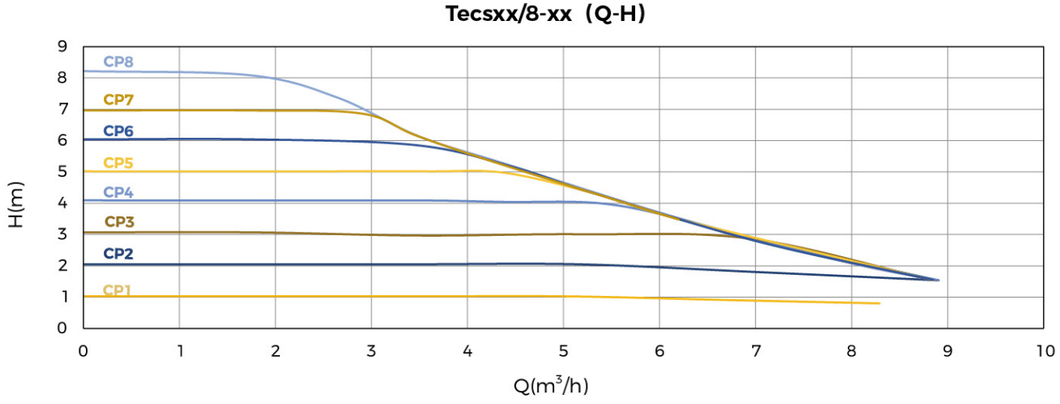
Hydraulic Performance Curves - TECS

(CS – Constant Speed Mode, CP – Constant Differential Pressure Mode, PP – Proportional Differential Pressure Mode)

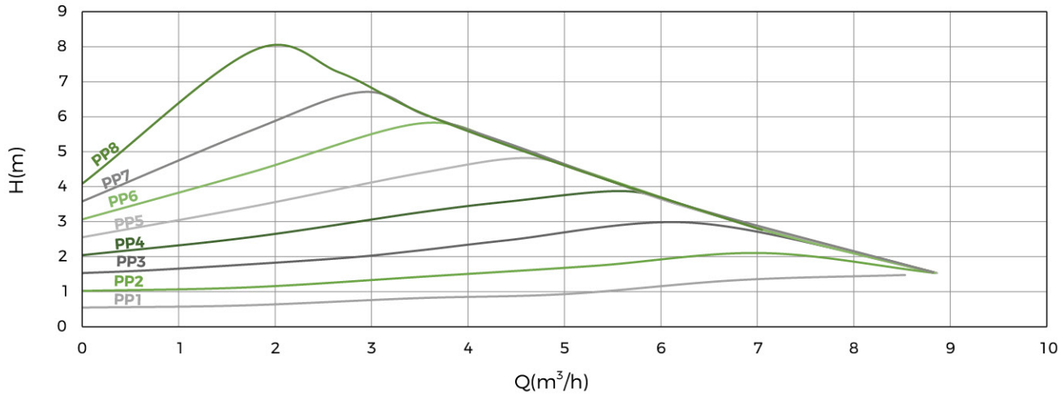
Tecsxx/8-xx（Q-H)



Tecsxx/8-xx（Q-H)



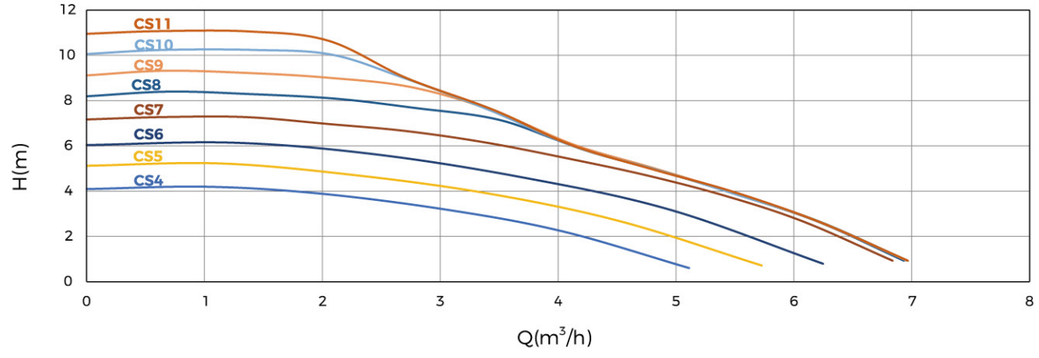
Tecsxx/8-xx（Q-H)



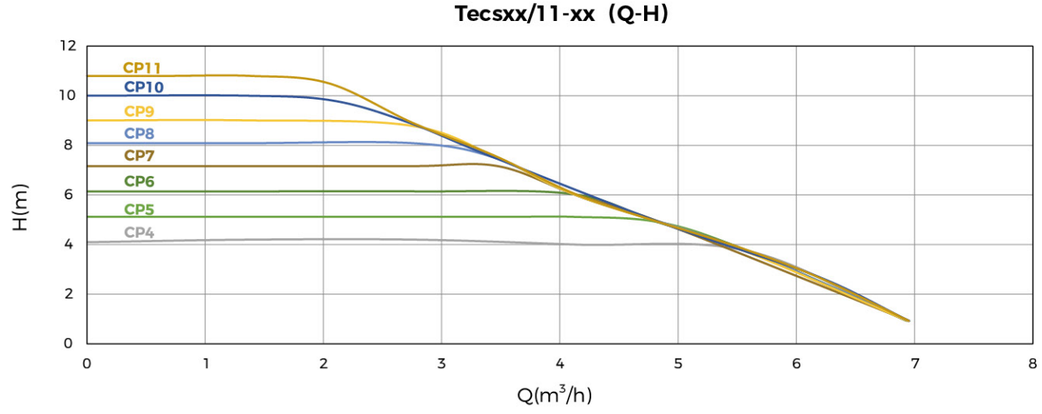
Hydraulic Performance Curves - TECS

(CS – Constant Speed Mode, CP – Constant Differential Pressure Mode, PP – Proportional Differential Pressure Mode)

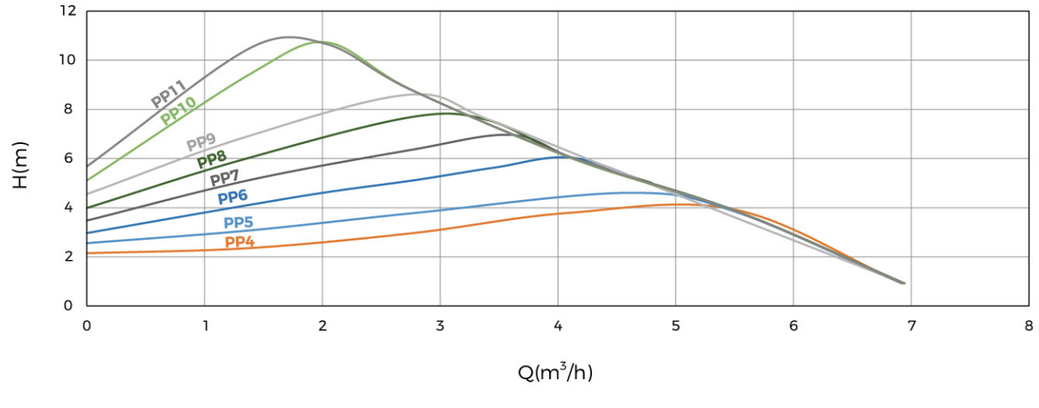
Tecsxx/11-xx（Q-H)



Tecsxx/11-xx（Q-H)



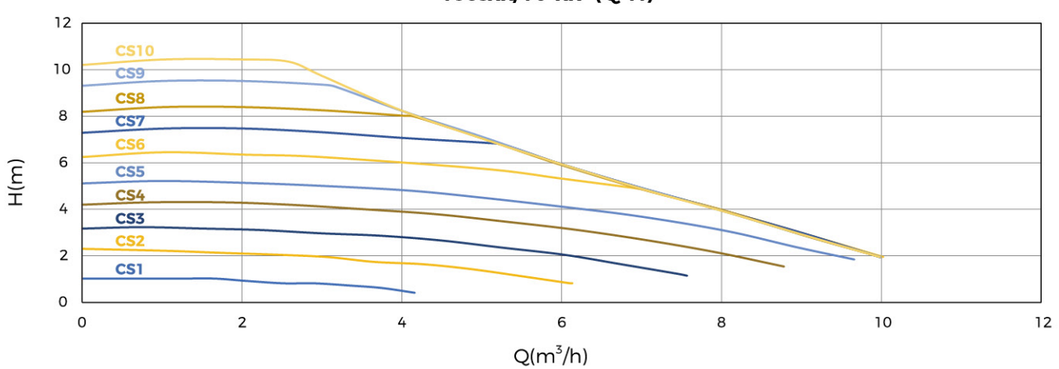
Tecsxx/11-xx（Q-H)



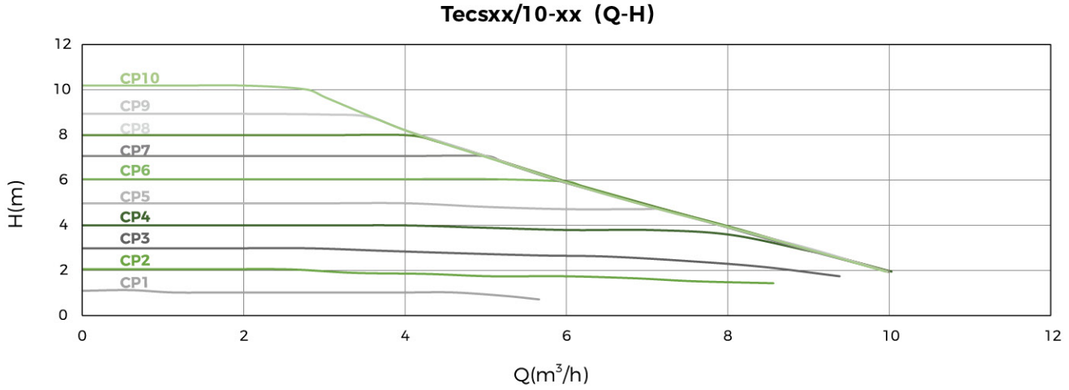
Hydraulic Performance Curves - TECS

(CS – Constant Speed Mode, CP – Constant Differential Pressure Mode, PP – Proportional Differential Pressure Mode)

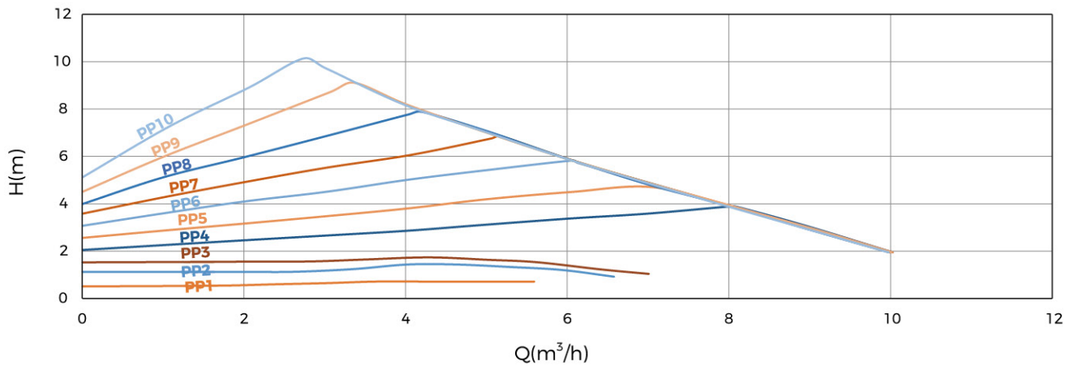
Tecsxx/10-xx (Q-H)



Tecsxx/10-xx (Q-H)



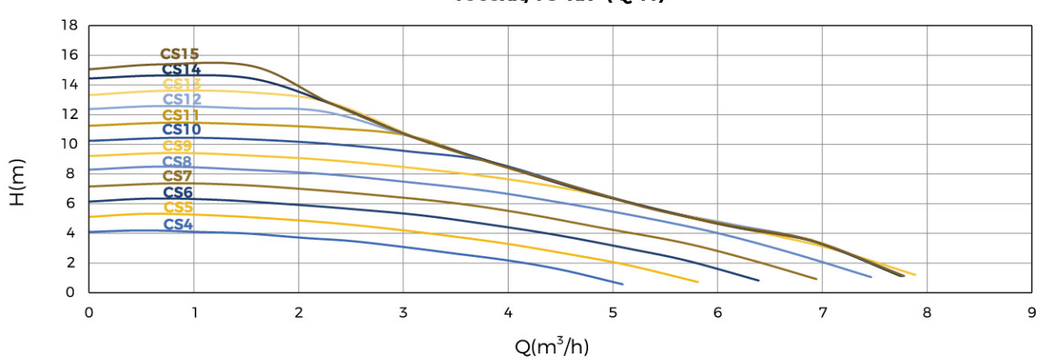
Tecsxx/10-xx (Q-H)



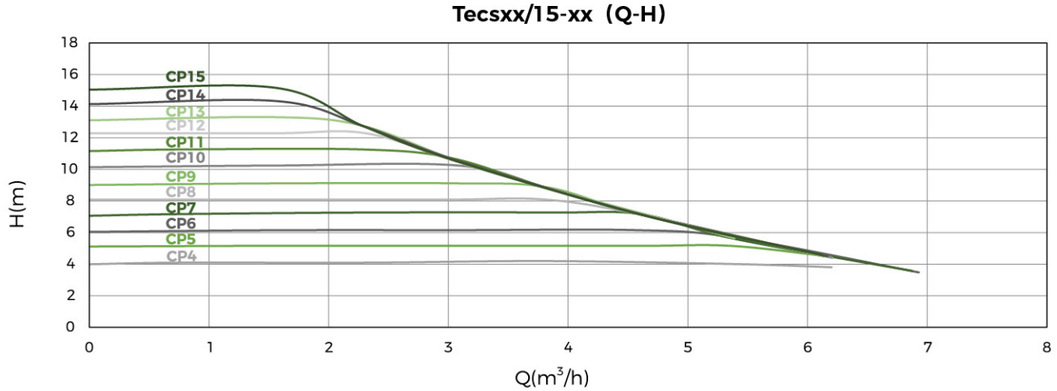
Hydraulic Performance Curves - TECS

(CS – Constant Speed Mode, CP – Constant Differential Pressure Mode, PP – Proportional Differential Pressure Mode)

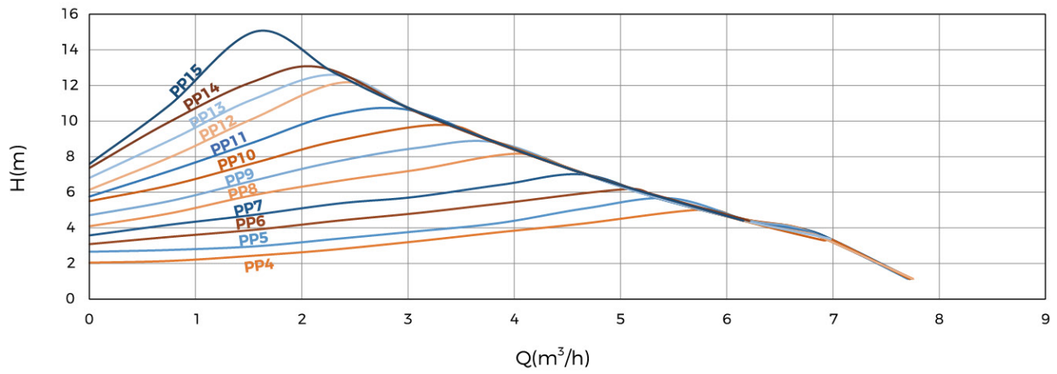
Tecsxx/15-xx (Q-H)



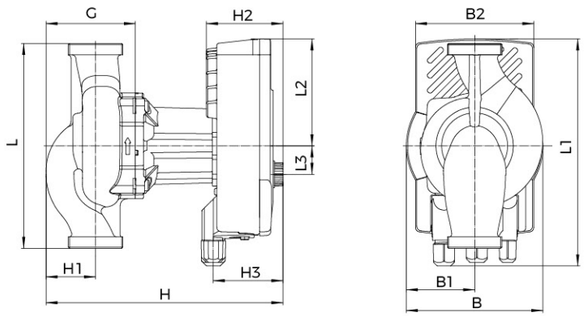
Tecsxx/15-xx (Q-H)



Tecsxx/15-xx (Q-H)

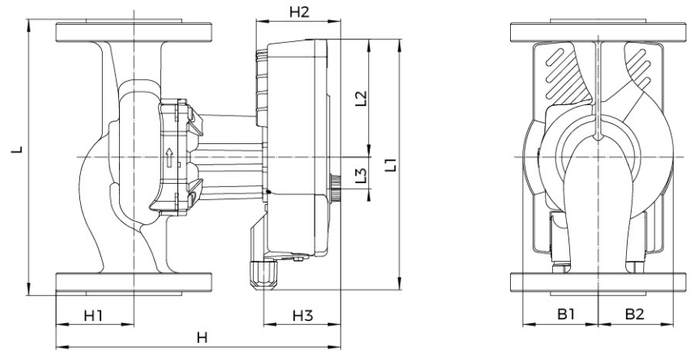


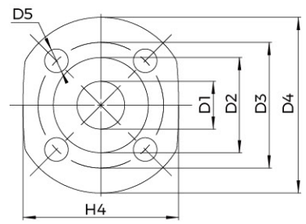
Overall Dimensions - TECS



Model	Overall Dimensions (mm)												Weight (kg)	
	L	L1	L2	L3	B	B1	B2	H	H1	H2	H3	G	N.W.	G.W.
Tecs25/8-130	130	200	94	25	120	60	104	190	43.5	67	61	G1.5	2.8	3.3
Tecs25/8-180	180	200	94	25	120	60	104	190	43.5	67	61	G1.5	3.1	3.5
Tecs30/8-180	180	200	94	25	120	60	104	190	43.5	67	61	G2	3.2	3.6
Tecs25/10-130	130	200	94	25	120	60	104	208	43.5	67	61	G1.5	3.1	3.5
Tecs25/10-180	180	200	94	25	120	60	104	208	43.5	67	61	G1.5	3.3	3.8
Tecs30/10-180	180	200	94	25	120	60	104	208	43.5	67	61	G2	3.5	3.9
Tecs25/11-130	130	200	94	25	120	60	104	174	35.5	67	61	G1.5	2.6	3.1
Tecs25/11-180	180	200	94	25	120	60	104	174	35.5	67	61	G1.5	2.8	3.2
Tecs30/11-180	180	200	94	25	120	60	104	174	35.5	67	61	G2	3.2	3.7
Tecs25/15-130	130	200	94	25	120	60	104	192	35.5	67	61	G1.5	2.9	3.3
Tecs25/15-180	180	200	94	25	120	60	104	192	35.5	67	61	G1.5	3	3.5
Tecs30/15-180	180	200	94	25	120	60	104	192	35.5	67	61	G2	3.2	3.7

Overall Dimensions - TECS-F





Model	Overall Dimensions (mm)																Weigh (kg)	
	L	L1	L2	L3	B1	B2	H	H1	H2	H3	H4	D1	D2	D3	D4	D5	N.W.	G.W.
Tecs32/8-220F	220	200	94	25	60	60	209	62	67	61	124	38	76	100	140	19	6.2	6.7
Tecs40/8-220F	220	200	94	25	60	60	209	62	67	61	124	38	76	110	150	19	6.6	7.1
Tecs32/10-220F	220	200	94	25	60	60	227	62	67	61	124	38	76	100	140	19	6.4	7
Tecs40/10-220F	220	200	94	25	60	60	227	62	67	61	124	38	76	110	150	19	6.9	7.4
Tecs32/11-220F	220	200	94	25	60	60	201	62	67	61	124	38	76	100	140	19	5.8	6.4
Tecs40/11-220F	220	200	94	25	60	60	201	62	67	61	124	38	76	110	150	19	6.2	6.8
Tecs32/15-220F	220	200	94	25	60	60	219	62	67	61	124	38	76	100	140	19	6.1	6.7
Tecs40/15-220F	220	200	94	25	60	60	219	62	67	61	124	38	76	110	150	19	6.5	7

INT | INTS

LEO High Efficiency Intelligent Glandless Circulator Pump

Better Design Award

Engineered for HVAC & Heat pump OEM applications

High Efficiency & Energy - Saving

Smart & Precise Control

Compact and Refined

Flexible Installation

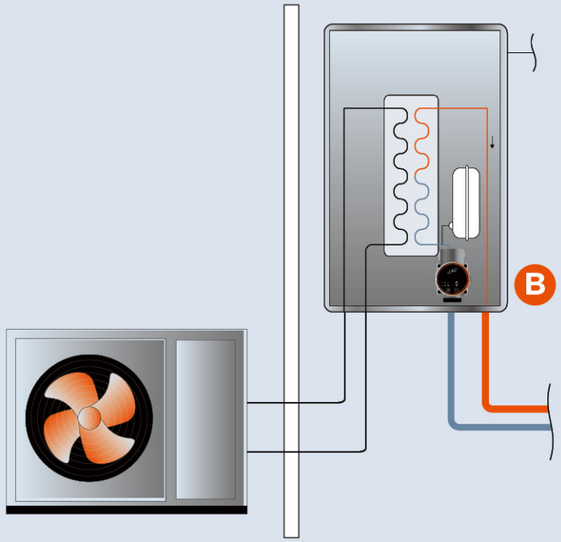
Safe & Reliable

Quiet Operation

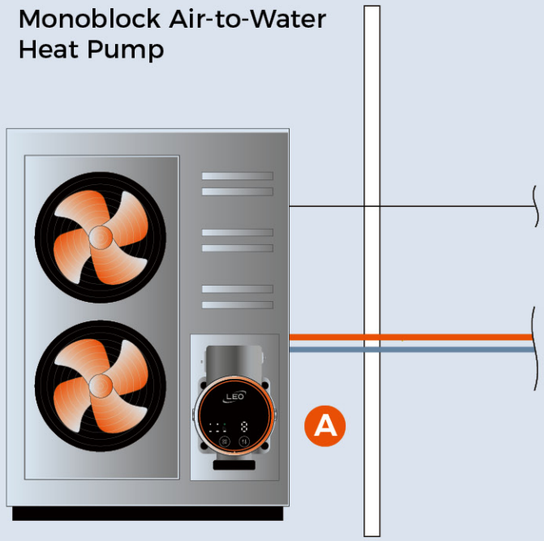


CE ERP RoHS EMC CQC

Split Air-to-Water Heat Pump

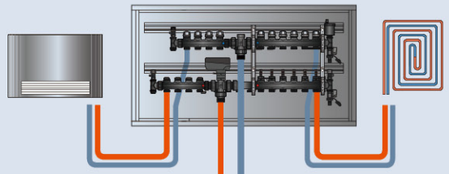


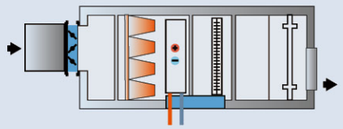
Monoblock Air-to-Water Heat Pump



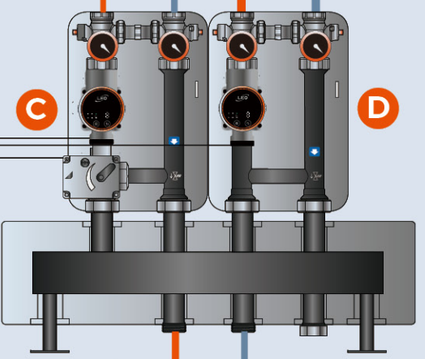
Manifold
(Supply & Return Manifold)

Air Handling Unit (AHU)

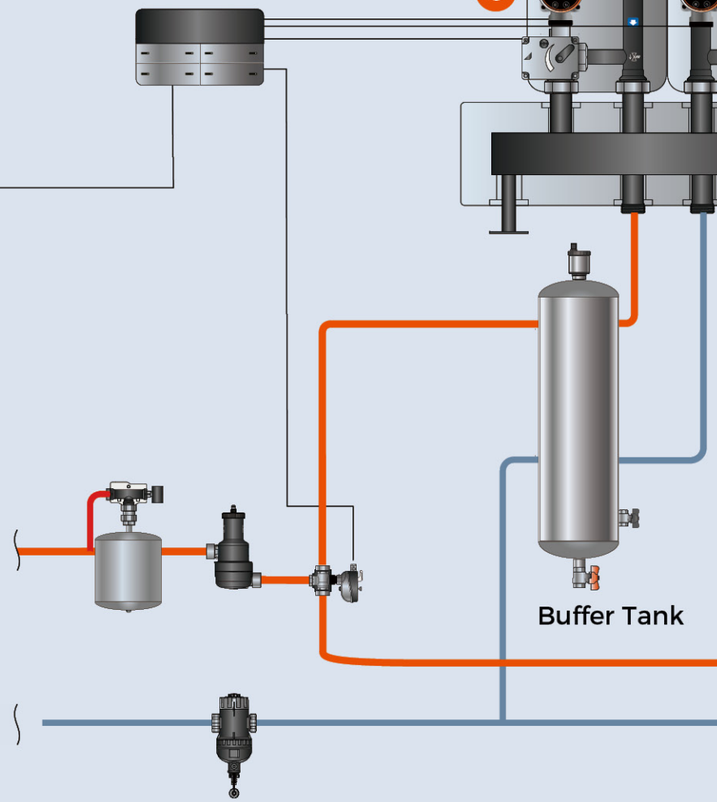




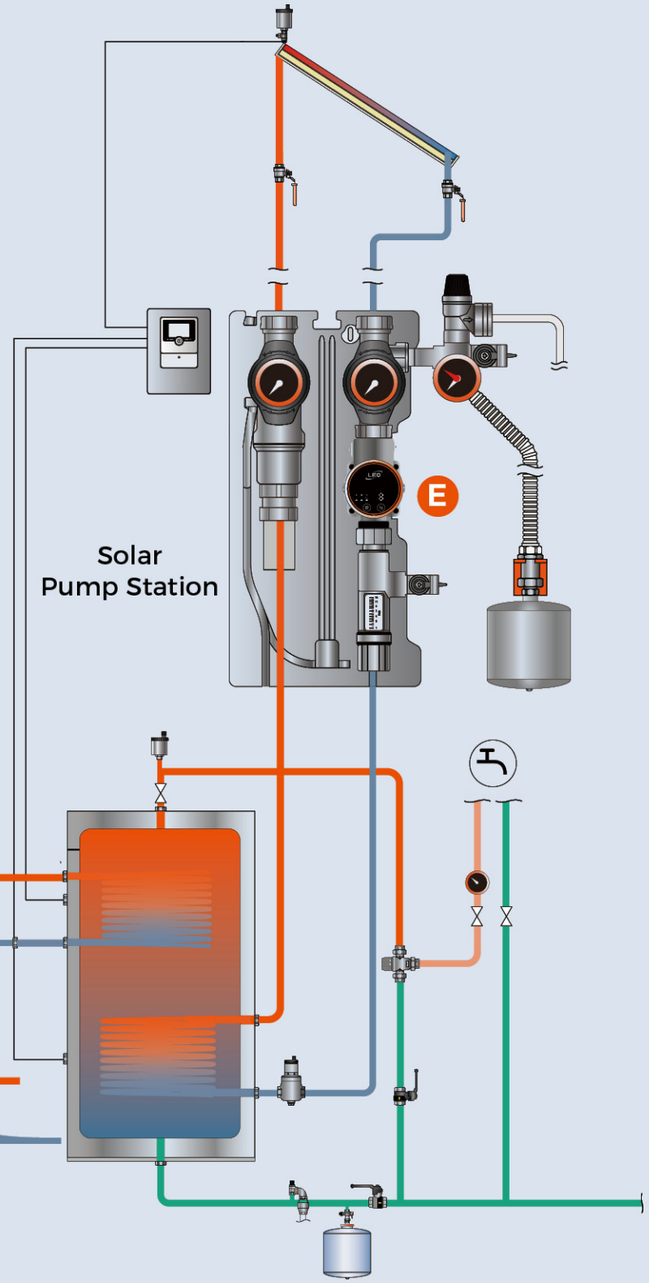
Central Control Panel



Mixing Unit



Buffer Tank



Solar
Pump Station

- A, B, C, D, and E can all be equipped with High Efficiency Intelligent Glandless Circulator Pumps

LEO HIGH EFFICIENCY INTELLIGENT GLANDLESS CIRCULATOR PUMP

Specially designed for heat pump and hydronic components integration

Reliable & Advanced OEM Solution



Product Overview

- Specifically engineered for primary-side applications in HVAC OEM heating and cooling systems, featuring an optimized integrated design that enables flexible installation across various scenarios while enhancing system efficiency and ease of deployment.

Applications

Air Source Heat Pumps

Hydraulic Component

Materials

- Pump Body: Cast Iron
- Impeller: Engineering Plastic
- Pump Shaft: Stainless steel (with DLC coating) or alumina ceramic
- Bearing: Graphite

Features

- High-efficiency permanent magnet synchronous motor with integrated controller
- Featuring a seal-less pump design with threaded or flanged connection options
- Leo-Connector for quick electrical connection
- Pump housing with wrench flats for easy installation
- Built-in air vent device

Operating Conditions

- Liquid Temperature: -10˚C ~ +95˚C
- Ambient Temperature: -10˚C ~ +40˚C
- Power Supply: 1~230V, 50/60Hz
- Protection Class: IPX4D
- Insulation Class: F
- Max. Working Pressure: 10 bar
- Pumped Media: Suitable for water with hardness < 14˚dH or up to 50% glycol solution. The liquid must be clean and non-corrosive (such as clean water or softened water). The addition of any chemical agents that may affect pump performance is strictly prohibited.

Identification Codes

Int s 32 / 10 - 220 F

- None– Threaded Connection (Cast Iron)
  F – Flanged Connection (Cast Iron)
  N – Threaded Connection (Stainless Steel)
- Inlet-to-Outlet Distance (mm)
- Max. Head (m)
- Nominal Diameter (mm)
- “S” Indicates Plus Version
- Small / Medium Power OEM Version

Key Advantages

High Efficiency & Energy-Saving

Equipped with a high-efficiency permanent magnet ECM motor, achieving EEI as low as 0.18, exceeding the latest EU ErP requirements.

Smart Connectivity & Precision Control

Supports multiple communication protocols such as PWM and LIN-BUS, enabling external control and algorithm-based optimization for precise energy utilization.

Compact & Robust Design

Compact and robust structure that saves installation space. Features high-sealing quick connectors for easy installation and replacement.

Flexible Installation

The control panel supports multi-directional installation, making it easy to adapt to the limited installation space inside heat pump units (pre-installed before delivery upon request).

Ultra-Quiet Operation

Permanent magnet canned water-cooled design eliminates the need for a cooling fan, with noise levels as low as 40 dB for quiet operation.

Safe & Reliable

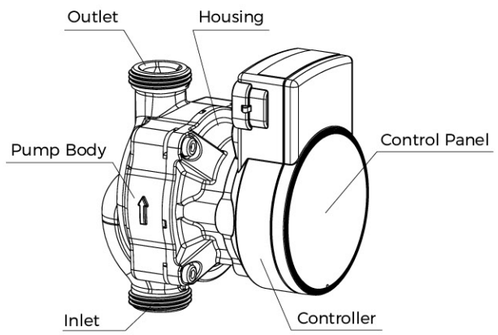
Integrated multiple protection functions, including the protection for dry-run, stall, over/under-voltage, over current, and phase-loss protection for reliable operation.

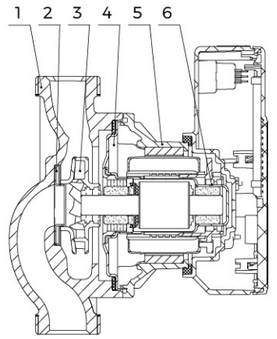
INT Glandless Circulator

Product Information - INT

Model	Power	Voltage	Max. Flow	Max. Head	EEI	Inlet/Outlet	Inlet and Outlet Distance	Part No.	Price
	W	V	m^3/h	m			mm		€
Int15/4-130	20		3	4	0.18	G1×G1	130	5049966003	On request
Int25/4-130	20		3	4	0.18	G1.5×G1.5	130	5049974003	On request
Int25/4-180	20		3	4	0.18	G1.5×G1.5	180	5049982003	On request
Int30/4-130	20		3	4	0.18	G2×G2	130	5049990003	On request
Int30/4-180	20		3	4	0.18	G2×G2	180	5049921003	On request
Int15/6-130	43		4	6	0.2	G1×G1	130	5049933004	On request
Int25/6-130	43		4	6	0.2	G1.5×G1.5	130	5049941004	On request
Int25/6-180	43		4	6	0.2	G1.5×G1.5	180	5049949004	On request
Int30/6-130	43		4	6	0.2	G2×G2	130	5049957003	On request
Int30/6-180	43		4	6	0.2	G2×G2	180	5049965004	On request
Int15/7-130	50		4.3	7	0.2	G1×G1	130	5049973003	On request
Int25/7-130	50		4.3	7	0.2	G1.5×G1.5	130	5049981003	On request
Int25/7-180	50	220-240	4.3	7	0.2	G1.5×G1.5	180	5049989003	On request
Int30/7-130	50		4.3	7	0.2	G2×G2	130	5049997004	On request
Int30/7-180	50		4.3	7	0.2	G2×G2	180	5049924004	On request
Int15/8-130	75		4.5	8	0.2	G1×G1	130	5049930003	On request
Int25/8-130	75		4.5	8	0.2	G1.5×G1.5	130	5049939003	On request
Int25/8-180	75		4.5	8	0.2	G1.5×G1.5	180	5049948003	On request
Int30/8-130	75		4.5	8	0.2	G2×G2	130	5049956003	On request
Int30/8-180	75		4.5	8	0.2	G2×G2	180	5049963003	On request
Int15/9-130	87		5.3	9	0.2	G1×G1	130	5049971003	On request
Int25/9-130	87		5.3	9	0.2	G1.5×G1.5	130	5049979003	On request
Int25/9-180	87		5.3	9	0.2	G1.5×G1.5	180	5049986004	On request
Int30/9-130	87		5.3	9	0.2	G2×G2	130	5049996004	On request
Int30/9-180	87		5.3	9	0.2	G2×G2	180	5049919005	On request

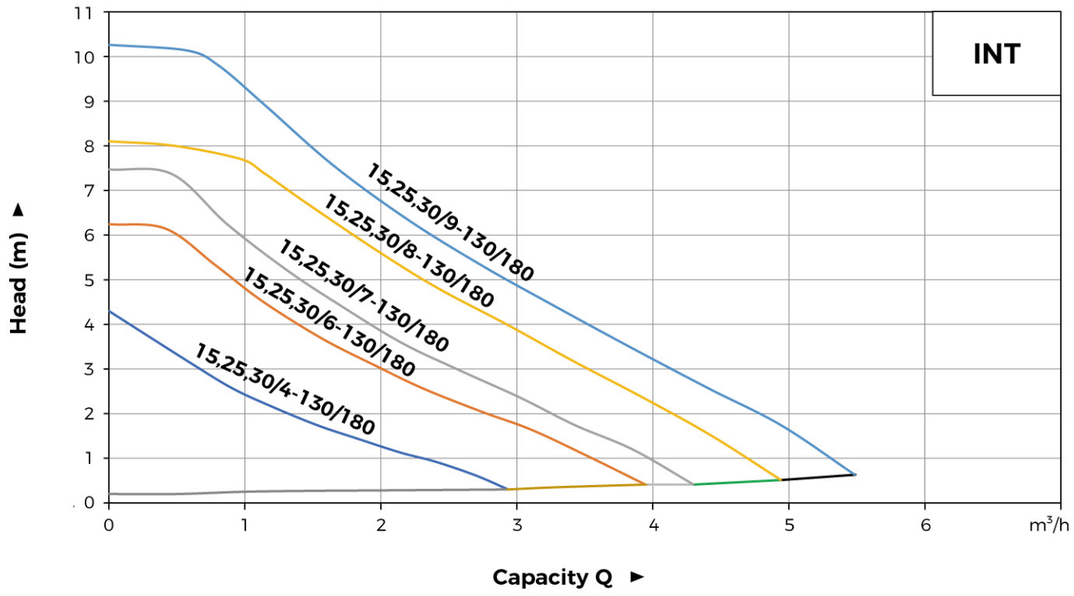
Product Structure - INT





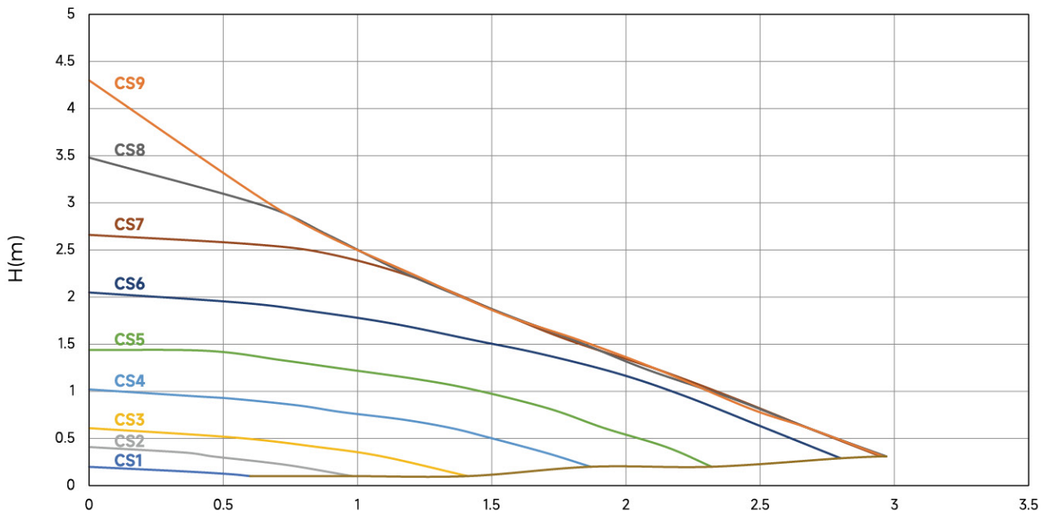
No.	Part	Material	No.	Part	Material
1	Pump Body	Cast Iron	4	Bracket Cover Assembly	Stainless Steel
2	Pump Body Insert	Stainless Steel	5	Housing	Die-Cast Aluminum Alloy
3	Impeller	High-Performance Engineering Plastic	6	Stator Can	Stainless Steel

Product Range - INT

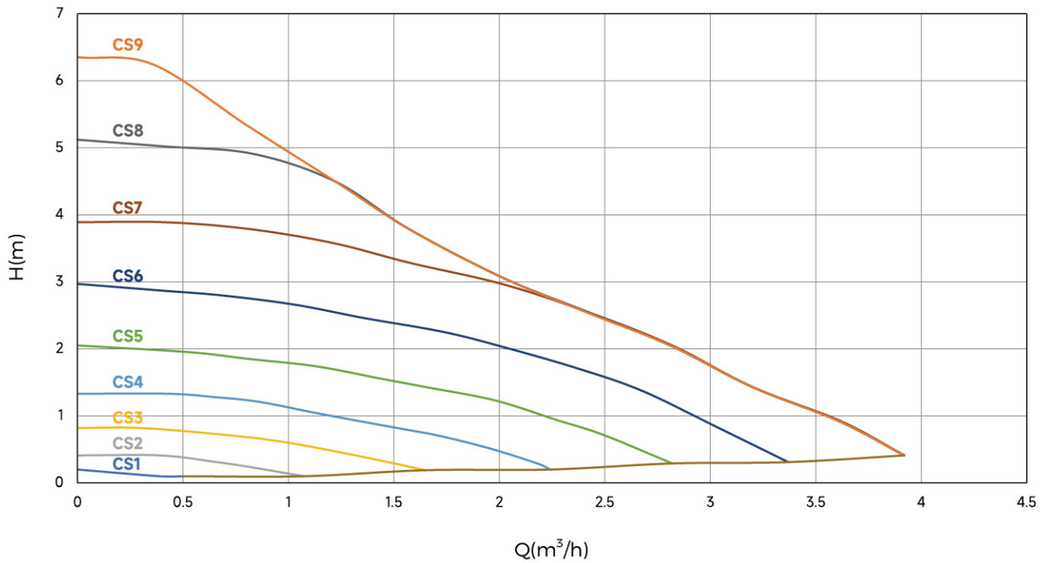


Hydraulic Performance Curves - INT
(CS – Constant Speed Mode)

Intxx/4-xx（Q-H)

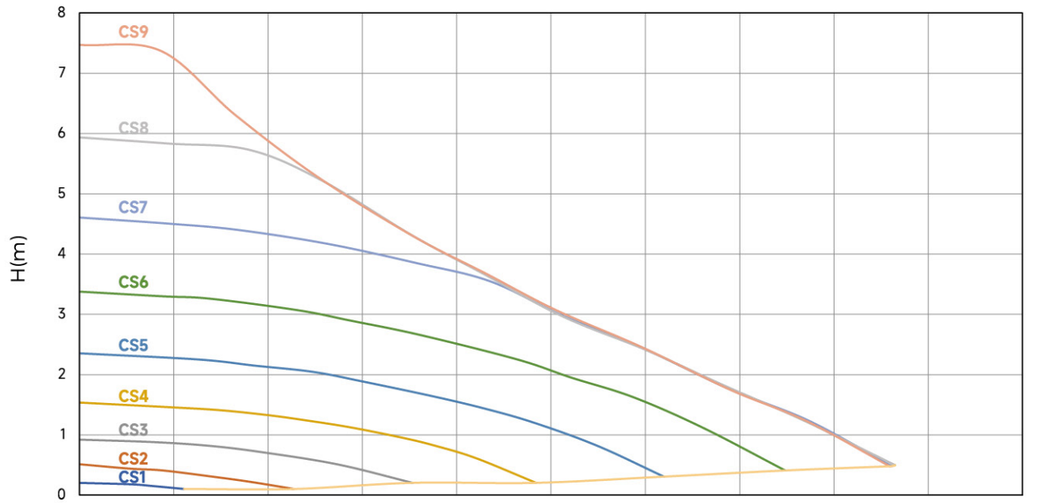


Intxx/6-xx（Q-H)

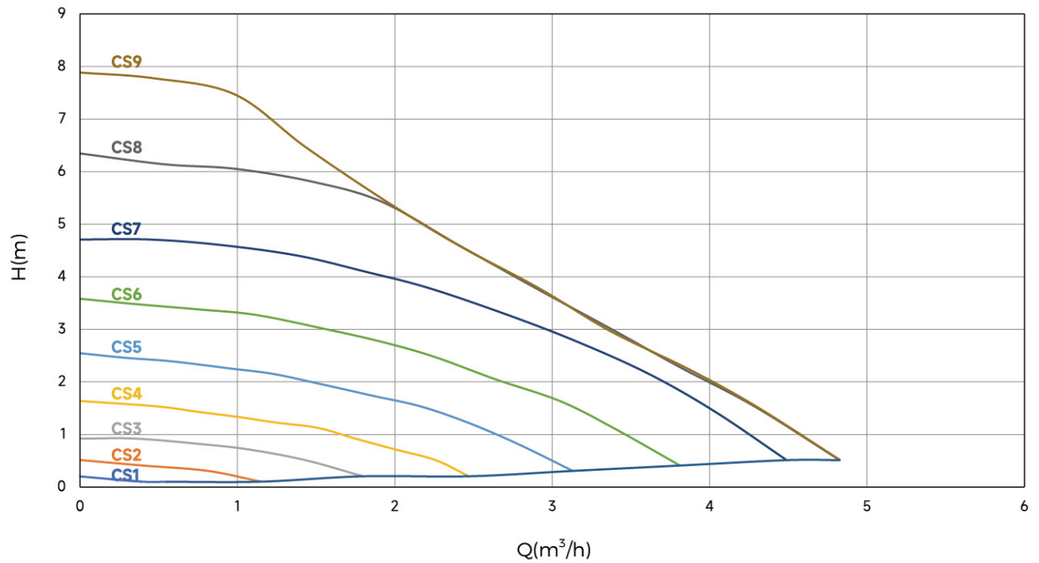


Hydraulic Performance Curves - INT
(CS – Constant Speed Mode)

Intxx/7-xx（Q-H)



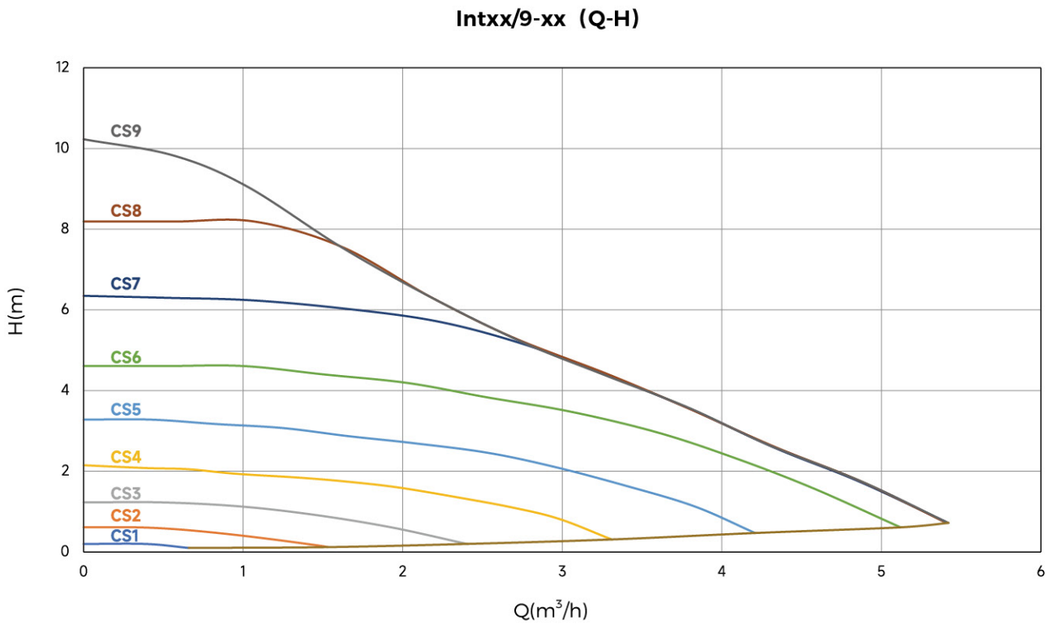
Intxx/8-xx（Q-H)



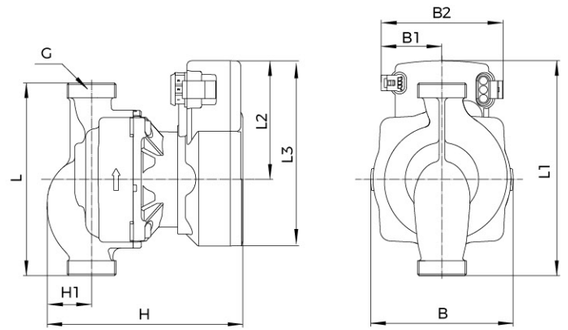
INT Glandless Circulator

Hydraulic Performance Curves - INT

(CS – Constant Speed Mode)



Overall Dimensions - INT



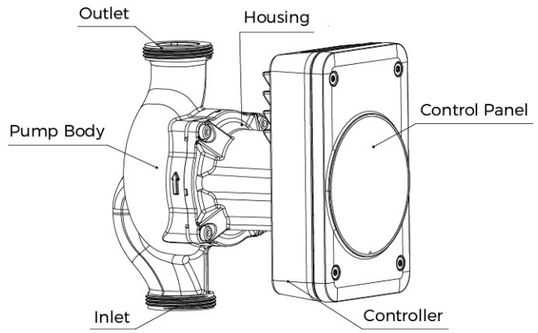
Model	Overall Dimensions (mm)											Weight(kg)	
	L	L1	L2	L3	B	B1	B2	H	H1	H2	G	N.W.	G.W.
Int15/4-130	130	145	80	125	96	41	82.5	132	30	49	G1	1.8	2.3
Int25/4-130	130	145	80	125	96	41	82.5	132	30	49	G1.5	1.9	2.4
Int25/4-180	180	180	80	125	96	41	82.5	132	30	49	G1.5	2.1	2.6
Int30/4-130	130	145	80	125	96	41	82.5	132	30	49	G2	2.1	2.6
Int30/4-180	180	170	80	125	96	41	82.5	132	30	49	G2	2.2	2.7
Int15/6-130	130	145	80	125	96	41	82.5	132	30	49	G1	1.8	2.3
Int25/6-130	130	145	80	125	96	41	82.5	132	30	49	G1.5	1.9	2.4
Int25/6-180	180	170	80	125	96	41	82.5	132	30	49	G1.5	2.1	2.6
Int30/6-130	130	145	80	125	96	41	82.5	132	30	49	G2	2.1	2.6
Int30/6-180	180	170	80	125	96	41	82.5	132	30	49	G2	2.2	2.7
Int15/7-130	130	145	80	125	96	41	82.5	132	30	49	G1	1.8	2.3
Int25/7-130	130	145	80	125	96	41	82.5	132	30	49	G1.5	1.9	2.4
Int25/7-180	180	170	80	125	96	41	82.5	132	30	49	G1.5	2.1	2.6
Int30/7-130	130	145	80	125	96	41	82.5	132	30	49	G2	2.1	2.6
Int30/7-180	180	170	80	125	96	41	82.5	132	30	49	G2	2.2	2.7
Int15/8-130	130	145	80	125	96	41	82.5	144	30	49	G1	1.9	2.4
Int25/8-130	130	145	80	125	96	41	82.5	144	30	49	G1.5	2	2.6
Int25/8-180	180	170	80	125	96	41	82.5	144	30	49	G1.5	2.2	2.7
Int30/8-130	130	145	80	125	96	41	82.5	144	30	49	G2	2.2	2.7
Int30/8-180	180	170	80	125	96	41	82.5	144	30	49	G2	2.3	2.9
Int15/9-130	130	145	80	125	96	41	82.5	144	30	49	G1	1.9	2.4
Int25/9-130	130	145	80	125	96	41	82.5	144	30	49	G1.5	2	2.6
Int25/9-180	180	170	80	125	96	41	82.5	144	30	49	G1.5	2.2	2.7
Int30/9-130	130	145	80	125	96	41	82.5	144	30	49	G2	2.2	2.7
Int30/9-180	180	170	80	125	96	41	82.5	144	30	49	G2	2.3	2.9

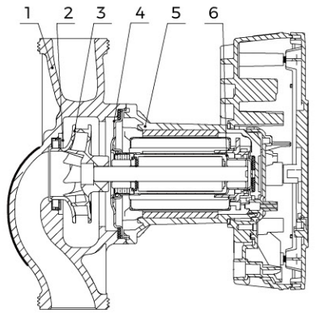
INTS Glandless Circulator

Product Information - INTS

Model	Power	Voltage	Max. Flow	Max. Head	EEI	Inlet/Outlet	Inlet and Outlet Distance	Part No.	Price
	W	V	m^3/h	m			mm		€
Ints25/8-130	128	220-240	9	8	0.2	G1.5×G1.5	130	5049972003	On request
Ints25/8-180	128		9	8	0.2	G1.5×G1.5	180	5049980004	On request
Ints30/8-180	128		9	8	0.2	G2×G2	180	5049988004	On request
Ints32/8-220F	128		9	8	0.2	DN32×DN32	220	5050054003	On request
Ints40/8-220F	128		9	8	0.2	DN40×DN40	220	5050055003	On request
Ints25/10-130	195		10	10	0.2	G1.5×G1.5	130	5049926003	On request
Ints25/10-180	195		10	10	0.2	G1.5×G1.5	180	5049938003	On request
Ints30/10-180	195		10	10	0.2	G2×G2	180	5049945004	On request
Ints32/10-220F	195		10	10	0.2	DN32×DN32	220	5050056003	On request
Ints40/10-220F	195		10	10	0.2	DN40×DN40	220	5050057003	On request
Ints25/11-130	134		6.5	11	0.2	G1.5×G1.5	130	5049969003	On request
Ints25/11-180	134		6.5	11	0.2	G1.5×G1.5	180	5049977003	On request
Ints30/11-180	134		6.5	11	0.2	G2×G2	180	5049985004	On request
Ints32/11-220F	134		6.5	11	0.2	DN32×DN32	220	5050058003	On request
Ints40/11-220F	134		6.5	11	0.2	DN40×DN40	220	5050059003	On request
Ints25/15-130	200		7.5	15	0.2	G1.5×G1.5	130	5052097003	On request
Ints25/15-180	200		7.5	15	0.2	G1.5×G1.5	180	5052098003	On request
Ints30/15-180	200		7.5	15	0.2	G2×G2	180	5052099004	On request
Ints32/15-220F	200		7.5	15	0.2	DN32×DN32	220	5052100003	On request
Ints40/15-220F	200		7.5	15	0.2	DN40×DN40	220	5052101003	On request

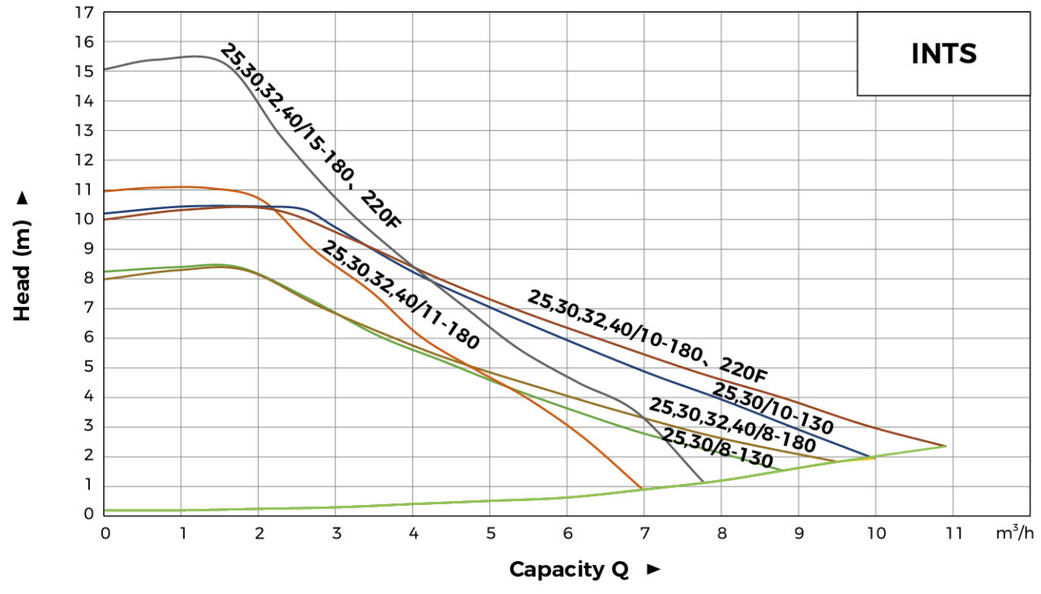
Product Structure - INTS





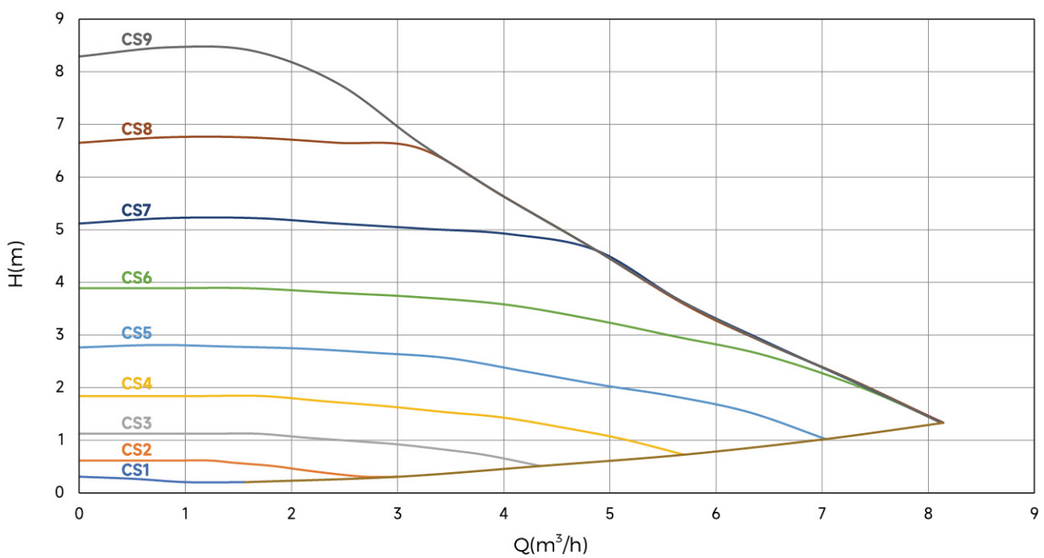
No.	Part	Material	No.	Part	Material
1	Pump Body	Cast Iron	4	Bracket Cover Assembly	Stainless Steel
2	Pump Body Insert	Stainless Steel	5	Housing	Die-Cast Aluminum Alloy
3	Impeller	High-Performance Engineering Plastic	6	Stator Can	Stainless Steel

Product Range - INTS

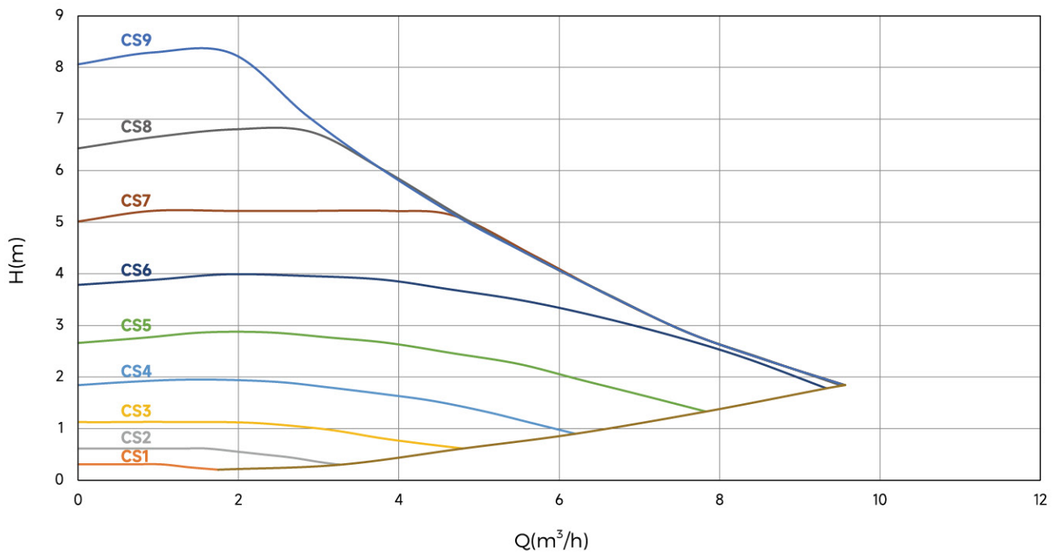


Hydraulic Performance Curves - INTS
(CS – Constant Speed Mode)

Intsxx/8-130 (Q-H)

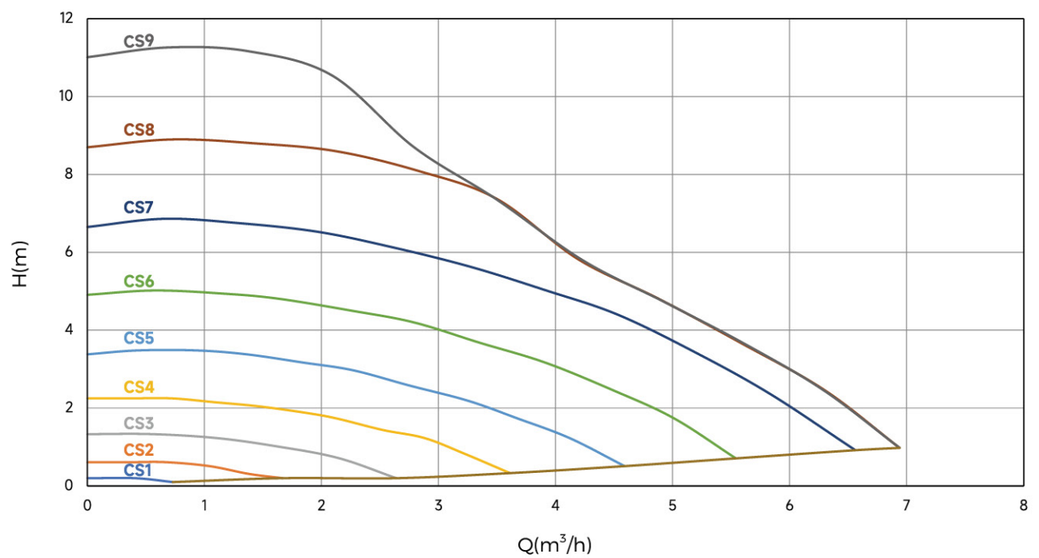


Intsxx/8-180 (Q-H)

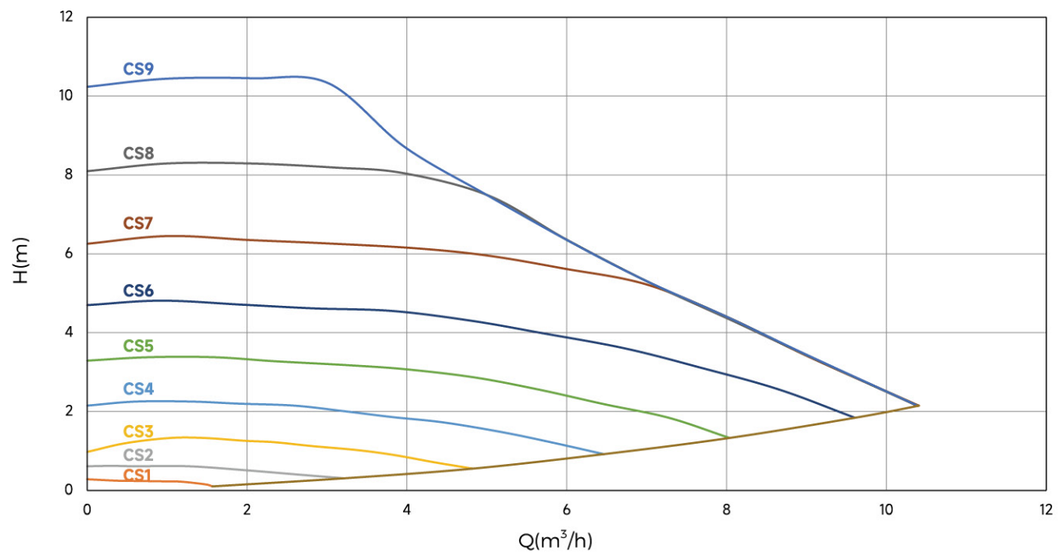


Hydraulic Performance Curves - INTS
(CS – Constant Speed Mode)

Intsxx/11-xx (Q-H)



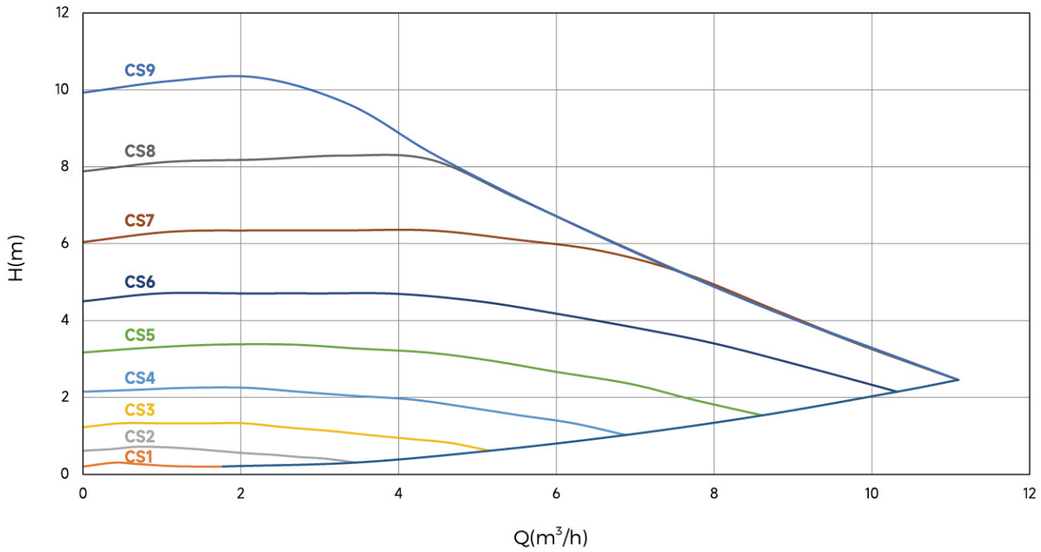
Intsxx/10-130 (Q-H)



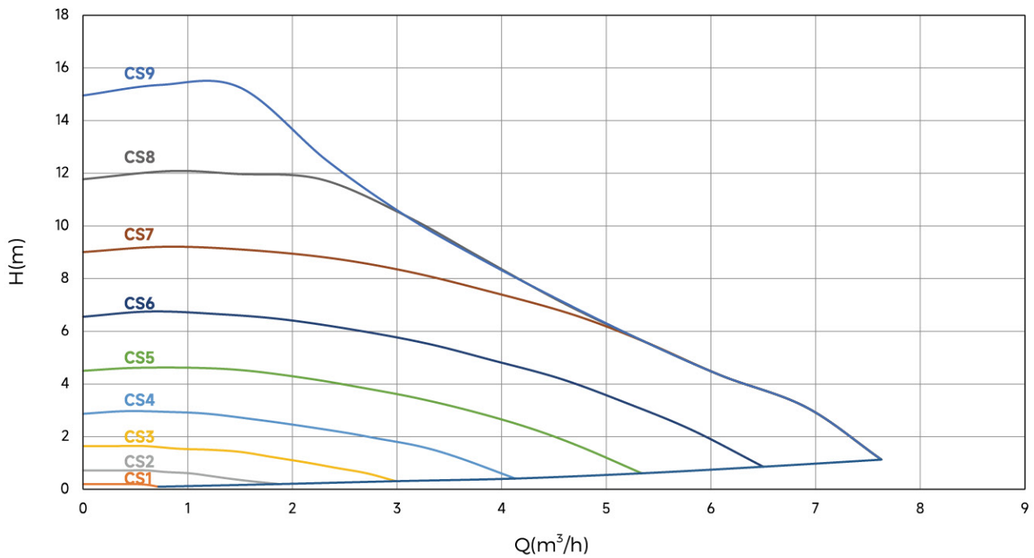
Hydraulic Performance Curves - INTS

(CS – Constant Speed Mode)

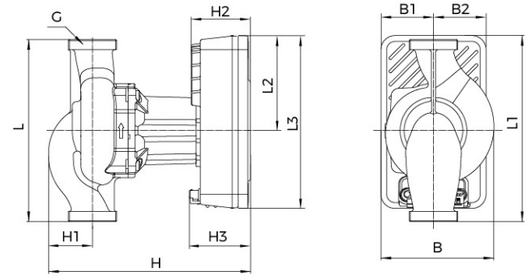
Intsxx/10-180 (Q-H)



Intsxx/15-xx (Q-H)

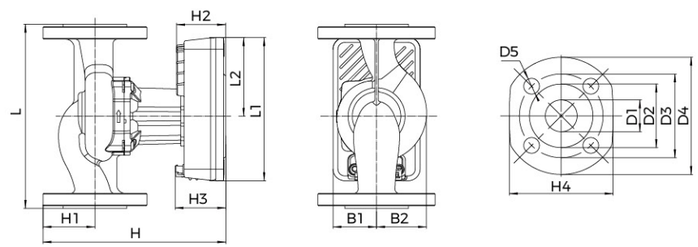


Overall Dimensions - INTS



Model	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	B (mm)	B1 (mm)	B2 (mm)	H (mm)	H1 (mm)	H2 (mm)	H3 (mm)	G	N.W (kg)	G.W (kg)
Ints25/8-130	130	171	94	171	104	52	52	182	43.5	58.5	60.5	G1.5	2.8	3.5
Ints25/8-180	180	184	94	171	112	52	52	182	43.5	58.5	60.5	G1.5	3	3.7
Ints30/8-180	180	184	94	171	112	52	52	182	43.5	58.5	60.5	G2	3.2	3.9
Ints25/10-130	130	171	94	171	104	52	52	200	43.5	58.5	60.5	G1.5	3.1	3.8
Ints25/10-180	180	184	94	171	112	52	52	200	43.5	58.5	60.5	G1.5	3.3	4
Ints30/10-180	180	184	94	171	112	52	52	200	43.5	58.5	60.5	G2	3.5	4.2
Ints25/11-130	130	171	94	171	104	52	52	166	35.5	58.5	60.5	G1.5	2.6	3.3
Ints25/11-180	180	184	94	171	104	52	52	166	35.5	58.5	60.5	G1.5	2.8	3.5
Ints30/11-180	180	184	94	171	104	52	52	166	35.5	58.5	60.5	G2	2.9	3.6
Ints25/15-130	130	171	94	171	104	52	52	184	35.5	58.5	60.5	G1.5	2.9	3.6
Ints25/15-180	180	184	94	171	104	52	52	184	35.5	58.5	60.5	G1.5	3	3.7
Ints30/15-180	180	184	94	171	104	52	52	184	35.5	58.5	60.5	G2	3.2	3.9

Overall Dimensions - INTS-F



Model	L (mm)	L1 (mm)	L2 (mm)	B1 (mm)	B2 (mm)	H (mm)	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	D4 (mm)	D5 (mm)	N.W (kg)	G.W (kg)
Ints32/8-220F	220	171	94	52	60	201	62	58.5	60.5	124	38	76	100	140	19	6.1	7
Ints40/8-220F	220	171	94	52	60	201	62	58.5	60.5	124	38	76	110	150	19	6.6	7.4
Ints32/10-220F	220	171	94	52	60	219	62	58.5	60.5	124	38	76	100	140	19	6.4	7.2
Ints40/10-220F	220	171	94	52	60	219	62	58.5	60.5	124	38	76	110	150	19	6.8	7.7
Ints32/11-220F	220	171	94	52	52	193	62	58.5	60.5	124	38	76	100	140	19	5.8	6.6
Ints40/11-220F	220	171	94	52	52	193	62	58.5	60.5	124	38	76	110	150	19	6.2	7
Ints32/15-220F	220	171	94	52	52	211	62	58.5	60.5	124	38	76	100	140	19	6.1	7
Ints40/15-220F	220	171	94	52	52	211	62	58.5	60.5	124	38	76	110	150	19	6.5	7.3

DOMESTIC COOL WATER PRESSURE BOOSTING JET PUMP

EKJ-I Garden Pump
EKJ-P Garden Pump
EKJ-S Garden Pump
EKJ-IA/IA5 Pressure Booster
EKJ-PA/PA5 Pressure Booster
EKJ-SA/SA5 Pressure Booster
AJ Stainless Steel Jet Pump
AJ Jet Pump



EKJ-I Garden Pump



Application

- Self - priming garden pump, also suitable for the pressurisation of water in domestic applications.

Pump

- Compact, light, robust and easy to use
- Unique ergonomic design
- Max. fluid temperature: +35˚C
- Max. suction: +7 m

Motor

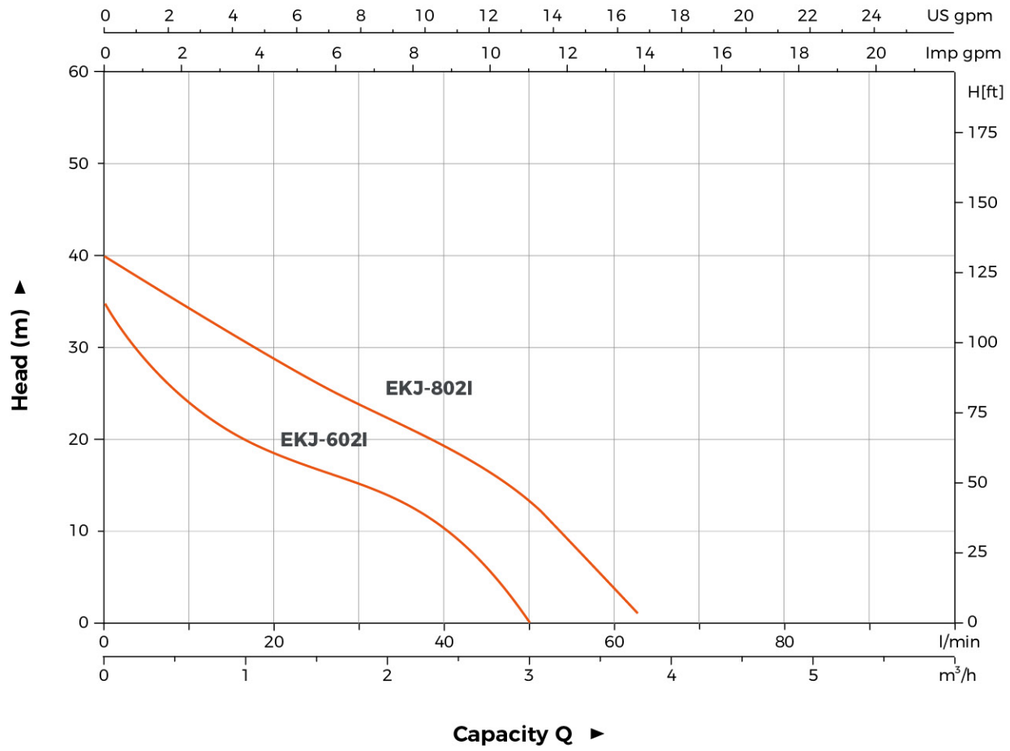
- Low noise & Long life bearing
- Built-in thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +40˚C
- Power cable: H07RN-F 1.5m with European plug

Identification Codes

EKJ - 6 02 I

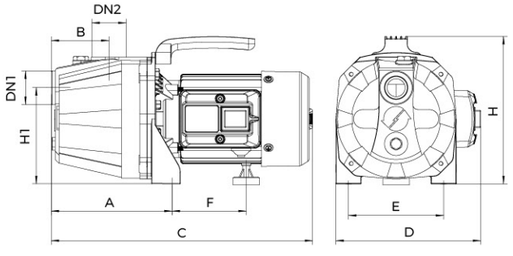
- EKJ — Garden Jet Pump
- 6 — Power/100W
- 02 — Features
- I — Cast Iron Pump Body

Hydraulic Performance Curves



Technical Data

Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
EKJ-602I	0.6	0.8	220-240	1"x1"	50	35	7	5000226012	115.80
EKJ-802I	0.8	1.0			61.7	40	7	5000122017	123.90



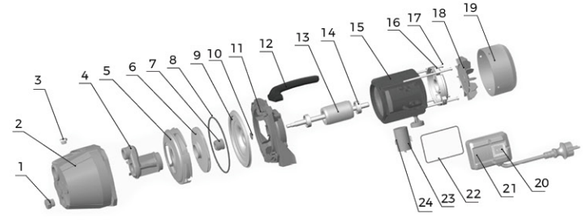
Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	H1 (mm)
EKJ-602I	G1	G1	155	74	335	186	122	95	189	123
EKJ-802I										

Material Table

No.	Part
1	Affusion plug screw
2	Pump body
3	Affusion plug screw
4	Injector
5	Diffuser
6	Impeller
7	Mechancial seal
8	O-ring
9	Bracket cover
10	Rubber washer
11	Bracket
12	Handle
13	Rotor
14	Deep groove ball bearing
15	Stator

No.	Part
16	End plate
17	Hexangular bolt
18	Fan
19	Fan cover
20	Waterproof switch
21	Switch box
22	Seal
23	Capacitor
24	Capacitor support



EKJ-I Garden Pump



Application

- Self - priming garden pump, also suitable for the pressurisation of water in domestic applications.

Pump

- Compact, light, robust and easy to use
- Unique ergonomic design
- Max. fluid temperature: +35˚C
- Max. suction: +8 m

Motor

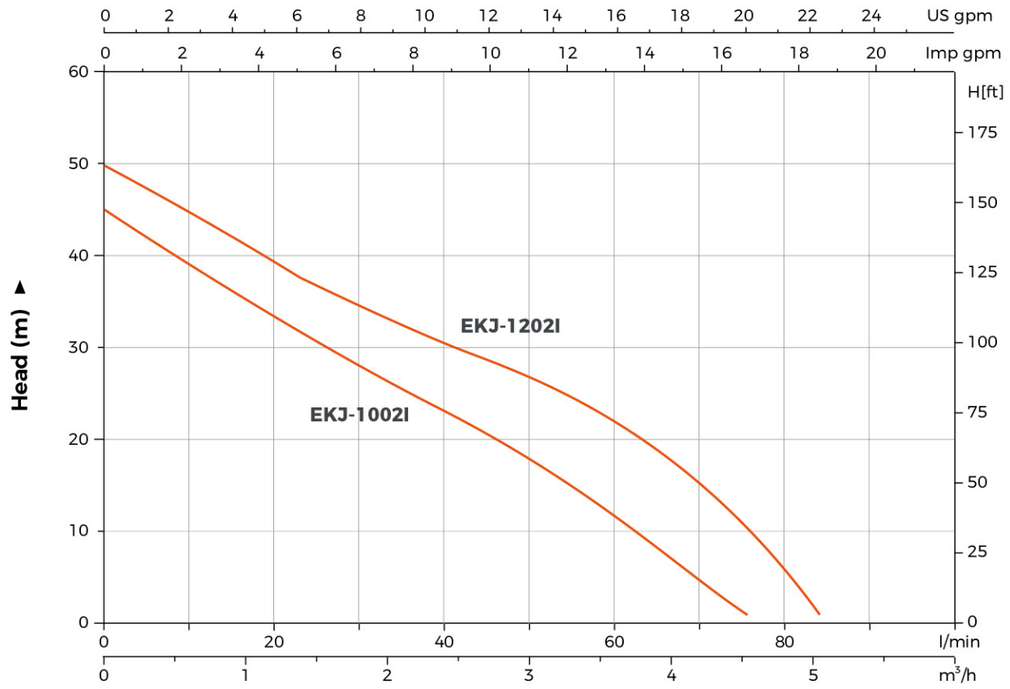
- Low noise & Long life bearing
- Built-in thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +40˚C
- Power cable: H07RN-F 1.5m with European plug

Identification Codes

EKJ - 12 02 I

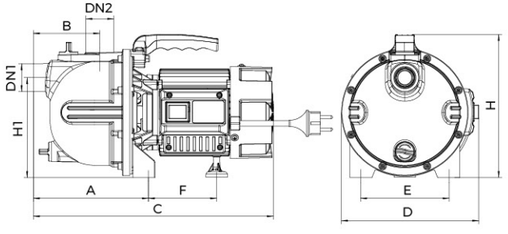
- Cast Iron Pump Body
- Features
- Power/100W
- Garden Jet Pump

Hydraulic Performance Curves



Technical Data

Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
EKJ-1002I	1.0	1.3	220-240	1"x1"	75	45	8	5000125013	162.79
EKJ-1202I	1.2	1.6			83.4	50	8	5000118013	170.89



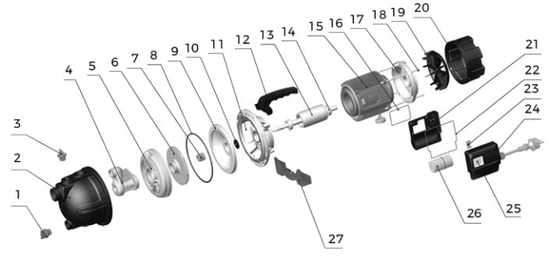
Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	H1 (mm)
EKJ-1002I	G1	G1	182	105	380	217	140	108	227	158
EKJ-1202I										

Material Table

No.	Part
1	Affusion plug screw
2	Pump body
3	Affusion plug screw
4	Injector
5	Diffuser
6	Impeller
7	Mechancial seal
8	O-ring
9	Bracket cover
10	Rubber washer
11	Bracket
12	Handle
13	Rotor
14	Deep groove ball bearing
15	Stator

No.	Part
16	Seal
17	End plate
18	Hexangular bolt
19	Fan
20	Fan cover
21	Switch box
22	Seal
23	Cable clip
24	Switch box cover
25	Waterproof switch
26	Capacitor
27	Motor flange brace



EKJ-P Garden Pump



Application

- Self-priming garden pump, also sutiable for the pressurization of water in domestic applications

Pump

- Compact, robust and easy to use
- Equipped with engineering plastic pump body
- Max. fluid temperature: +35˚C
- Max. suction: +7 m

Motor

- Motor with thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +35˚C
- Power cable: H07RN-F 1.5m with European plug

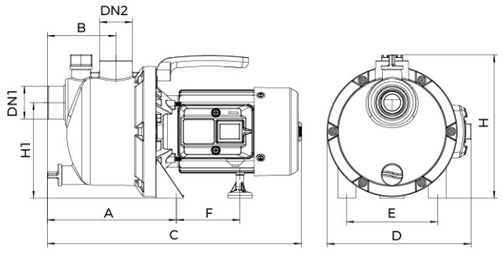
Identification Codes

EKJ - 6 02 P

- EKJ — Garden Jet Pump
- 6 — Power/100W
- 02 — Features
- P — Plastic Pump Body

Technical Data

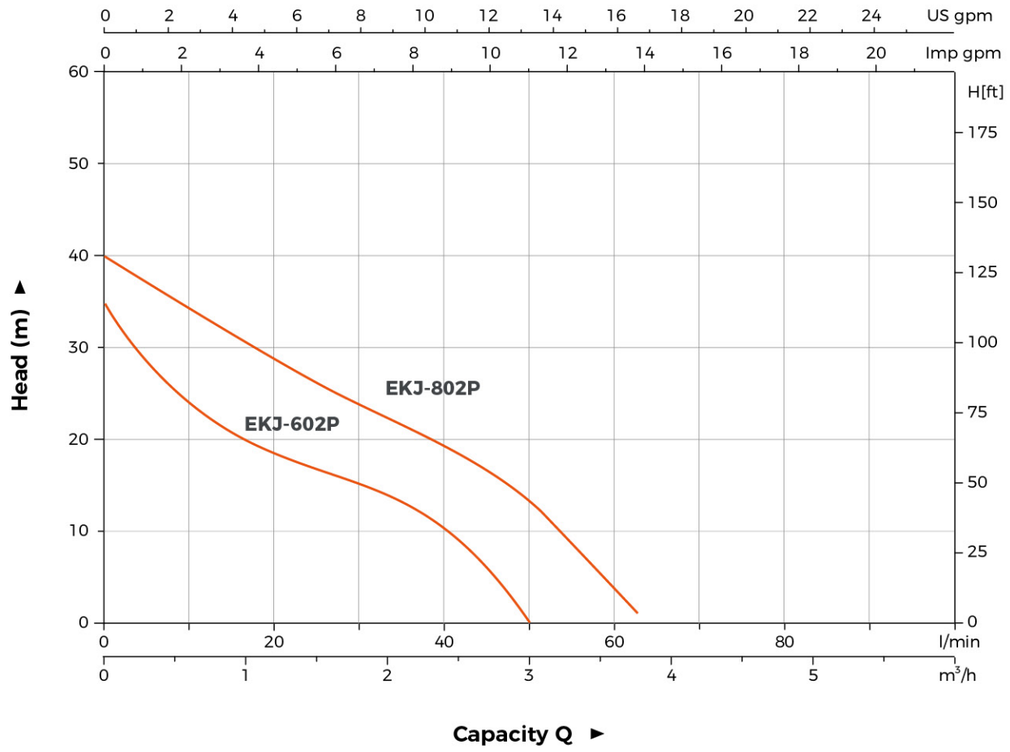
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
EKJ-602P	0.6	0.8	220-240	1"x1"	50	35	7	5000067021	107.66
EKJ-802P	0.8	1.0			61.7	40	7	5000069035	115.80



Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	H1 (mm)
EKJ-602P	G1	G1	178.5	95	351.5	199	126	88	198	132
EKJ-802P										

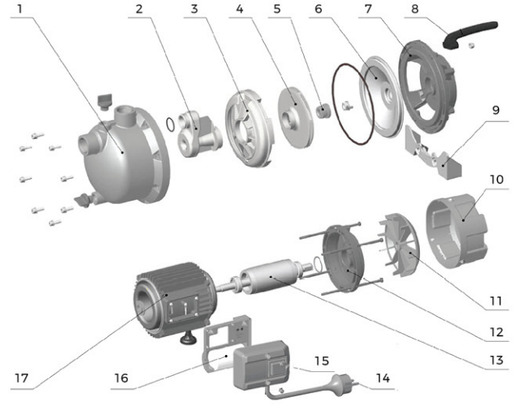
Hydraulic Performance Curves



Material Table

No.	Part
1	Pump body
2	Fluid body
3	Water outlet cover
4	Impeller
5	Mechancial seal
6	Bracket cover
7	Bracket
8	Handel
9	Bracket feet
10	Fan cover
11	Fan
12	Rear cover
13	Rotor

No.	Part
14	Plug cord
15	Cover box
16	Capacitor
17	Stator



EKJ-P Garden Pump



Application

- Self-priming garden pump, also sutiable for the pressurization of water in domestic applications

Pump

- Compact, robust and easy to use
- Equipped with engineering plastic pump body
- Max. fluid temperature: +35°C
- Max. suction: +8 m

Motor

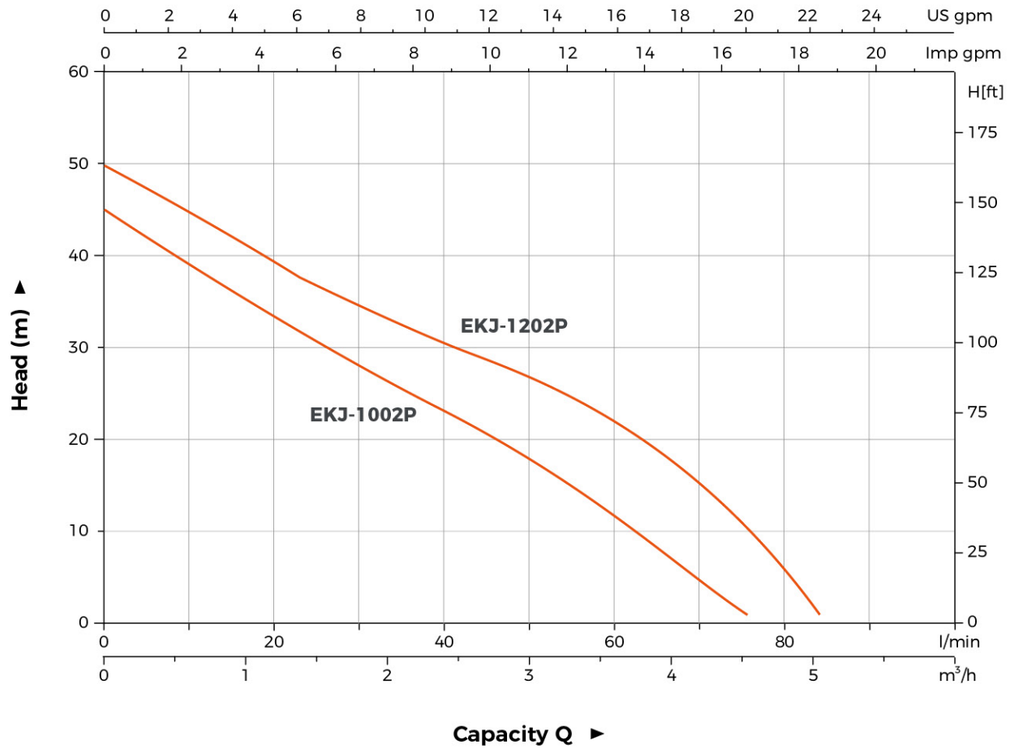
- Motor with thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +35°C
- Power cable: H07RN-F 1.5m with European plug

Identification Codes

EKJ - 12 02 P

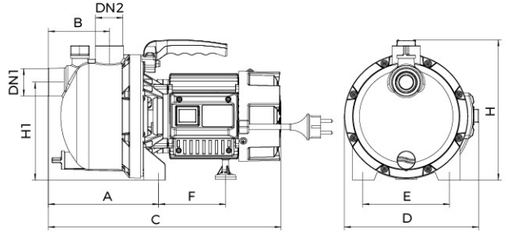
- P — Plastic Pump Body
- 02 — Features
- 12 — Power/100W
- EKJ — Garden Jet Pump

Hydraulic Performance Curves



Technical Data

Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
EKJ-1002P	1.0	1.3	220-240	1"x1"	75	45	8	5000071020	147.40
EKJ-1202P	1.2	1.6			83.4	50	8	5000073021	155.94



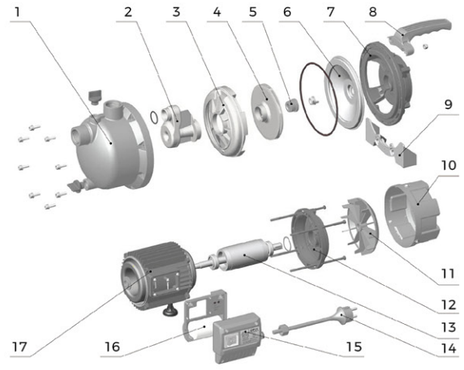
Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	H1 (mm)
EKJ-1002P	G1	G1	178.5	99	376	217	140	108	227	158
EKJ-1202P										

Material Table

No.	Part
1	Pump body
2	Fluid body
3	Water outlet cover
4	Impeller
5	Mechanical seal
6	Bracket cover
7	Bracket
8	Handel
9	Brackte feet
10	Fan cover
11	Fan
12	Rear cover
13	Rotor

No.	Part
14	Plug cord
15	Cover box
16	Capacitor
17	Stator



EKJ-S Garden Pump



Application

- Self-priming garden pump, also sutiable for the pressurization of water in domestic applications

Pump

- Compact, robust and easy to use
- Equipped with stainless steel pump body
- Max. fluid temperature: +35˚C
- Max. suction: +7 m

Motor

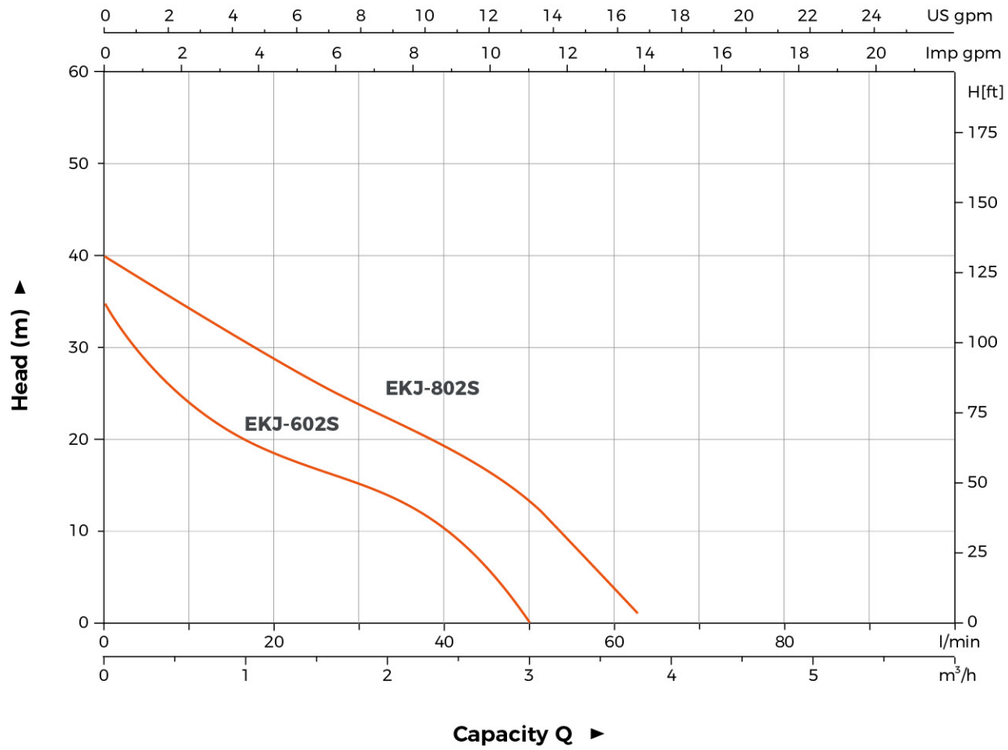
- Motor with thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +35˚C
- Power cable: H07RN-F 1.5m with European plug

Identification Codes

EKJ - 6 02 S

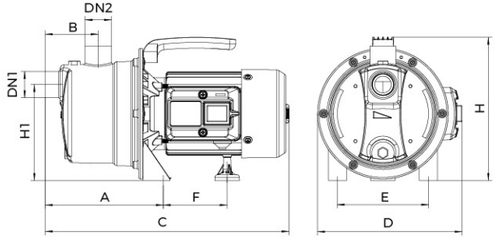
- S — Stainless Steel Pump Body
- 02 — Features
- 6 — Power/100W
- EKJ — Garden Jet Pump

Hydraulic Performance Curves



Technical Data

Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
EKJ-602S	0.6	0.8	220-240	1"x1"	50	35	7	5000207013	124.34
EKJ-802S	0.8	1.0			61.7	40	7	5000060033	138.41



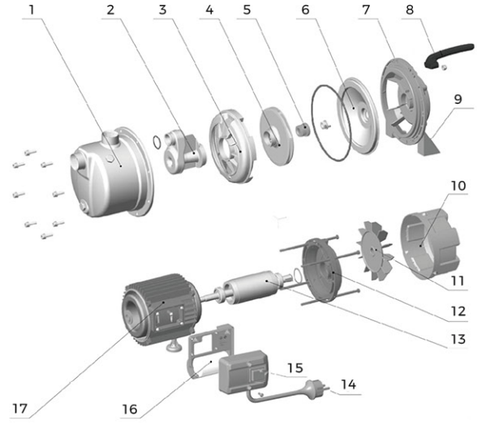
Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	H1 (mm)
EKJ-602S	G1	G1	162.5	73	336	199	126	88	198	132
EKJ-802S										

Material Table

No.	Part
1	Pump body
2	Fluid body
3	Water outlet cover
4	Impeller
5	Mechanical seal
6	Bracket cover
7	Bracket
8	Handel
9	Brackte feet
10	Fan cover
11	Fan
12	Rear cover
13	Rotor

No.	Part
14	Plug cord
15	Cover box
16	Capacitor
17	Stator



EKJ-S Garden Pump



Application

- Self-priming garden pump, also sutiable for the pressurization of water in domestic applications

Pump

- Compact, robust and easy to use
- Equipped with stainless steel pump body
- Max. fluid temperature: +35˚C
- Max. suction: +8 m

Motor

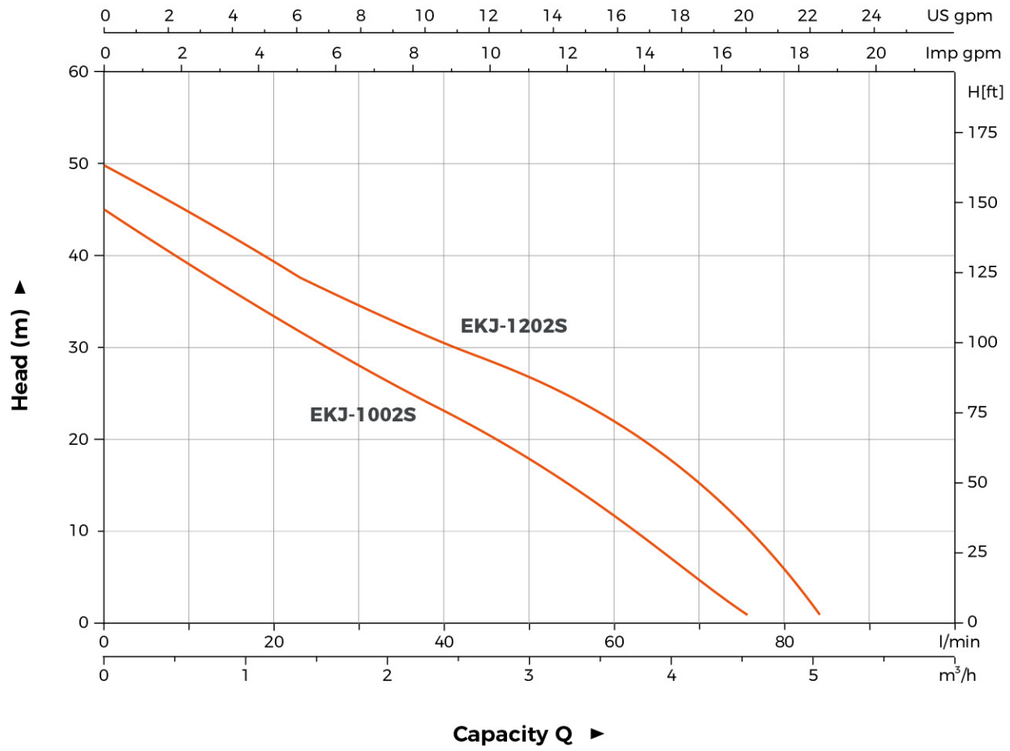
- Motor with thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +35˚C
- Power cable: H07RN-F 1.5m with European plug

Identification Codes

EKJ - 12 02 S

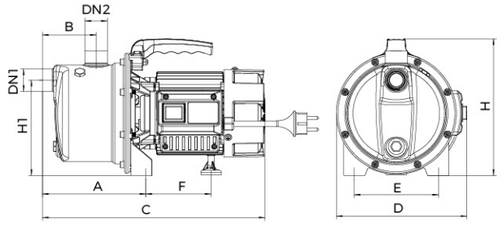
- S — Stainless Steel Pump Body
- 02 — Features
- 12 — Power/100W
- EKJ — Garden Jet Pump

Hydraulic Performance Curves



Technical Data

Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
EKJ-1002S	1.0	1.3	220-240	1"x1"	75	45	8	5000209023	161.06
EKJ-1202S	1.2	1.6			83.4	50	8	5000032034	169.61



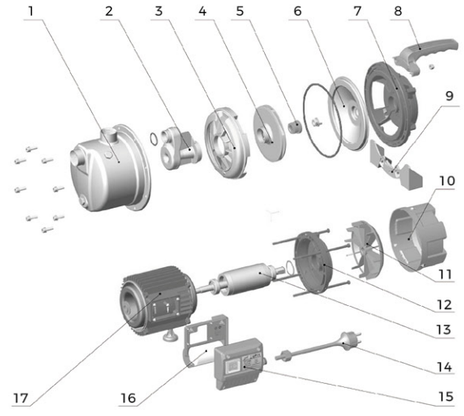
Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	H1 (mm)
EKJ-1002S	G1	G1	171.5	89	370	217	140	108	227	158
EKJ-1202S										

Material Table

No.	Part
1	Pump body
2	Fluid body
3	Water outlet cover
4	Impeller
5	Mechanical seal
6	Bracket cover
7	Bracket
8	Handel
9	Brackte feet
10	Fan cover
11	Fan
12	Rear cover
13	Rotor

No.	Part
14	Plug cord
15	Cover box
16	Capacitor
17	Stator



EKJ-IA/IA5 Pressure Booster



Optional
five-way valve



Application

- Self - priming garden pump, also suitable for the pressurisation of water in domestic applications

Pump

- Compact, light, robust and easy to use
- The pressure tank configuration will bring a better user experience
- Equipped with cast iron pump body
- Max. fluid temperature: +35˚C
- Max. suction: +7 m

Motor

- Motor with thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +35˚C
- Power cable: H07RN-F 1.5m with European plug

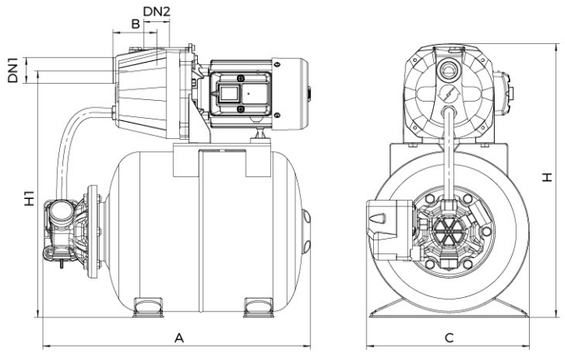
Identification Codes

EKJ - 602 I A 5

- 5 — With 5-Way Valve
- A — Air Tank
- I — Pump Body Material: Cast Iron
- 602 — Power (W)
- EKJ — Garden Jet Pump

Technical Data

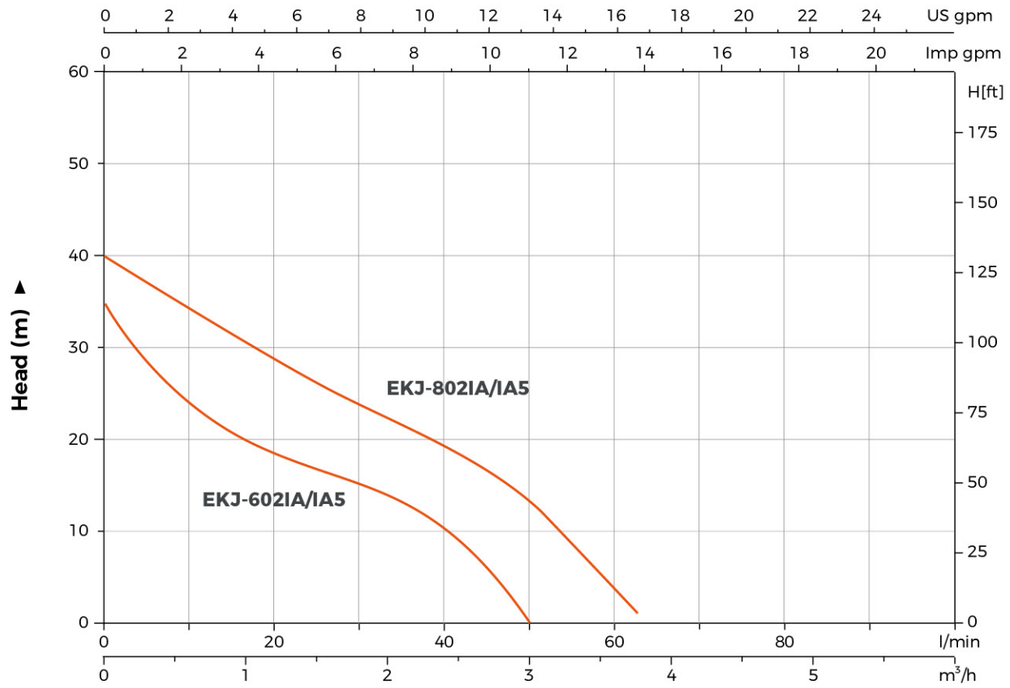
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
EKJ-602IA	0.6	0.8	220-240	1"x1"	50	35	7	5000222014	205.52
EKJ-602IA5	0.6	0.8			50	35	7	5000358007	220.87
EKJ-802IA	0.8	1.0			61.7	40	7	5000037021	213.62
EKJ-802IA5	0.8	1.0			61.7	40	7	5000202012	228.13



Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	H (mm)	H1 (mm)
EKJ-602IA/IA5	G1	G1	454	74	276	463	418
EKJ-802IA/IA5							

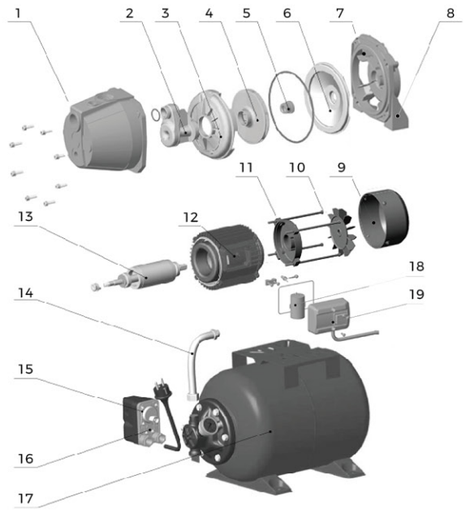
Hydraulic Performance Curves



Material Table

No.	Part
1	Pump body
2	Fluid body
3	Water outlet cover
4	Impeller
5	Mechanical seal
6	Bracket cover
7	Bracket
8	Bracket feet
9	Fan cover
10	Fan
11	Rear cover
12	Stator
13	Rotor
14	Hose
15	Pressure switch

No.	Part
16	Pressure gauge
17	Pressure tank
18	Capacitor
19	Cover box



EKJ-IA/IA5 Pressure Booster



Optional five-way valve



Application

- Self - priming garden pump, also suitable for the pressurisation of water in domestic applications

Pump

- Compact, light, robust and easy to use
- The pressure tank configuration will bring a better user experience
- Equipped with cast iron pump body
- Max. fluid temperature: +35˚C
- Max. suction: +8 m

Motor

- Motor with thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +35˚C
- Power cable: H07RN-F 1.5m with European plug

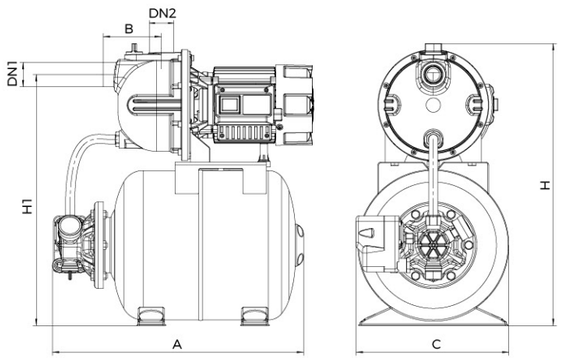
Identification Codes

EKJ - 1202 I A 5

- 5 — With 5-Way Valve
- A — Air Tank
- I — Pump Body Material: Cast Iron
- 1202 — Power (W)
- EKJ — Garden Jet Pump

Technical Data

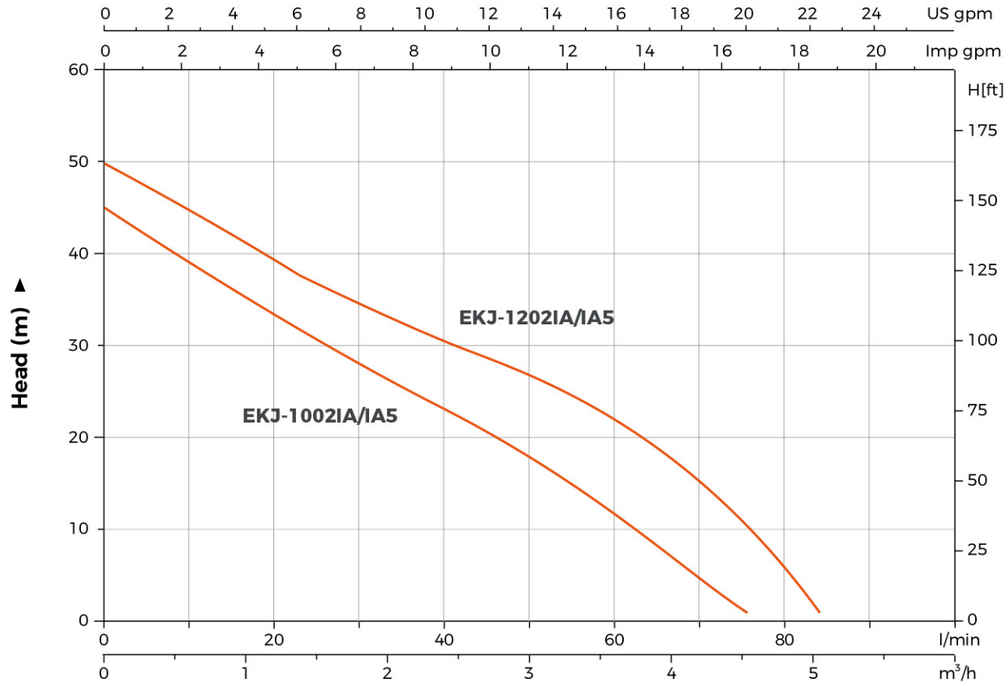
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
EKJ-1002IA	1.0	1.3	220-240	1"x1"	75	45	8	5000128014	252.07
EKJ-1002IA5	1.0	1.3			75	45	8	5010141006	267.02
EKJ-1202IA	1.2	1.6			83.4	50	8	5000132016	260.17
EKJ-1202IA5	1.2	1.6			83.4	50	8	5000198007	275.12



Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	H (mm)	H1 (mm)
EKJ-1002IA/IA5	G1	G1	453.5	105	276	510	453
EKJ-1202IA/IA5							

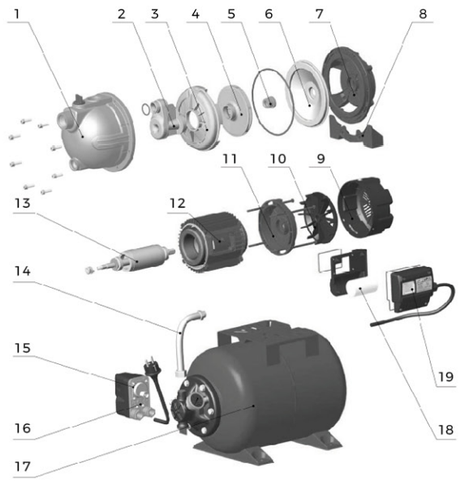
Hydraulic Performance Curves



Material Table

No.	Part
1	Pump body
2	Fluid body
3	Water outlet cover
4	Impeller
5	Mechanical seal
6	Bracket cover
7	Bracket
8	Bracket feet
9	Fan cover
10	Fan
11	Rear cover
12	Stator
13	Rotor
14	Hose
15	Pressure switch

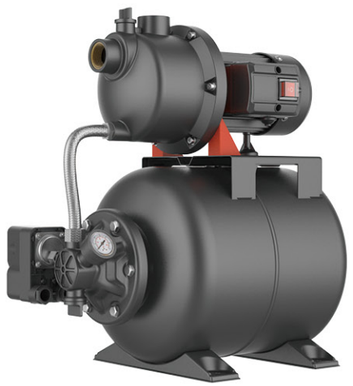
No.	Part
16	Pressure gauge
17	Pressure tank
18	Capacitor
19	Cover box



EKJ-PA/PA5 Pressure Booster



Optional five-way valve



Application

- Self - priming garden pump, also suitable for the pressurisation of water in domestic applications

Pump

- Compact, light, robust and easy to use.
- The pressure tank configuration will bring a better user experience
- Equipped with engineering plastic pump body
- Max. fluid temperature: +35˚C
- Max. suction: +7 m

Motor

- Motor with thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +35˚C
- Power cable: H07RN-F 1.5m with European plug

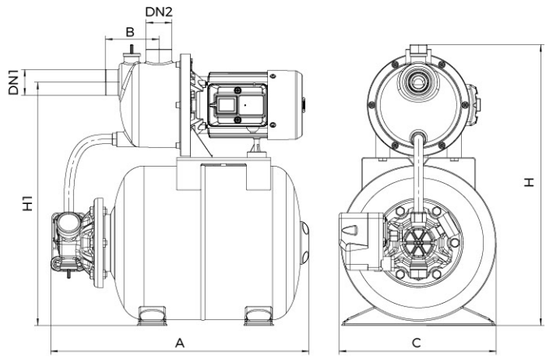
Identification Codes

EKJ - 602 P A 5

- 5 — With 5-Way Valve
- A — Air Tank
- P — Pump Body Material: Plastic
- 602 — Power (W)
- EKJ — Garden Jet Pump

Technical Data

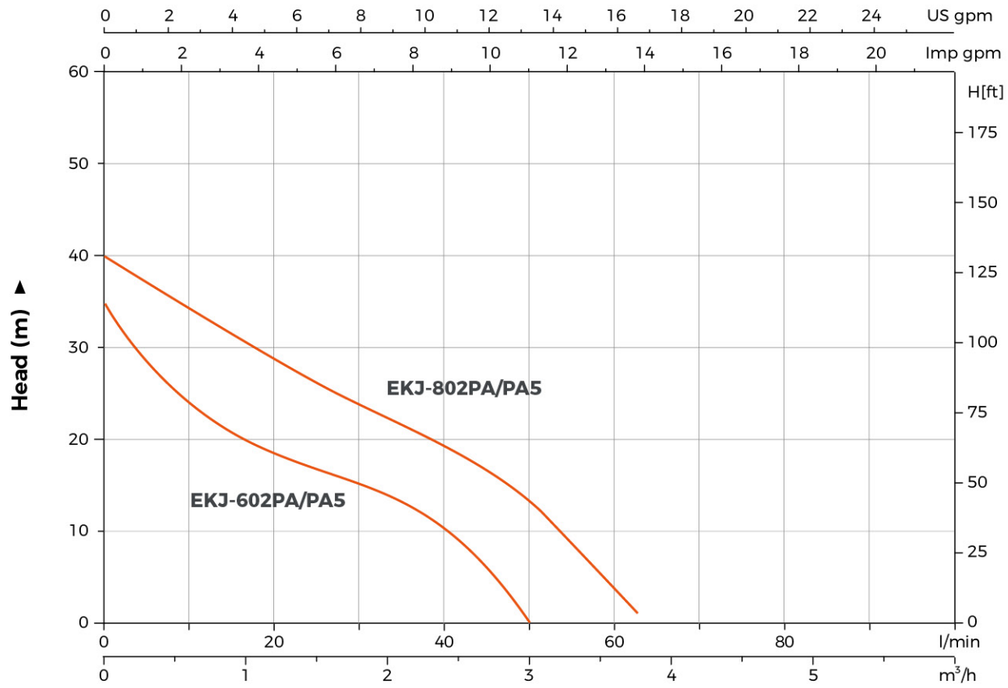
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
EKJ-602PA	0.6	0.8	220-240	1"x1"	50	35	7	5000152015	197.37
EKJ-602PA5	0.6	0.8			50	35	7	5001021003	212.77
EKJ-802PA	0.8	1.0			61.7	40	7	5000163018	205.52
EKJ-802PA5	0.8	1.0			61.7	40	7	5001016002	220.87



Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	H (mm)	H1 (mm)
EKJ-602PA/PA5	G1	G1	454	94	276	493	427
EKJ-802PA/PA5							

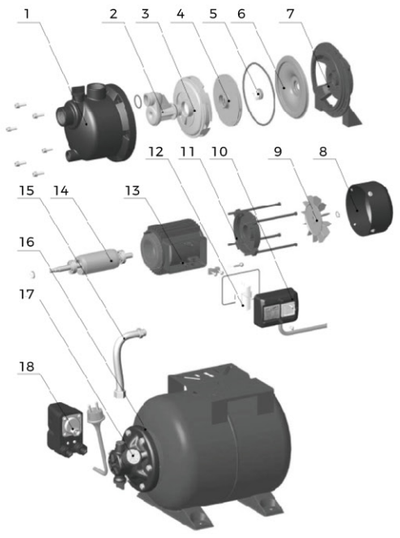
Hydraulic Performance Curves



Material Table

No.	Part
1	Pump body
2	Fluid body
3	Water outlet cover
4	Impeller
5	Mechanical seal
6	Bracket cover
7	Bracket
8	Fan cover
9	Fan
10	Terminal box
11	Rear cover
12	Capacitance
13	Stator
14	Rotor
15	Hose

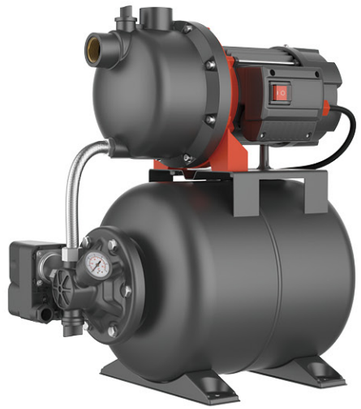
No.	Part
16	Pressure tank
17	Pressure gauge
18	Pressure switch



EKJ-PA/PA5 Pressure Booster



Optional five-way valve



Application

- Self - priming garden pump, also suitable for the pressurisation of water in domestic applications

Pump

- Compact, light, robust and easy to use.
- The pressure tank configuration will bring a better user experience
- Equipped with engineering plastic pump body
- Max. fluid temperature: +35˚C
- Max. suction: +8 m

Motor

- Motor with thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +35˚C
- Power cable: H07RN-F 1.5m with European plug

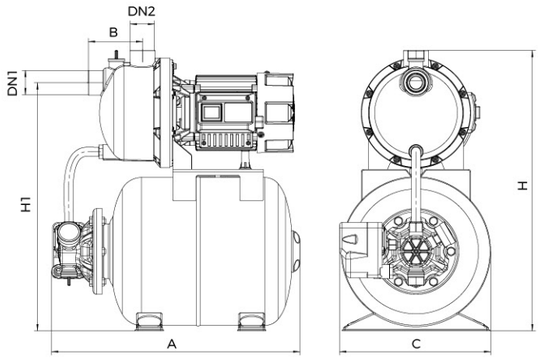
Identification Codes

EKJ - 1202 P A 5

- 5 — With 5-Way Valve
- A — Air Tank
- P — Pump Body Material: Plastic
- 1202 — Power (W)
- EKJ - Garden Jet Pump

Technical Data

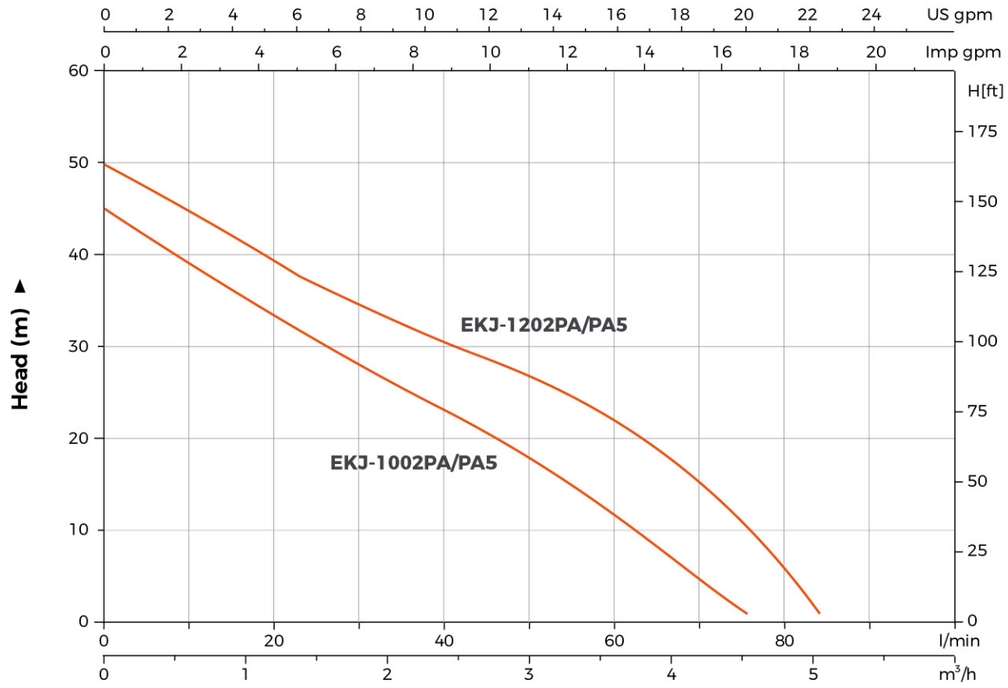
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
EKJ-1002PA	0.6	0.8	220-240	1"x1"	75	45	8	5000167013	235.42
EKJ-1002PA5	0.6	0.8			75	45	8	5039601002	250.78
EKJ-1202PA	0.8	1.0			83.4	50	8	5000155018	243.52
EKJ-1202PA5	0.8	1.0			83.4	50	8	5001013004	259.32



Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	H (mm)	H1 (mm)
EKJ-1002PA/PA5	G1	G1	453.5	99	276	512	453
EKJ-1202PA/PA5							

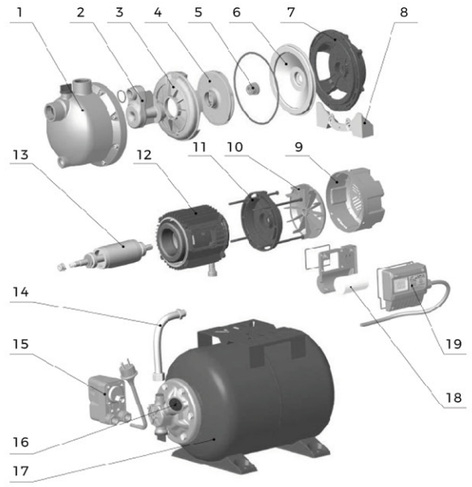
Hydraulic Performance Curves



Material Table

No.	Part
1	Pump body
2	Fluid body
3	Water outlet cover
4	Impeller
5	Mechanical seal
6	Bracket cover
7	Bracket
8	Bracket feet
9	Fan cover
10	Fan
11	Rear cover
12	Stator
13	Rotor
14	Hose
15	Pressure switch

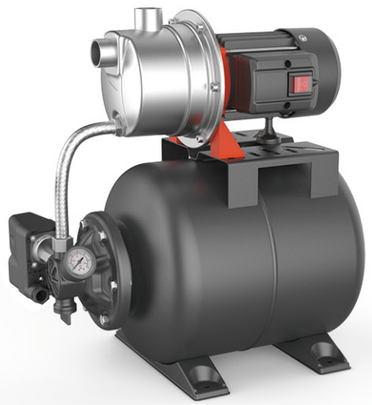
No.	Part
16	Pressure gauge
17	Pressure tank
18	Capacitor
19	Cover box



EKJ-SA/SA5 Pressure Booster



Optional
five-way valve



Application

- Self - priming garden pump, also suitable for the pressurisation of water in domestic applications

Pump

- Compact, light, robust and easy to use
- The pressure tank configuration will bring a better user experience
- Equipped with stainless steel pump body
- Max. fluid temperature: +35˚C
- Max. suction: +7 m

Motor

- Motor with thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +35˚C
- Power cable: H07RN-F 1.5m with European plug

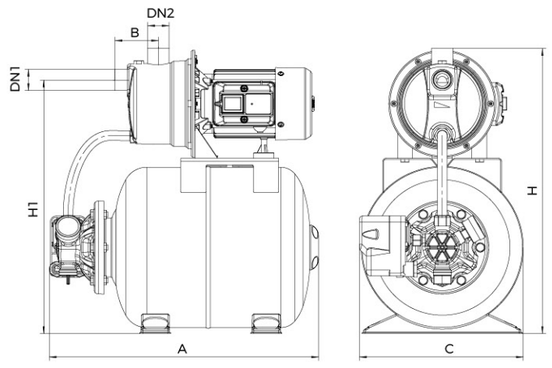
Identification Codes

EKJ - 602 S A 5

- 5 — With 5-Way Valve
- A — Air Tank
- S — Pump Body Material: Stainless Steel
- 602 — Power (W)
- EKJ — Garden Jet Pump

Technical Data

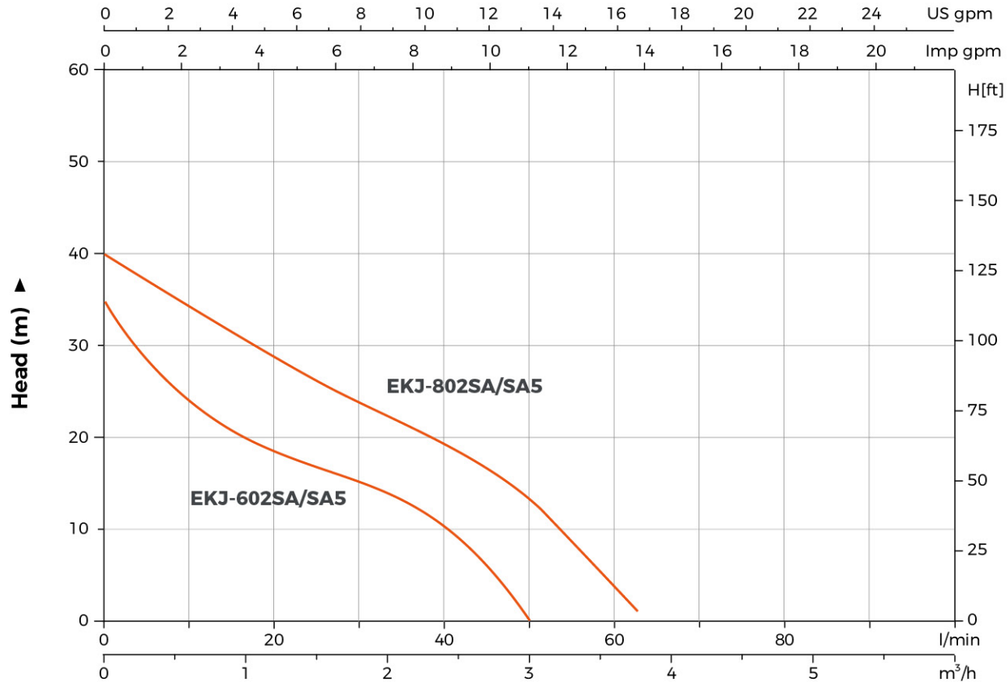
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
EKJ-602SA	0.6	0.8	220-240	1"x1"	50	35	7	5000177012	214.06
EKJ-602SA5	0.6	0.8			50	35	7	5000360004	229.01
EKJ-802SA	0.8	1.0			61.7	40	7	5000052023	227.72
EKJ-802SA5	0.8	1.0			61.7	40	7	5000274005	243.08



Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	H (mm)	H1 (mm)
EKJ-602SA/SA5	G1	G1	454	73	276	480	427
EKJ-802SA/SA5							

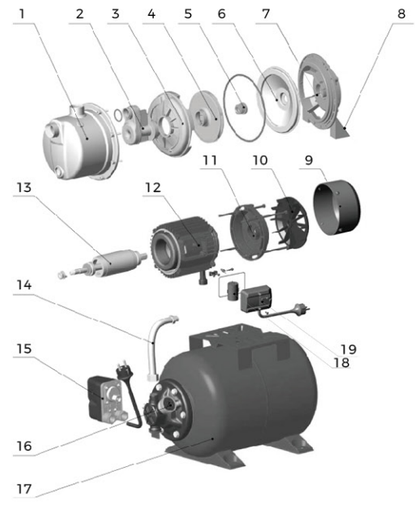
Hydraulic Performance Curves



Material Table

No.	Part
1	Pump body
2	Fluid body
3	Water outlet cover
4	Impeller
5	Mechanical seal
6	Bracket cover
7	Bracket
8	Bracket feet
9	Fan cover
10	Fan
11	Rear cover
12	Stator
13	Rotor
14	Hose
15	Pressure switch

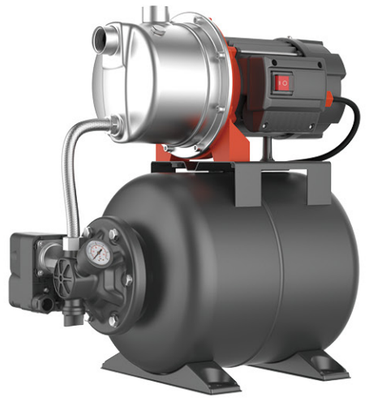
No.	Part
16	Pressure gauge
17	Pressure tank
18	Capacitor
19	Cover box



EKJ-SA/SA5 Pressure Booster



Optional five-way valve



Application

- Self - priming garden pump, also suitable for the pressurisation of water in domestic applications

Pump

- Compact, light, robust and easy to use
- The pressure tank configuration will bring a better user experience
- Equipped with stainless steel pump body
- Max. fluid temperature: +35˚C
- Max. suction: +8 m

Motor

- Motor with thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +35˚C
- Power cable: H07RN-F 1.5m with European plug

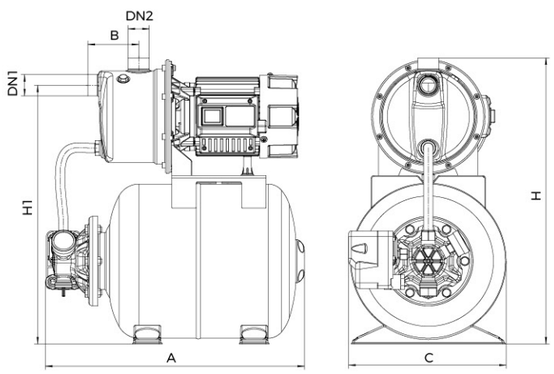
Identification Codes

EKJ - 1202 S A 5

- 5 — With 5-Way Valve
- A — Air Tank
- S — Pump Body Material: Stainless Steel
- 1202 — Power (W)
- EKJ — Garden Jet Pump

Technical Data

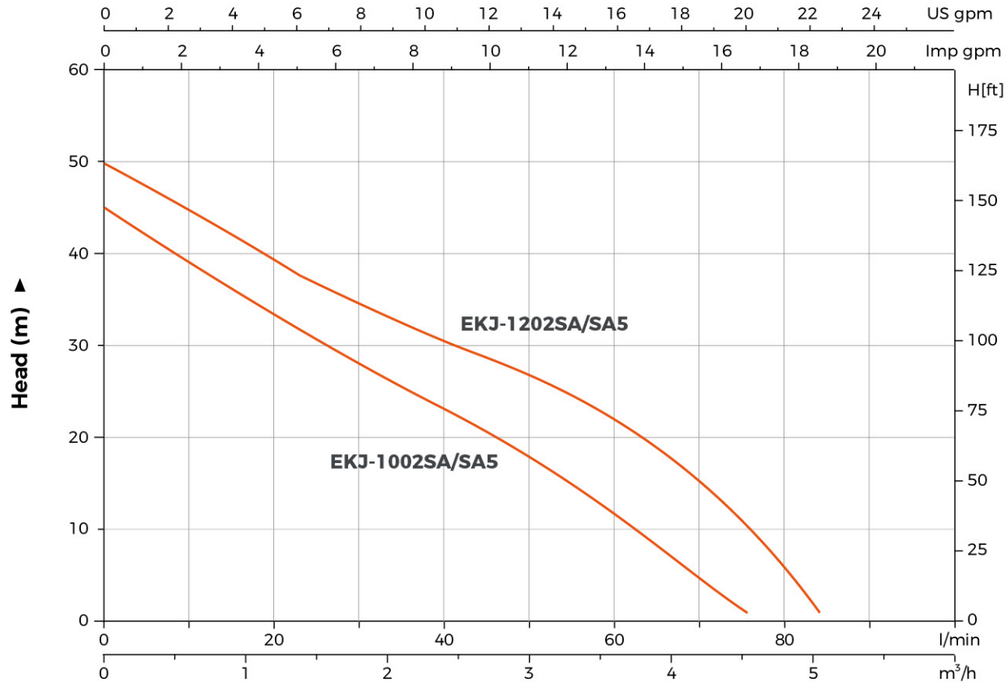
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
EKJ-1002SA	0.6	0.8	220-240	1"x1"	75	45	8	5000077019	250.78
EKJ-1002SA5	0.6	0.8			75	45	8	5001019004	266.17
EKJ-1202SA	0.8	1.0			83.4	50	8	5000029028	259.32
EKJ-1202SA5	0.8	1.0			83.4	50	8	5039602003	274.28



Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	H (mm)	H1 (mm)
EKJ-1002SA/SA5	G1	G1	455	89	284	502	453
EKJ-1202SA/SA5							

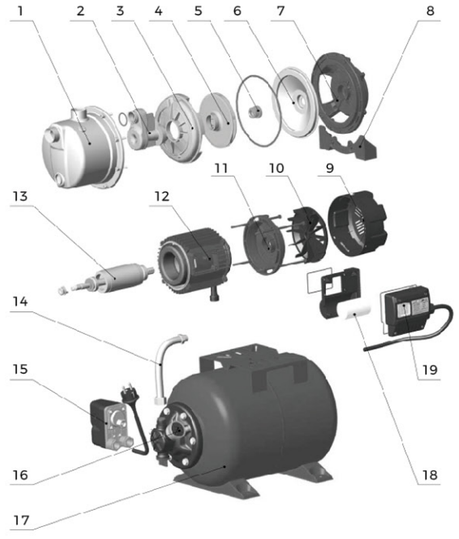
Hydraulic Performance Curves



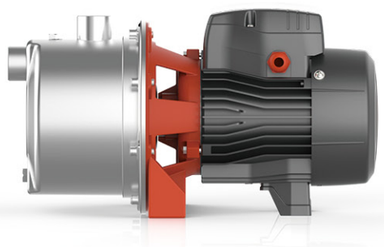
Material Table

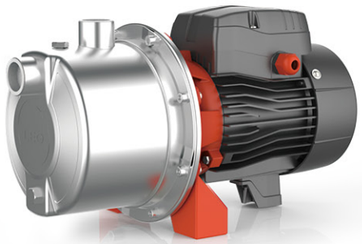
No.	Part
1	Pump body
2	Fluid body
3	Water outlet cover
4	Impeller
5	Mechanical seal
6	Bracket cover
7	Bracket
8	Bracket feet
9	Fan cover
10	Fan
11	Rear cover
12	Stator
13	Rotor
14	Hose
15	Pressure switch

No.	Part
16	Pressure gauge
17	Pressure tank
18	Capacitor
19	Cover box



AJ Stainless Steel Jet Pump





Application

- Suitable for lifting water from the well, sprinkling irrigation in garden, pressure boosting of running water, and supporting equipment etc.

Pump

- Stainless steel pump body
- Support under special anti-rust treatment
- Stainless steel impeller
- SS304 shaft
- Max. liquid temperature: +60℃
- Max. suction: +9 m
- Pressure switch available

Motor

- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max.ambient temperature: +50℃
- 30cm power cable without plug

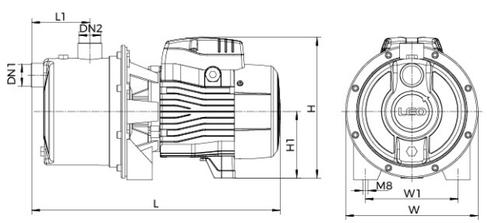
Identification Codes

A J m 30 S

- S — Stainless Steel Pump Body
- 30 — Power (x10W)
- m — Single Phase Motor (Omitted for three-phase motor)
- J — Jet Pump
- A — LEO Product Style

Technical Data

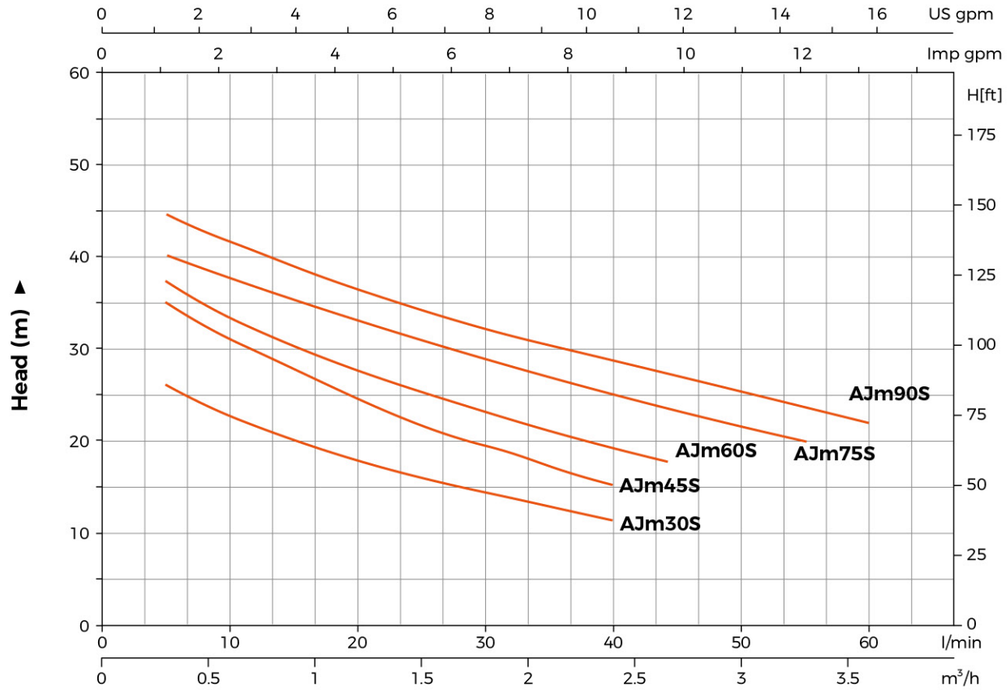
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
AJm30S	0.3	0.4	220-240	1"x1"	40	30	9	5055873003	159.37
AJm45S	0.45	0.6			40	38	9	5043902005	171.34
AJm60S	0.6	0.8			47	42	9	5049424006	215.31
AJm75S	0.75	1.0			55	47	9	5044244013	232.00
AJm90S	0.9	1.2			60	48	9	5044245010	243.97



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
AJm30S	G1	G1	329	180	181.5	75	140	92
AJm45S			329	180	181.5	75	140	92
AJm60S			385	200	213	88	140	103
AJm75S			385	200	213	88	140	103
AJm90S			385	200	213	88	140	103

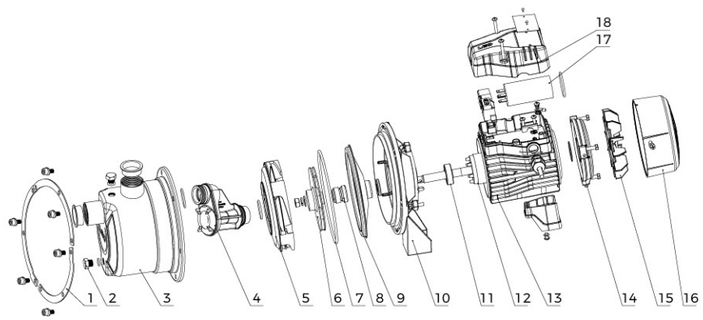
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Flat washer	SS304
2	Affusion plug screw	Brass
3	Pump body	SS304
4	Interval channel	PPO-GF30
5	Water outlet cover	PPO-GF30
6	Impeller	SS304
7	O-ring	NBR
8	Mechanical seal	
9	Bracket cover	SS304
10	Bracket	ADC12
11	Bearing	
12	Rotor	
13	Stator	
14	End plate	ADC12
15	Fan	PP-GF15

No.	Part	Material
16	Fan cover	PP-GF10
17	Capacitor	
18	Cover box	



AJ Jet Pump









AJm30/AJm45

AJm75H/AJm90H

Cast iron water outlet cover available as optional for AJm30/AJm45/AJm75H/ AJm90H.

Application

- Suitable for lifting water from the well, sprinkling irrigation in garden, pressure boosting of running water, and supporting equipment etc.

Pump

- Cast iron pump body and support under special anti-rust treatment
- Stainless steel impeller
- SS304 shaft
- Max. liquid temperature: +60℃
- Max. suction: +9 m
- Pressure switch available
- Pump body with built in check valve

Motor

- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max.ambient temperature: +50 ℃
- 30cm power cable without plug

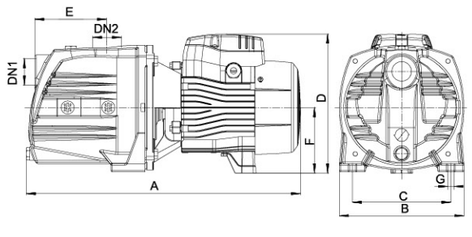
Identification Codes

A J m 30 (H)

- (H) — High Head
- 30 — Power (x10W)
- m — Single Phase Motor (Omitted for three-phase motor)
- J — Jet Pump
- A — LEO Product Style

Technical Data

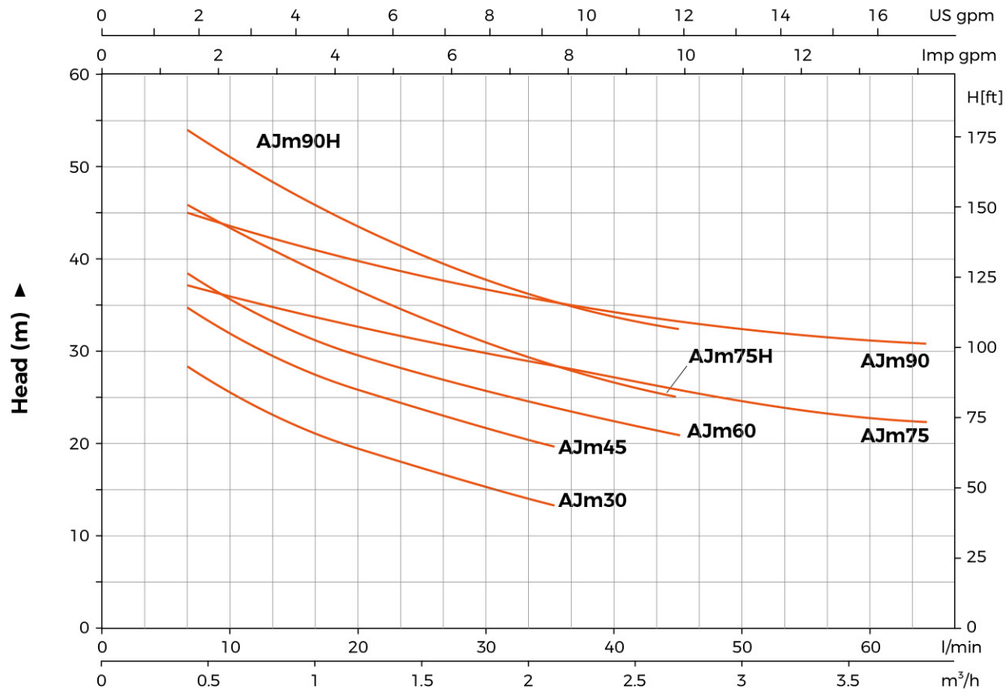
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
AJm30	0.3	0.4	220-240	1"x1"	35	33	9	5048133004	157.23
AJm45	0.45	0.6			35	38	9	5049812005	170.05
AJm60	0.6	0.8			47	44	9	5044729008	223.45
AJm75	0.75	1.0			65	40	9	5049813009	240.94
AJm75H	0.75	1.0			47	50	9	5046892004	240.94
AJm90	0.9	1.2			65	48	9	5046890007	254.20
AJm90H	0.9	1.2			47	60	9	5046891004	254.20



Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
AJm30	G1	G1	351(377)	160	125	182	90(125)	90	10
AJm45			351(377)	160	125	182	90(125)	90	10
AJm60			418(437)	190	150	213	114(145)	100	10
AJm75			418(437)	190	150	213	114(145)	100	10
AJm75H			418(437)	190	150	213	114(145)	100	10
AJm90			418(437)	190	150	213	114(145)	100	10
AJm90H			418(437)	190	105	213	114(145)	100	10

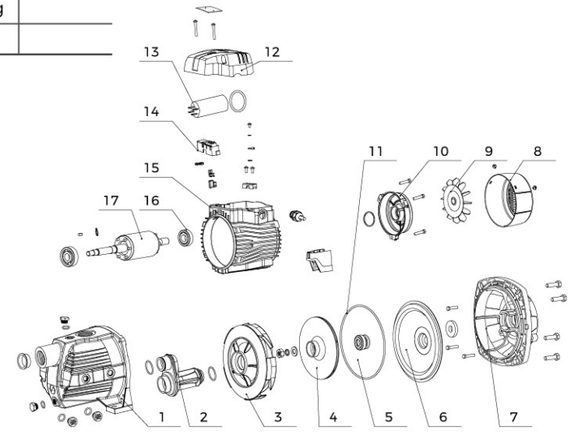
Hydraulic Performance Curves



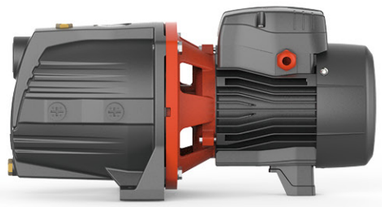
Material Table

No.	Part	Material
1	Pump body	Cast iron
2	Interval channel	PP-GF30
3	Water outlet cover	PP-GF30/Cast iron
4	Impeller	SS304(Standard) PPO(Optional)
5	Mechanical seal	
6	Bracket cover	SS304
7	Bracket	ADC12
8	Fan cover	PP
9	Fan	PP-GF10
10	End plate	ADC12
11	O-ring	NBR
12	Cover box	PP-GF20
13	Capacitor	
14	Wiring base assembly	PC

No.	Part	Material
15	Stator	
16	Bearing	
17	Rotor	



AJ Jet Pump





Cast iron water outlet cover available as optional for AJm110H/AJm150H/ AJm150L/AJm220H.

Application

- Suitable for lifting water from the well, sprinkling irrigation in garden, pressure boosting of running water, and supporting equipment etc.

Pump

- Cast iron pump body and support under special anti-rust treatment
- Stainless steel impeller
- SS304 shaft
- Max. liquid temperature: +60℃
- Max. suction: +9 m
- Pressure switch available

Motor

- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max.ambient temperature: +50 ℃
- 30cm power cable without plug

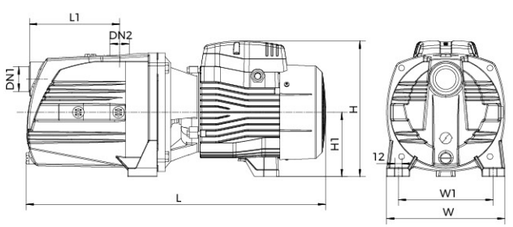
Identification Codes

A J m 110 (L)

- (L) — Large Flow
- 110 — Power (x10W)
- m — Single Phase Motor (Omitted for three-phase motor)
- J — Jet Pump
- A — LEO Product Style

Technical Data

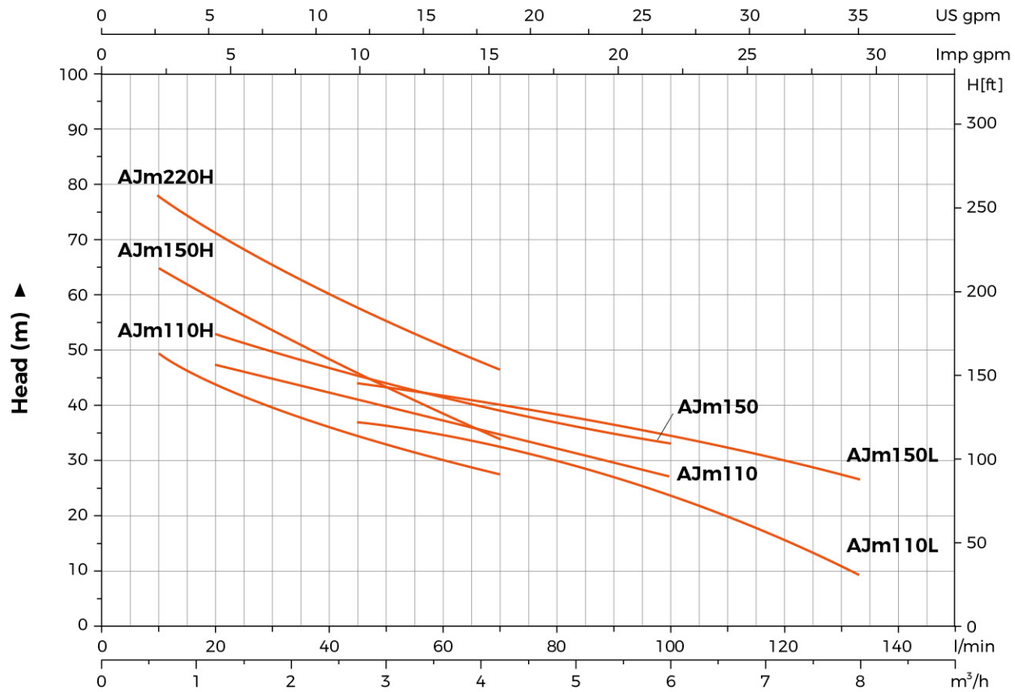
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
AJm110	1.1	1.5	220-240	1 1/4"x1"	100	55	9	5057643002	402.44
AJm110H	1.1	1.5			70	60	9	5044730007	402.44
AJm110L	1.1	1.5			140	47	9	5046329005	402.44
AJm150	1.5	2			100	60	9	5058454002	435.33
AJm150H	1.5	2			70	72	9	5044479005	435.33
AJm150L	1.5	2			140	54	9	5046325006	435.33
AJm220H	2.2	3		1 1/2"x1 1/2"	70	85	9	5063152002	440.05



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
AJm110	G1 1/4	G1	512	206	236	153	165	112
AJm110H			512	206	236	153	165	112
AJm110L			512	206	236	153	165	112
AJm150			512	206	236	153	165	112
AJm150H			512	206	236	153	165	112
AJm150L			512	206	236	153	165	112
AJm220H	G1 1/2	G1 1/2	512	206	236	153	165	112

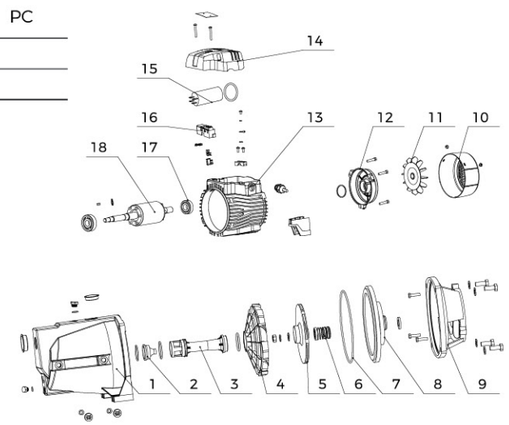
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump body	Cast iron
2	Nozzle	PP-GF30
3	Lance tube	PP-GF30
4	Water outlet cover	PP-GF30/Cast iron
5	Impeller	PP-GF30
6	Mechanical seal	
7	O-ring	NBR
8	Bracket cover	Cast iron
9	Bracket	ADC12
10	Fan cover	PP
11	Fan	PP-GF10
12	End plate	ADC12
13	Stator	
14	Cover box	PP-GF20

No.	Part	Material
15	Capacitor	
16	Wiring base assembly	PC
17	Bearing	
18	Rotor	



DOMESTIC COLD WATER PRESSURE BOOSTING INTELLIGENT

MAC Permanent Magnet Intelligent Booster



MAC Permanent Magnet Intelligent Booster



Application

- MAC550 is permanent magnet intelligent pump, suitable for all domestic water applications

Pump

- Can adjust motor speed automatically according to water demand
- Multiple Protection to avoid accident
- Ambient temperature: Max. +40°C
- Liquid temperature: Max. +50°C
- Liquid PH value: 6.5 ~ 8.5
- System pressure: Max. 10bar

Motor

- Permanent magnet motor
- Insulation class: F
- Enclosures class:IPX4
- Power cable: 1.5m with European plug

Identification Codes

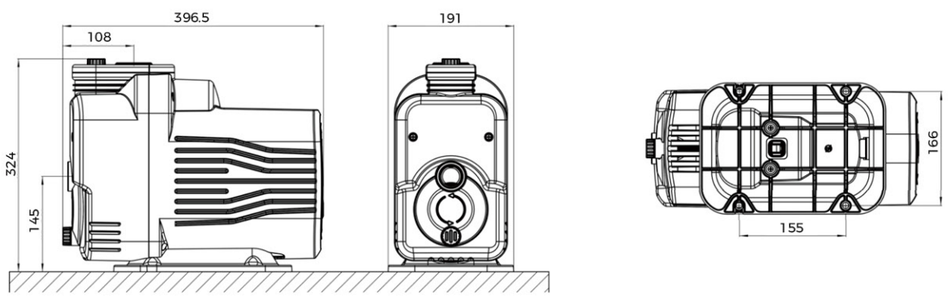
MAC 550

- 550 — Power (W)
- MAC — Permanent Magnet Intelligent Booster

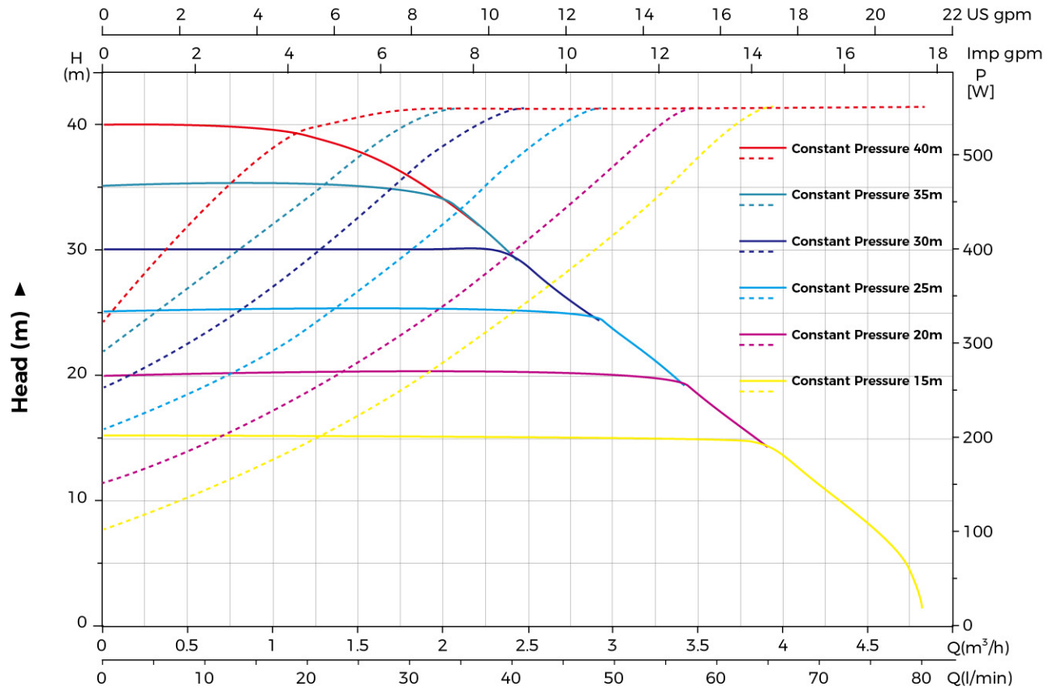
Technical Data

Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V		l/min	m		€
MAC550	0.55	0.75	220-240	1"x1"	80	40	5002056115	826.40

Dimension



Hydraulic Performance Curves

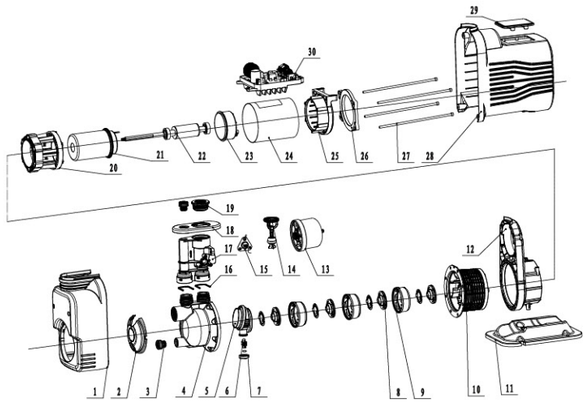


Q-H Curves are Solid lines, Q-P curves are Dotted lines

Capacity Q ►

Material Table

No.	Part	No.	Part
1	Front shell	16	Blot
2	Inlet cover	17	Outlet pipe
3	Water injection plug	18	Outlet cover
4	Pump body	19	Adapater
5	Recirculation cover assembly	20	Support frame
6	Plastic self-priming valve	21	Stator
7	Self suction valve nut	22	Rotor
8	Impeller	23	End plate
9	Diversion shell assembly	24	Cylinder
10	Bracket	25	Rear and cover bracket
11	Base plate	26	Strengthening plate
12	Motor base	27	Hexagon socket head cap screw
13	Pressure tank	28	Rear shell
14	Check valve assrmbly	29	Display
15	Pressure sensor assembly	30	Controller assembly

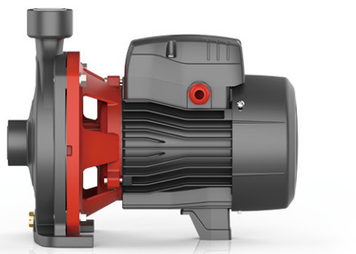


DOMESTIC COLD WATER PRESSURE BOOSTING CENTRIFUGAL

AC Centrifugal Pump
AC Multistage Centrifugal Pump
AMS Stainless Steel Centrifugal Pump



AC Centrifugal Pump





Application

- Suitable for industrial use and urban water supply, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air conditioning, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

Pump

- Cast iron pump body and support under special anti-rust treatment
- SS304 shaft
- Max. liquid temperature: +60℃
- Max. suction: +8 m
- Pressure switch available

Motor

- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +50℃
- 30cm power cable without plug

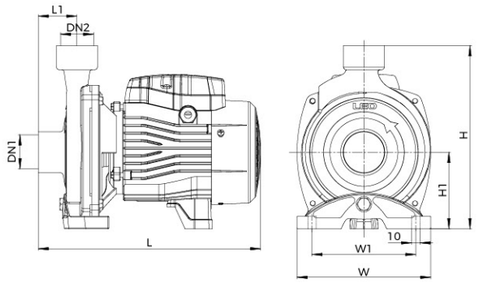
Identification Codes

A C m 110 (L)

- (L) — Large Flow
- 110 — Power (x10W)
- m — Single Phase Motor (Omitted for three-phase motor)
- C — Centrifugal Pump
- A — LEO Product Style

Technical Data

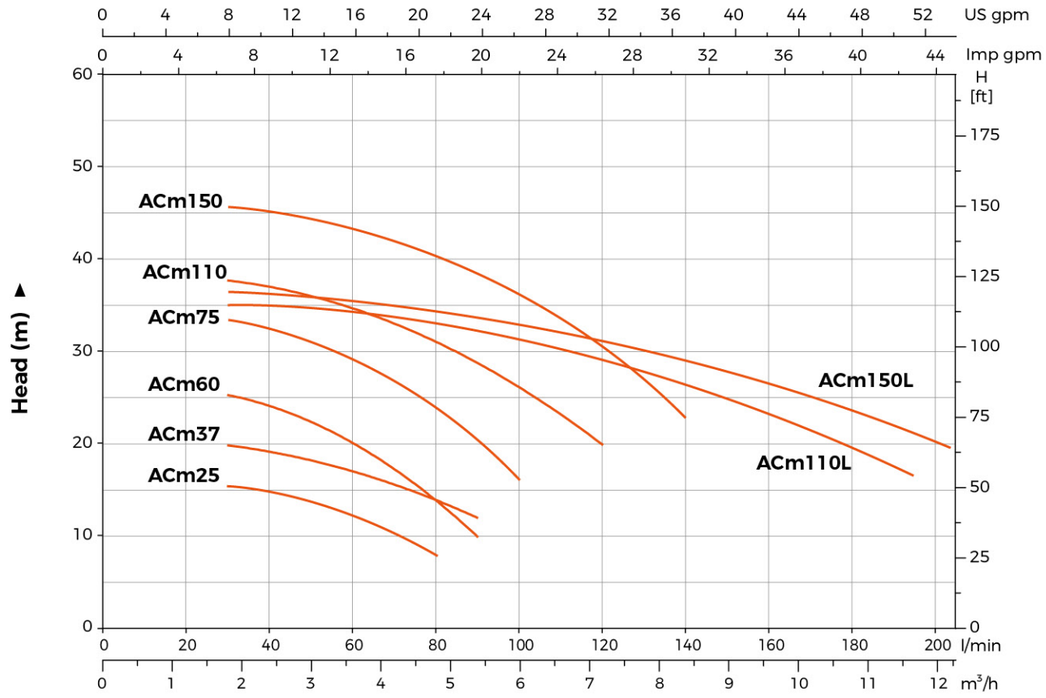
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
ACm25	0.25	0.3	220-240	1"x1"	80	17	8	5043901002	152.11
ACm37	0.37	0.5			90	23	8	5051426004	166.62
ACm60	0.5	0.8			90	27	8	5056599002	214.46
ACm75	0.75	1			100	36	8	5044048012	242.23
ACm110	1.1	1.5		1 1/4"x1"	120	40	8	5049423007	337.51
ACm150	1.5	2			140	48	8	5044047012	496.43
ACm110L	1.1	1.5		1 1/2"x1"	195	34.5	8	5045404004	357.18
ACm150L	1.5	2			200	37.5	8	5045405005	387.09



Dimension

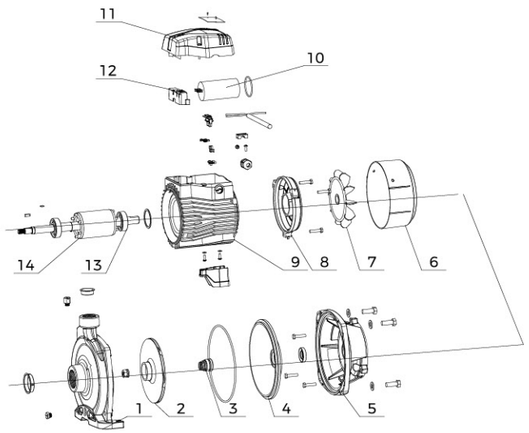
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
ACm25	G1	G1	257	157	216	40	123	90
ACm37			257	157	216	40	123	90
ACm60			303	190	240	45	160	100
ACm75			303	190	240	45	160	100
ACm110	G1 1/4		359	206	265	50	178	112
ACm150			360	240	286	52	207	115
ACm110L	G1 1/2		359	206	265	50	178	112
ACm150L			359	206	265	50	178	112

Hydraulic Performance Curves



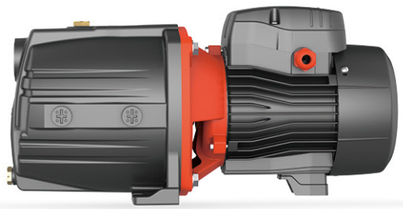
Material Table

No.	Part	Material
1	Pump body	Cast iron
2	Impeller	SS304/Brass
3	Mechanical seal	
4	Support cover	SS304/Cast iron
5	Support	ADC12
6	Fan cover	PP
7	Fan	PP-GF10
8	End plate	ADC12
9	Stator	
10	Capacitor	
11	Cover box	PP-GF20
12	Wiring base assembly	PC
13	Bearing	
14	Rotor	



AC Multistage Centrifugal Pump

Back to Contents





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for industrial use and urban water supply, domestic water supply, high rise buildings, long distance water transfer and related auxiliary equipment etc.

Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperture: +60˚C
- Max.suction: + 8m

Motor

- Low noise&Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperture: +50˚C
- IE 2 motor for 4AC75

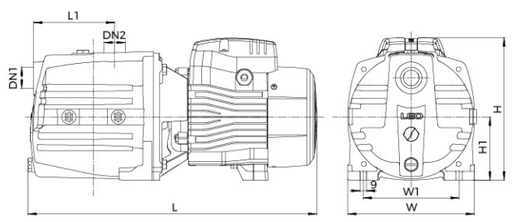
Identification Codes

3 A C m 45

- 45 — Power (x10W)
- m — Single Phase Motor (Omitted for three-phase motor)
- C — Centrifugal Pump
- A — LEO Product Style
- 3 — Impeller Stage

Technical Data

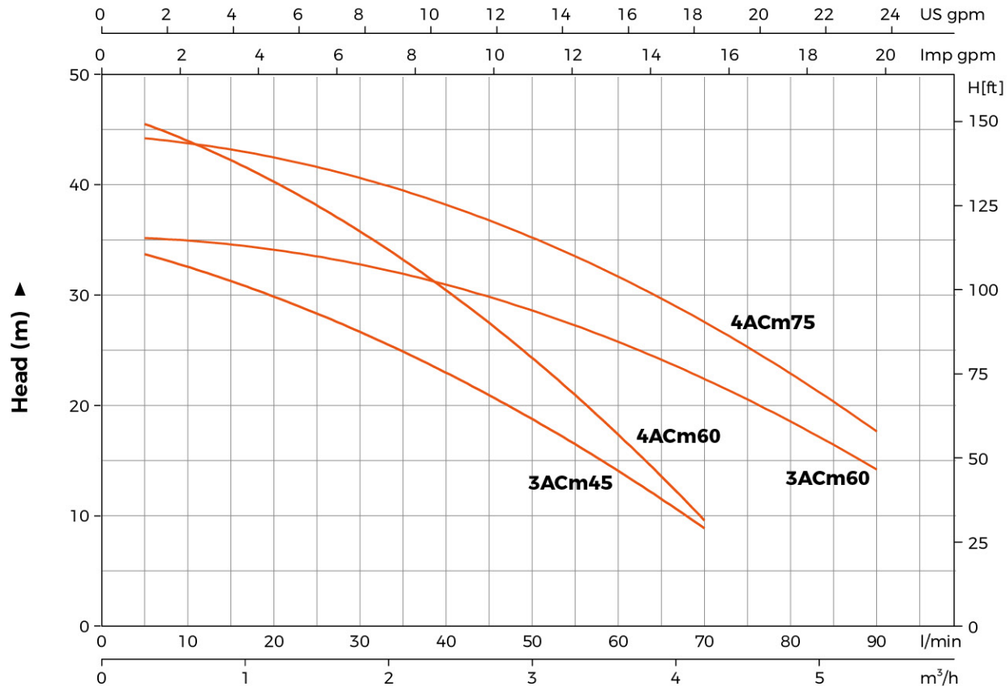
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
3ACm45	0.45	0.6	220-240	1"x1"	70	35	8	5051425004	225.59
4ACm60	0.6	0.85			70	46.5	8	5051419004	270.85
3ACm60	0.6	0.85			90	36	8	5051773003	249.08
4ACm75	0.75	1			90	46.5	8	5051421003	278.55



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
3ACm45	G1	G1	356	180	182	97	136	90
4ACm60			410.5	180	202	123	132	90
3ACm60			385.5	180	202	97	136	90
4ACm75			410.5	180	202	123	132	90

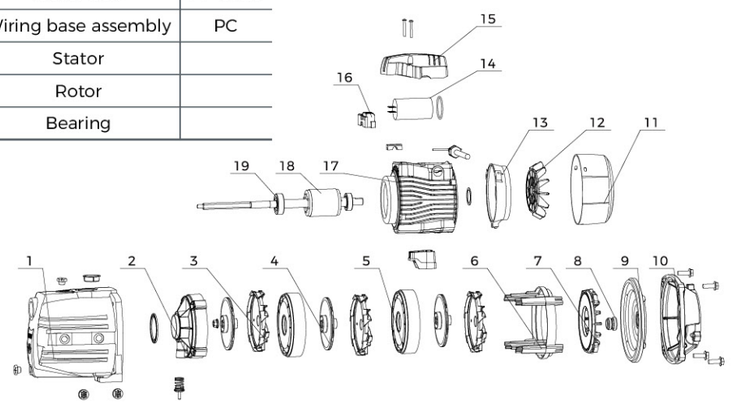
Hydraulic Performance Curves



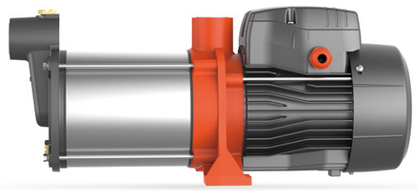
Material Table

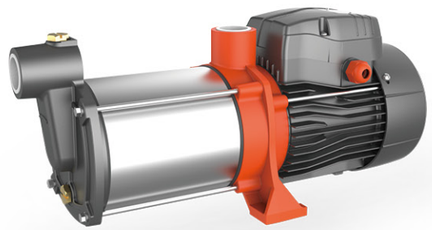
No.	Part	Material
1	Pump body	HT200
2	Reflux cover	PP-GF30
3	Cuide vane one	PP-GF30
4	Impeller	PP-GF30
5	Guide vane two	PP-GF30
6	Fixed frane	PP-GF30
7	Carriage	PP-GF30
8	Mechanical seal	
9	Bracket cover	HT200
10	Bracket	ADC12
11	Fan cover	PP
12	Fan	PP-GF10

No.	Part	Material
13	End plate	ADC12
14	Capacitor	
15	Cover box	PP-GF20
16	Wiring base assembly	PC
17	Stator	
18	Rotor	
19	Bearing	



AC Multistage Centrifugal Pump





Application

- Suitable for industrial use and urban water supply, domestic water supply, high rise buildings, long distance water transfer and related auxiliary equipment etc.

Pump

- Cast iron pump body and support under special anti-rust treatment
- SS304 shaft
- Max. liquid temperture: +60˚C
- Max.suction: + 8 m
- Pressure switch available

Motor

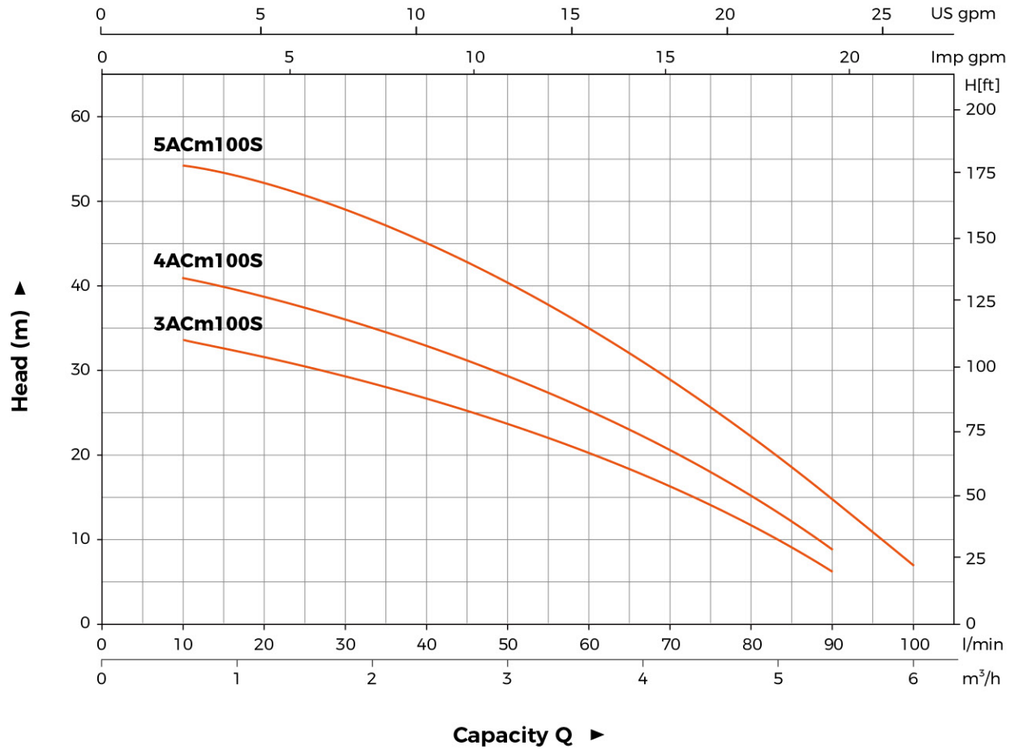
- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperture: +50˚C
- 30cm power cable without plug

Identification Codes

3 A C m 100 S

- S — Stainless Steel Barrel
- 100 — Impeller Nominal Diameter (mm)
- m — Single Phase Motor (Omitted for three-phase motor)
- C — Centrifugal Pump
- A — LEO Product Style
- 3 — Impeller Stage

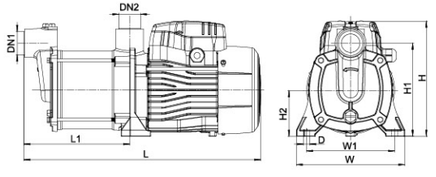
Hydraulic Performance Curves



Technical Data

Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
3ACm100S	0.6	0.8	220-240	1"x1"	90	35	8	5045664002	243.08
4ACm100S	0.75	1			90	45	8	5068233001	280.28
5ACm100S	0.9	1.2			100	55	8	5044253003	331.95

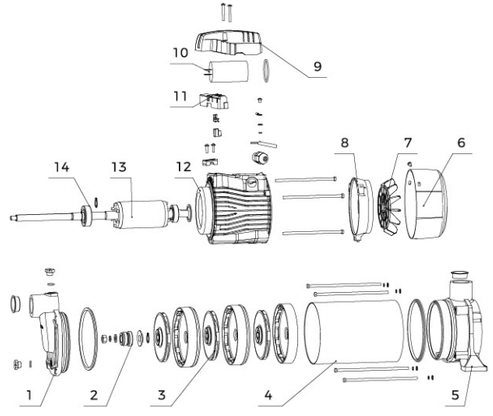
Dimension



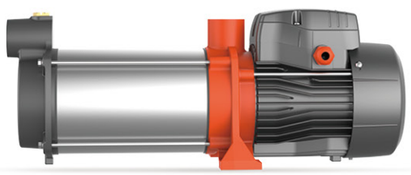
Model	DN1	DN2	L (mm)	L1 (mm)	W (mm)	W1 (mm)	H (mm)	H1 (mm)	H2 (mm)	D (mm)
3ACm100S	G1	G1	384	172	176	140	187	151	75	10
4ACm100S			408	196						
5ACm100S			432	220						

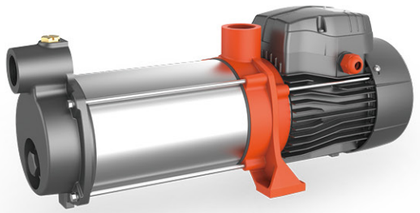
Material Table

No.	Part	Material
1	Pump body	Cast iron
2	Mechanical seal	
3	Impeller	PPO-GF30
4	Pump barrel	SS304
5	Bracket	Cast iron
6	Fan cover	PP
7	Fan	PP-GF10
8	End plate	ADC12
9	Cover box	PP-GF20
10	Capacitor	
11	Wiring base assembly	PC
12	Stator	
13	Rotor	
14	Bearing	



ACS Multistage Centrifugal Pump





Application

- Suitable for industrial use and urban water supply, domestic water supply, high rise buildings, long distance water transfer and related auxiliary equipment etc.

Pump

- Pump with self-priming design
- Cast iron pump body and support under special anti-rust treatment
- SS304 shaft
- Max. liquid temperture: +60˚C
- Max.suction: + 8 m
- Pressure switch available

Motor

- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperture: +50˚C
- 30cm power cable without plug

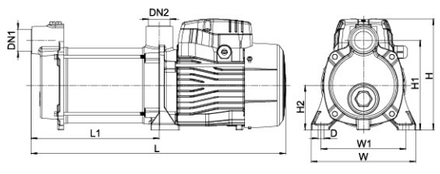
Identification Codes

3 A CS m 100 S

- S — Stainless Steel Barrel
- 100 — Impeller Nominal Diameter (mm)
- m — Single Phase Motor (Omitted for three-phase motor)
- CS — Self-priming Centrifugal Pump
- A — LEO Product Style
- 3 — Impeller Stage

Technical Data

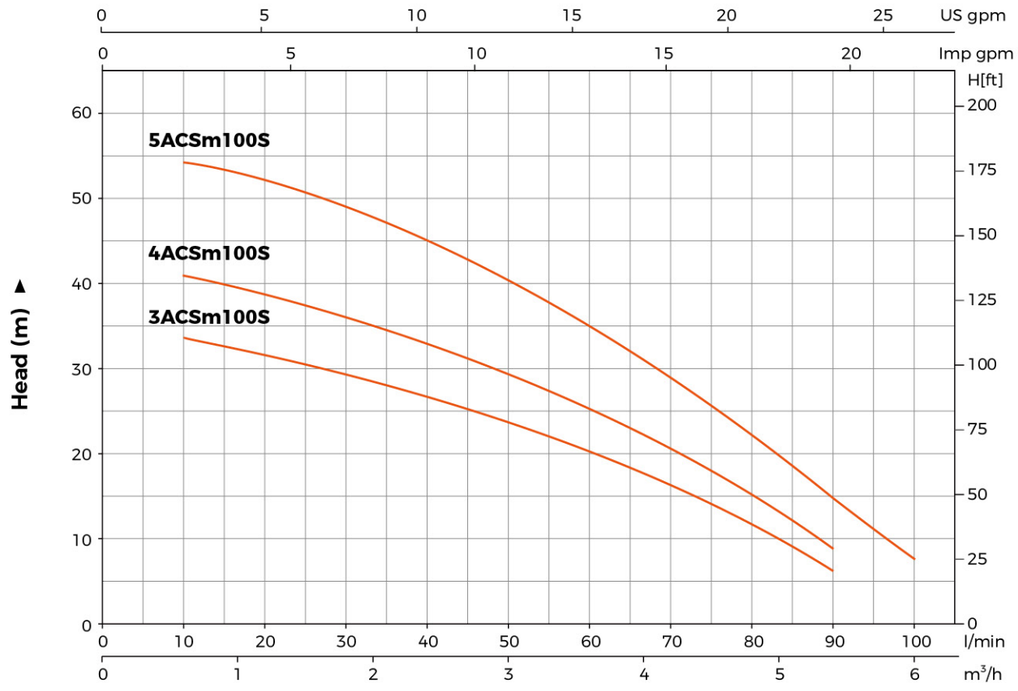
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
3ACSm100S	0.6	0.8	220-240	1"x1"	90	35	8	5045099005	273.87
4ACSm100S	0.75	1			90	45	8	5045097004	314.01
5ACSm100S	0.9	1.2			100	55	8	5047076008	376.81



Dimension

Model	DN1	DN2	L (mm)	L1 (mm)	W (mm)	W1 (mm)	H (mm)	H1 (mm)	H2 (mm)	D (mm)
3ACSm100S	G1	G1	429	216	176	140	187	151	75	10
4ACSm100S			453	240						
5ACSm100S			477	264						

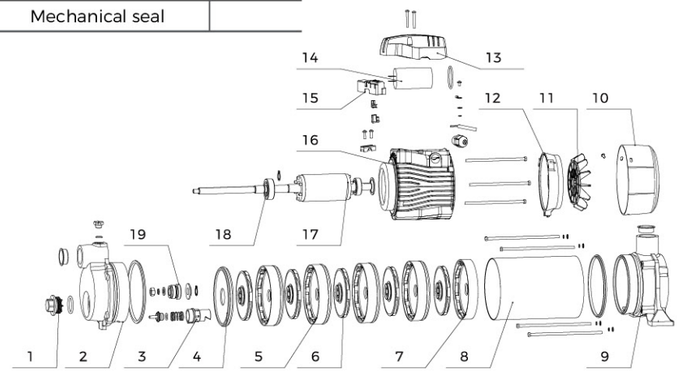
Hydraulic Performance Curves



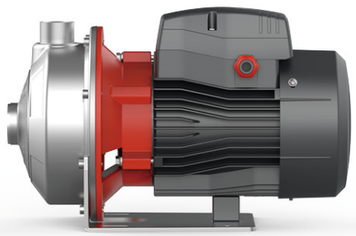
Material Table

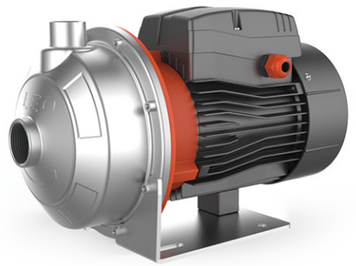
No.	Part	Material
1	Pump body plug	PPO-GF30
2	Pump body	Cast iron
3	Return valve	PPO-GF30
4	Pump cover	PPO-GF30
5	Water outlet cover	PPO-GF30
6	Impeller	PPO-GF30
7	Final diffuser	PPO-GF30
8	Pump barrel	SS304
9	Bracket	Cast iron
10	Fan cover	PP
11	Fan	PP-GF10
12	End plate	ADC12
13	Cover box	PP-GF20
14	Capacitor	
15	Wiring base assembly	PC

No.	Part	Material
16	Stator	
17	Rotor	
18	Deep grove ball bearing	
19	Mechanical seal	



AMS S.S. Centrifugal Pump





Application

- It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Pump

- SS304 pump body
- SS304 shaft
- Max. operating pressure: 4.5 bar
- Max.liquid temperature: +85˚C
- Altitude: up to 1000 m
- Pressure switch available

Motor

- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperture: +40˚C
- 30cm power cable without plug

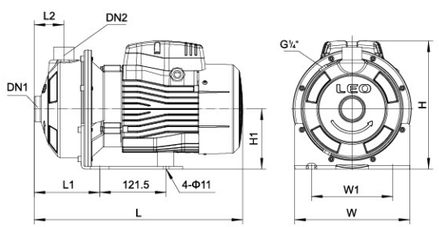
Identification Codes

A MS m 70 / 0.37

- 0.37 — Rated Power (kW)
- 70 — Rated Flow (l/min)
- m — Single Phase Motor (Omitted for three-phase motor)
- MS — Stainless Steel Centrifugal Pump
- A — LEO Product Style

Technical Data

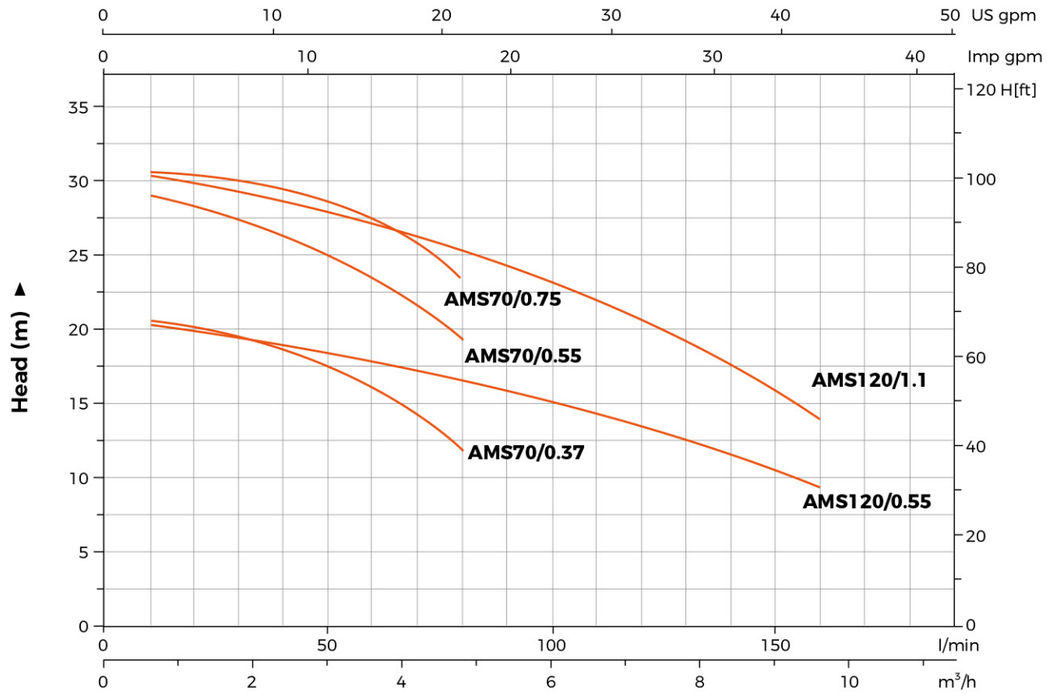
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V		l/min	m		€
AMSm70/0.37	0.37	0.5	220-240	1¼"x1"	80	20.9	5043887016	245.22
AMSm70/0.55	0.55	0.75			80	29.5	5049737015	262.30
AMSm70/0.75	0.75	1.0			80	30.4	5044140029	316.15
AMSm120/0.55	0.55	0.75			160	20.2	5044139010	261.06
AMSm120/1.1	1.1	1.5			160	30.2	5035373019	334.53



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)
AMSm70/0.37	G1¼	G1	332	210	224	119	55	149	110
AMSm70/0.55			332	210	224	119	55	149	110
AMSm70/0.75			381	210	224	119	55	149	110
AMSm120/0.55			332	210	224	119	55	149	110
AMSm120/1.1			381	210	234	119	55	149	110

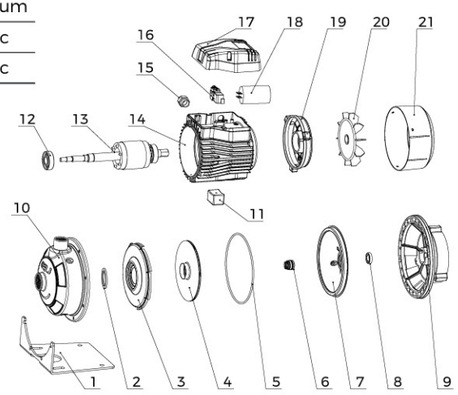
Hydraulic Performance Curves



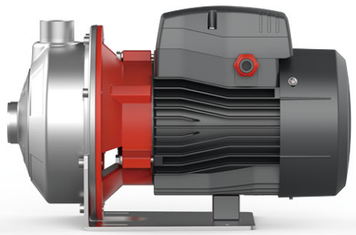
Material Table

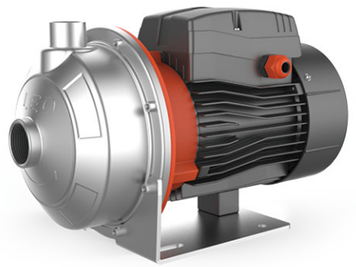
No.	Part	Material
1	Support base	S235JR
2	Impeller sealing ring	EDPM
3	Diffuser	SS304
4	Impeller	SS304
5	O-ring	NBR
6	Mechanical seal	Graphite/SiC
7	Bracket cover	SS304
8	Rotary lip seal	
9	Bracket	Aluminum
10	Pump body	SS304
11	Supporting foot	
12	Deep groove ball bearings	
13	Rotor	
14	Stator	
15	Outlet	Plastic

No.	Part	Material
16	Terminal block/terminal	Plastic
17	Terminal box	Plastic
18	Capacitance	
19	Rear cover	Aluminum
20	Fan	Plastic
21	Fan cover	Plastic



AMS S.S. Centrifugal Pump





Application

- It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Pump

- SS304 pump body
- SS304 shaft
- Max. operating pressure: 4.5 bar
- Max.liquid temperature: +85˚C
- Altitude: up to 1000 m
- Pressure switch available

Motor

- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperture: +40˚C
- 30cm power cable without plug

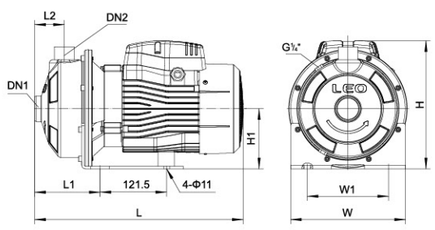
Identification Codes

A MS m 210 / 1.5

- Rated Power (kW)
- Rated Flow (l/min)
- Single Phase Motor (Omitted for three-phase motor)
- Stainless Steel Centrifugal Pump
- LEO Product Style

Technical Data

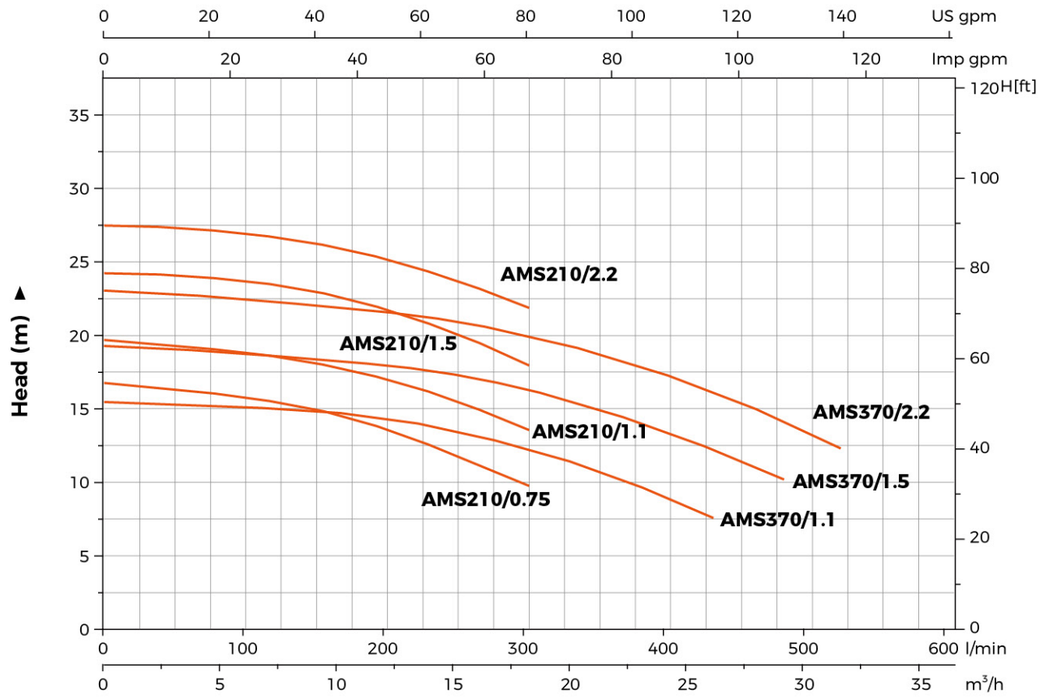
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V		l/min	m		€
AMSm210/0.75	0.75	1	220-240	1 1/2"x1 1/4"	300	16.8	5045106013	321.71
AMSm210/1.1	1.1	1.5			300	19.7	5044725014	338.80
AMSm210/1.5	1.5	2			300	24.2	5044726019	413.97
AMSm210/2.2	2.2	3			300	27.5	5046354015	461.41
AMSm370/1.1	1.1	1.5		2"x1 1/4"	430	15.4	5046355007	336.67
AMSm370/1.5	1.5	2			480	19.3	5046444010	412.72
AMSm370/2.2	2.2	3			520	23.1	5044727008	457.58



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)
AMSm210/0.75	G1 1/2	G1 1/4	392	210	234	129	55	149	110
AMSm210/1.1			392	210	234	129	55	149	110
AMSm210/1.5			440	210	250	129	55	149	110
AMSm210/2.2			440	210	250	129	55	149	110
AMSm370/1.1	G2		392	210	234	129	55	149	110
AMSm370/1.5			440	210	250	129	55	149	110
AMSm370/2.2			440	210	250	129	55	149	110

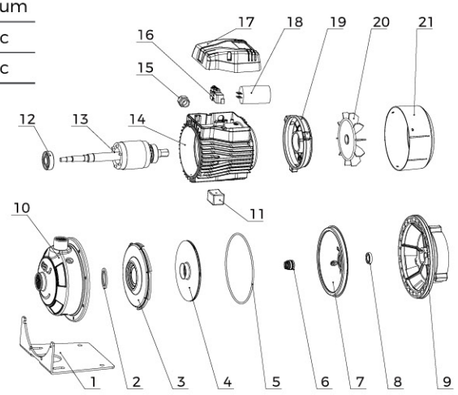
Hydraulic Performance Curves



Material Table

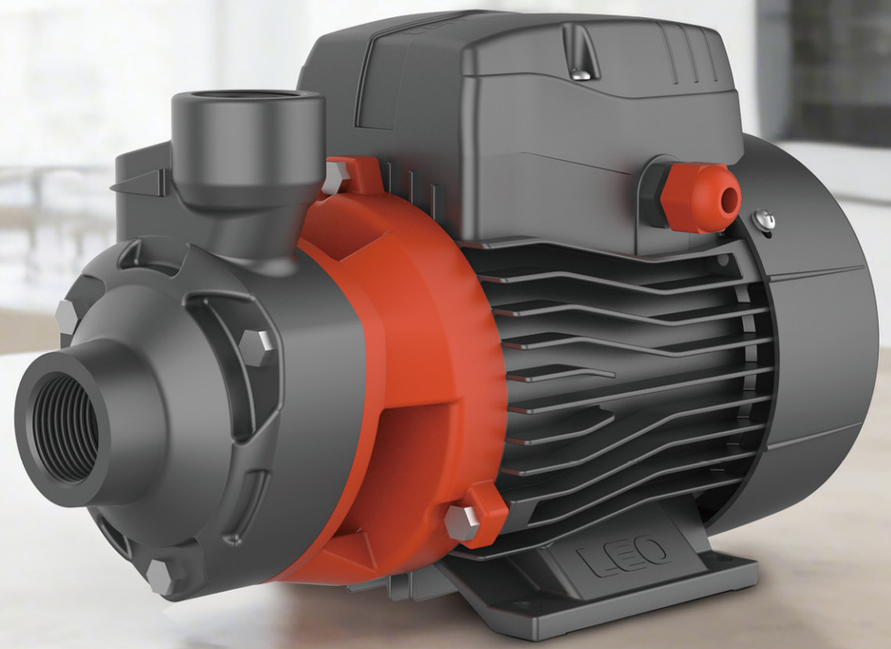
No.	Part	Material
1	Support base	S235JR
2	Impeller sealing ring	EDPM
3	Diffuser	SS304
4	Impeller	SS304
5	O-ring	NBR
6	Mechanical seal	Graphite/SiC
7	Bracket cover	SS304
8	Rotary lip seal	
9	Bracket	Aluminum
10	Pump body	SS304
11	Supporting foot	
12	Deep groove ball bearings	
13	Rotor	
14	Stator	
15	Outlet	Plastic

No.	Part	Material
16	Terminal block/terminal	Plastic
17	Terminal box	Plastic
18	Capacitance	
19	Rear cover	Aluminum
20	Fan	Plastic
21	Fan cover	Plastic



DOMESTIC COLD WATER PRESSURE BOOSTING PERIPHERAL

AP Peripheral Pump



AP Peripheral Pump



Application

- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

Pump

- Special anti-rust treatment for cast iron pump body and support
- Brass impeller
- SS304 shaft
- Max. liquid temperature: +60˚C
- Max. suction: 8 m
- Pressure switch available

Motor

- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +50˚C
- 30cm power cable without plug

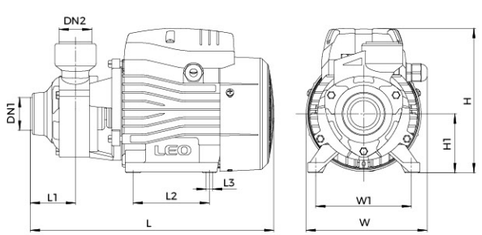
Identification Codes

A P m 37

- 37 — Power(x10 W)
- m — Single Phase Motor (Omitted for three-phase motor)
- P — Peripheral Pump
- A — LEO Product Style

Technical Data

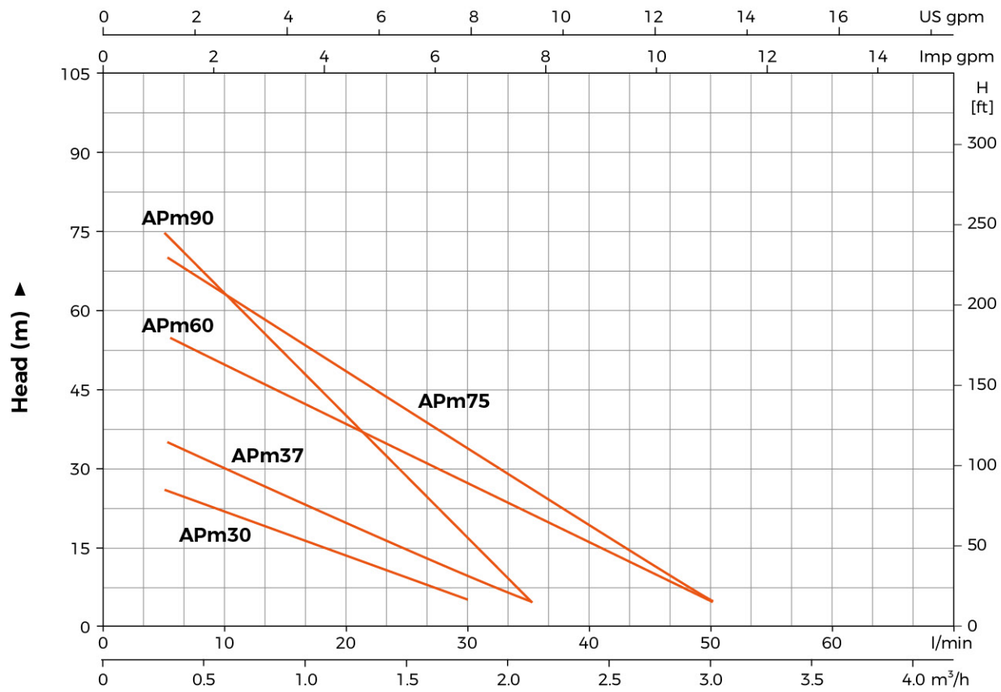
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Max. Suct	Part No.	Price
	kW	HP	V		l/min	m	m		€
APm30	0.3	0.4	220-240	1"x1"	30	30	8	5068124001	102.54
APm37	0.37	0.5			35	40	8	5043900014	104.67
APm60	0.6	0.8			50	60	8	5051420004	160.21
APm75	0.75	1.0			50	75	8	5045098007	177.30
APm90	0.9	1.2		3/4"x3/4"	35	90	8	5048140004	196.08



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	L3 (mm)	W1 (mm)	H1 (mm)
APm30	G1	G1	260	132	155	46.5	80	8.5	100	63
APm37			260	132	155	46.5	80	8.5	100	63
APm60			282	147	185	51	90	8.5	112	73
APm75			300	147	185	54.5	90	8.5	112	73
APm90	G3/4	G3/4	297	147	185	50	90	8.5	112	73

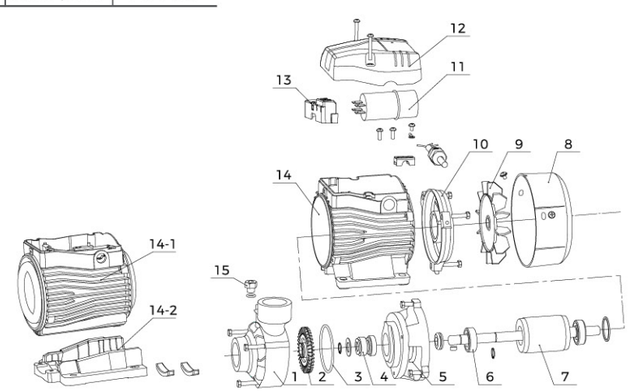
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump body	Cast iron
2	Impeller	Brass
3	O-ring	NBR
4	Mechanical seal	
5	Pump support	Cast iron
6	Bearing	
7	Rotor	
8	Fan cover	PP
9	Fan	PP-GF10
10	End plate	ADC12
11	Capacitor	
12	Cover box	PP-GF20
13	Wiring base assembly	PC
14	Stator	
15	Filling plug	Brass

No.	Part	Material
14-1	Stator	
14-2	Base plate	PC+ABS



DOMESTIC Cold Water DRAINAGE

AKS-PH Clean Water Submersible Pump
AKS-PWH Dirty Water Submersible Pump
AKS-PSW Powerful Submersible Drainage Pump
AKS-SW Garden Submersible Pump
LSW Sewage Submersible Pump
LKS Submersible Pressure Pump
LKS Automatic Submersible Pressure Pump
SQ Stainless Steel Submersible Pump
SW Stainless Steel Sewage Submersible Pump



AKS-PH Clean Water Submersible Pump



Application

- Can be used for transfer clean water or other liquids similar to water in physical and chemical properties;
- Suitable to be immersed in water for lifting water from well or the pool,and draining water from the basemeent

Pump

- Engineering plastic pump body
- Float switch ensures automatic cut-in and cuit-out
- Max. liquid temperature: +35°C
- Max. immersion depth: 7 m
- Max. diameter of particle: 5 mm

Motor

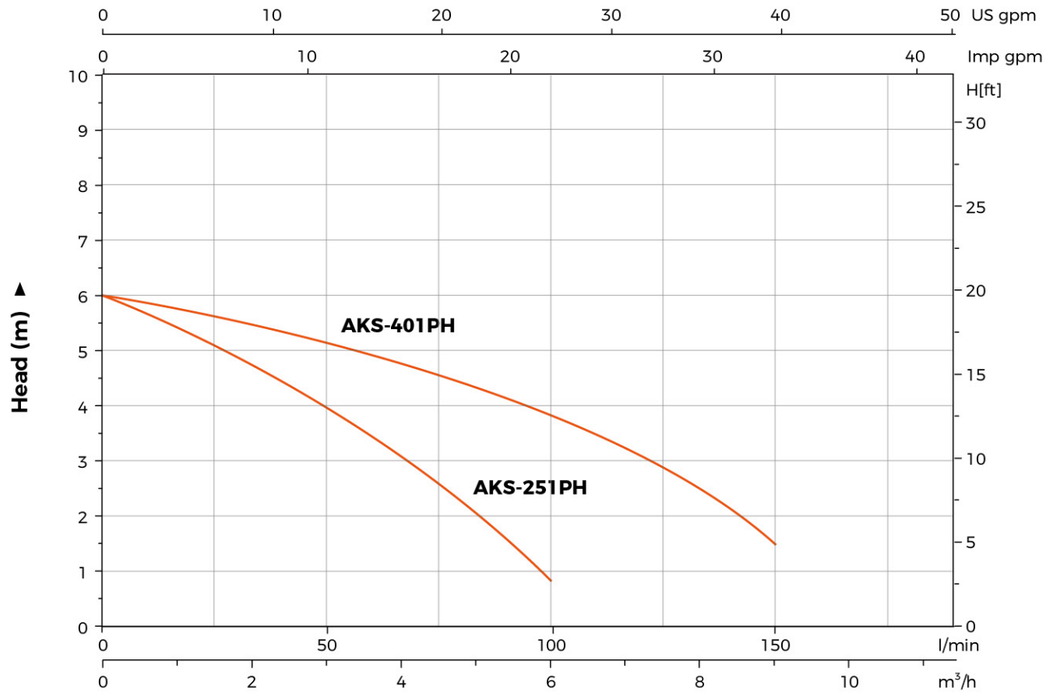
- Built-in thermal protector
- Insulation class: F
- Enclosures class: IPX8
- Power cable: H05RN-F, 10m, European plug
- With float switch

Identification Codes

AKS - 25 1 P H

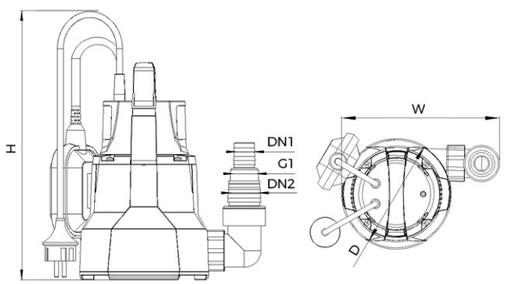
- H — High Head
- P — Plastic Body Material
- 1 — Product Style
- 25 — Power x10 (W)
- AKS — Submersible Pump

Hydraulic Performance Curves



Technical Data

Model	Power		Voltage	Max. Flow	Max. Head	Min. Water level	Max.dia. of particle	Part No.	Price
	kW	HP	V	m³/h	m	mm	mm		€
AKS-251PH	0.25	0.3	220-240	6	6	5	5	5050337005	79.20
AKS-401PH	0.4	0.5		9	6	5	5	5044967003	81.98

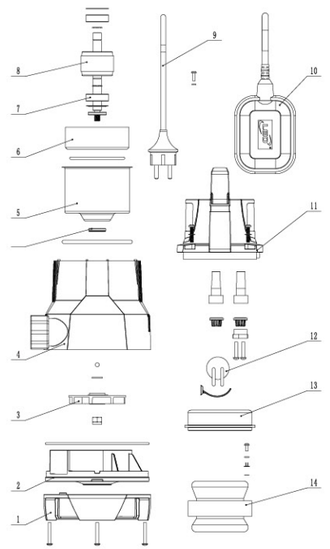


Dimension

Model	DN1	DN2	H (mm)	W (mm)	D (mm)
AKS-251PH	25	40	255	218.5	153
AKS-401PH			255	218.5	153

Material Table

No.	Part	Material
1	Baseplate	PP
2	Base frame	PP
3	Impeller	PA
4	Pump body	PP
5	Stator sleeve	S235JR
6	Lower bearing seat	Cast aluminum
7	Bearing	
8	Rotor	
9	Plug cable	
10	Float switch	
11	Head cover	PP
12	Capacitor	
13	Upper end cover	DMC
14	Winding core	



AKS-PWH Dirty Water Submersible Pump



Application

- Can be used for transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable to be immersed in water for lifting water from well or the pool,and draining water from the basemeent

Pump

- Plastic pump body
- Float switch ensures automatic cut-in and cut-out
- Max. liquid temperature: +35°C
- Max. immersion depth: 7 m
- Max. diameter of particle: 25 mm(250W~400W)
  35 mm(550W~750W)

Motor

- Built-in thermal protector
- Insulation class: F
- Enclosures class: IPX8
- Power cable: H05RN-F, 10m, European plug
- With float switch

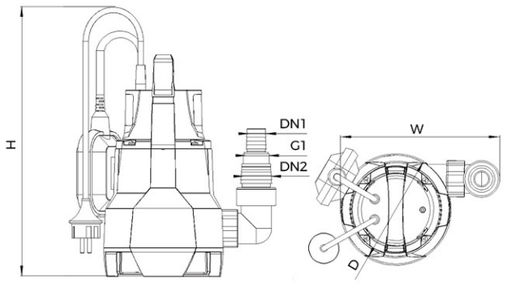
Identification Codes

AKS - 75 1 P W H

- AKS — Submersible Pump
- 75 — Power x10 (W)
- 1 — Product Style
- P — Plastic Body Material
- W — Dirty Water
- H — High Head

Technical Data

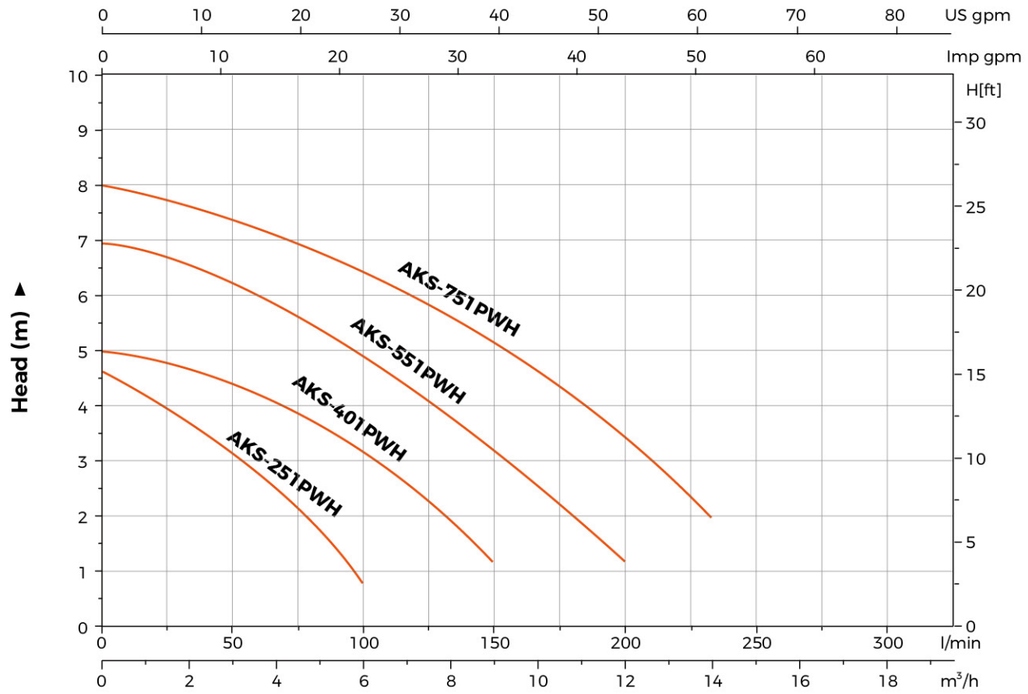
Model	Power		Voltage	Max. Flow	Max. Head	Min. Water level	Max.dia. of particle	Part No.	Price
	kW	HP	V	m^3/h	m	mm	mm		€
AKS-251PWH	0.25	0.3	220-240	6	4.7	30	25	5054153002	81.02
AKS-401PWH	0.4	0.5		9	5	30	25	5053578002	83.76
AKS-551PWH	0.55	0.75		12	7	40	35	5052806004	90.04
AKS-751PWH	0.75	1.0		14	8	40	35	5043891008	92.66



Dimension

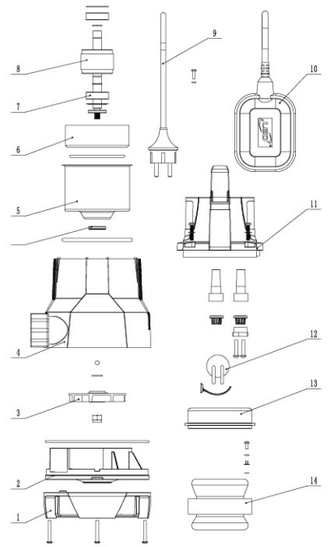
Model	DN1	DN2	H (mm)	W (mm)	D (mm)
AKS-251PWH	25	40	282	218.5	153
AKS-401PWH			282	218.5	153
AKS-551PWH			329	231.7	153
AKS-751PWH			329	231.7	153

Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Baseplate	PP
2	Base frame	PP
3	Impeller	PA
4	Pump body	PP
5	Stator sleeve	S235JR
6	Lower bearing seat	Cast aluminum
7	Bearing	
8	Rotor	
9	Plug cable	
10	Float switch	
11	Head cover	PP
12	Capacitor	
13	Upper end cover	DMC
14	Winding core	



AKS-PSW Powerful Submersible Drainage Pump



Application

- Can be used for transfer dirty water or other liquids similar to water in physical and chemical properties

Pump

- Float switch ensures automatic start and stop
- Maximum diameter up to 35mm
- Max. liquid temperature: +35°C
- Max. immersion depth: +7 m

Motor

- Built-in thermal protector
- Insulation class: F
- Enclosures class: IPX8
- Power cable: H05RN-F, 10m, European plug
- With float switch

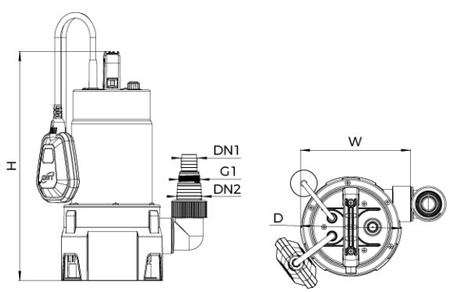
Identification Codes

AKS - 75 1 P S W

- W — Dirty Water
- S — SS304 Motor Case
- P — Plastic Body Material
- 1 — Product Style
- 75 — Power x10 (W)
- AKS — Submersible Pump

Technical Data

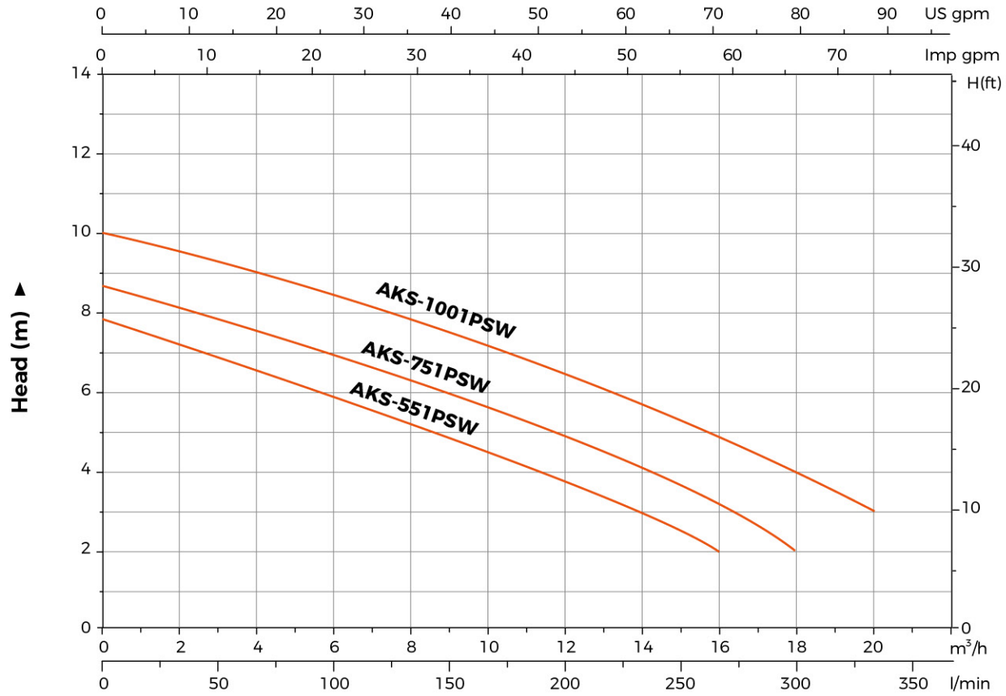
Model	Power		Voltage	Max. Flow	Max. Head	Min. Water level	Max.dia. of particle	Part No.	Price
	kW	HP	V	m^3/h	mv	mm	mm		€
AKS-551PSW	0.55	0.75	220-240	16	8	30	35	5068012001	117.98
AKS-751PSW	0.75	1.0		18	9	40	35	5068024001	120.92
AKS-1001PSW	1.0	1.3		20	10	40	35	5046958002	137.32



Dimension

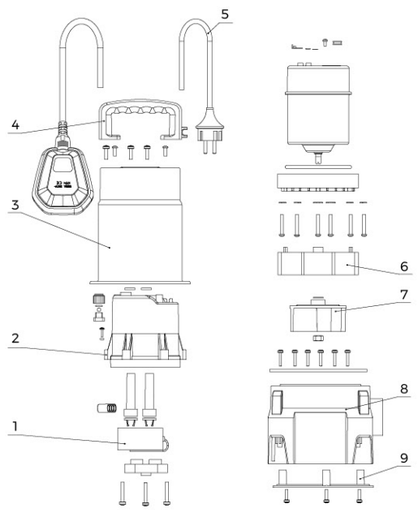
Model	DN1	DN2	H (mm)	W (mm)	D (mm)
AKS-551PSW	25	40	348	173	158
AKS-751PSW			358	173	158
AKS-1001PSW			368	173	158

Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Capacitor	
2	Head cover	PP
3	Barrel	SS304
4	Handle	PP
5	Plug cable	
6	Bracket	PP
7	Impeller	PA
8	Base frame	PP
9	Baseplate	PP



AKS-SW Garden Submersible Pump



Application

- Can be used for transfer dirty water or other liquids similar to water in physical and chemical properties
- Suitable to be immersed in water for lifting water from well or the pool, and draining water from the basement

Pump

- Float switch ensures automatic start and stop.
- Maximum diameter up to 35mm.
- Max. liquid temperature: +35˚C
- Max. immersion depth: 7 m

Motor

- Built-in thermal protector
- Insulation class: F
- Enclosures class: IPX8
- Power cable: H05RN-F, 10m, European plug
- With float switch

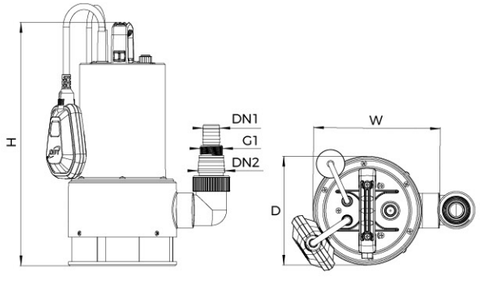
Identification Codes

AKS - 750 S W

- W — Dirty Water
- S — SS304 Motor Case
- 750 — Power (W)
- AKS — Submersible Pump

Technical Data

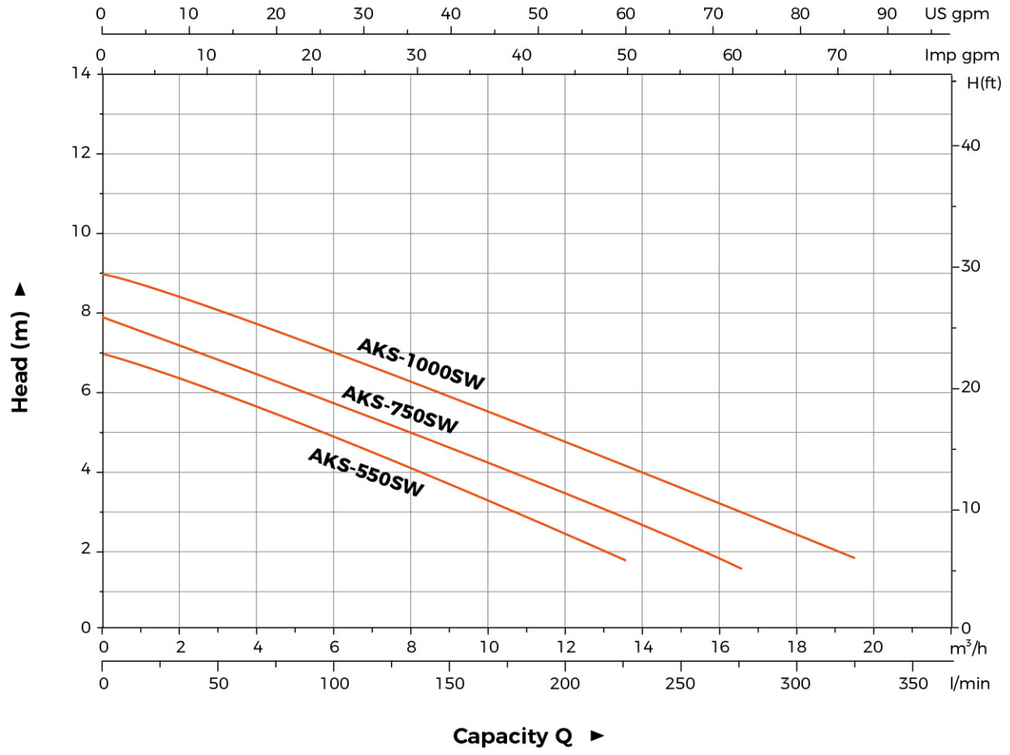
Model	Power		Voltage	Max. Flow	Max. Head	Min. Water level	Max.dia. of particle	Part No.	Price
	kW	HP	V	m^3/h	m	mm	mm		€
AKS-550SW	0.55	0.75	220-240	13.5	7	40	35	5056907002	147.96
AKS-750SW	0.75	1.0		16.5	8	40	35	5053850004	151.51
AKS-1000SW	1.0	1.3		19.5	9	40	35	5052236006	156.87



Dimension

Model	DN1	DN2	H (mm)	W (mm)	D (mm)
AKS-550SW	25	40	357	184	160
AKS-750SW			357	184	160
AKS-1000SW			357	184	160

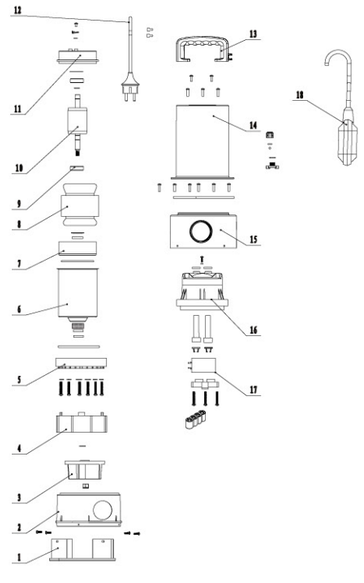
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Base	SS304
2	Pump casing	PA6-GF25
3	Impeller	PA6-GF25
4	Stents	PP-GF30
5	Lock loop	PP-GF30
6	Stator cover	S235JR
7	Brearing base	ADC12
8	Motor stator	
9	Ball bearing	
10	Rotor	
11	Bearing cover	ADC12
12	Plug cord	
13	Handle	PP-GF30

No.	Part	Material
14	Barrel	SS304
15	Pump casing	SS304
16	Roof	PP-GF30
17	Capacitor	
18	Float switch	



LSW Sewage Submersible Pump



Two-channel impeller



Application

- LSW series submersible sewage pumps are suitable for buildings, hospitals, residential quarters, municipal engineering, road traffic and construction, factory sewage, sewage treatment, and other occasions. It is used to discharge wastewater, rainwater, and sewage containing solid particles.

Pump

- Stainless steel shell
- Cast Iron Pump body with special anti-rust treatment
- Fixed cable with unique design
- SS304 shaft
- Max. liquid temperature: 40℃
- Max. immerse depth: 5m
- Pressure switch available

Motor

- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX8
- Power cable: ≤0.55kw, 6m; ≥0.75kw, 10m
- Single phase with float switch & European plug

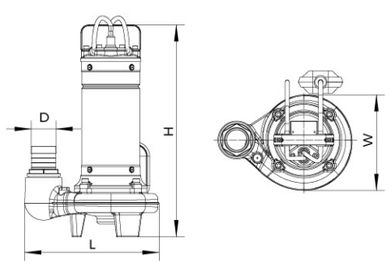
Identification Codes

LSW m 75 A

- A — Automatic Operation with Float Switch (Without a float switch for three-phase models)
- 75 — Power (HP X 100)
- m — Single Phase Motor (Omitted for three-phase motor)
- LSW — Sewage Submersible Pump

Technical Data

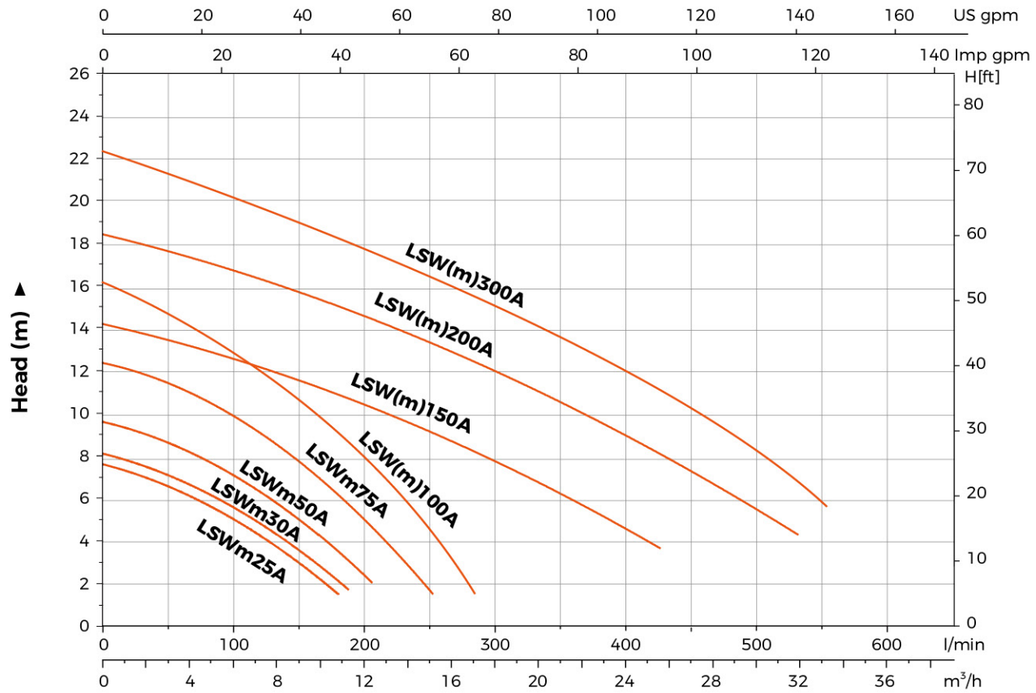
Model 1~	Model 3~	Power kW	Power HP	Max. Flow m³/h	Max. Head m	Max.dia. of particle mm	Part No. (1~)	Price €	Part No. (3~)	Price €
220-240V	380V									
LSWm25A	-	0.18	0.25	11	8	20	5058415004	186.69	-	-
LSWm30A	-	0.25	0.37	12	9	20	5049326006	202.94	-	-
LSWm50A	-	0.37	0.5	13	11	20	5050345007	253.76	-	-
LSWm75A	-	0.55	0.75	16	13.5	20	5050346010	300.75	-	-
LSWm100A	LSW100A	0.75	1.0	19	17	20	5048425013	360.57	5068575002	355.21
LSWm150A	LSW150A	1.1	1.5	26	13.5	25	5048426009	419.13	5048874003	414.82
LSWm200A	LSW200A	1.5	2.0	32	19	25	5048566012	534.04	5048875004	531.94
LSWm300A	LSW300A	2.2	3	34.5	23	25	5052211005	669.90	5050793003	670.34



Dimension

Model	D (mm)	L (mm)	W (mm)	H (mm)
LSWm25A	G1 1/2 / 40	221	158	362
LSWm30A	G1 1/2 / 40	221	158	362
LSWm50A	G1 1/2 / 40	221	158	372
LSWm75A	G2/50	260	185	410
LSW(m)100A	G2/50	260	185	410
LSW(m)150A	G2/50	269	186	450
LSW(m)200A	G2/50	269	186	470
LSW(m)300A	G2/50	269	186	470

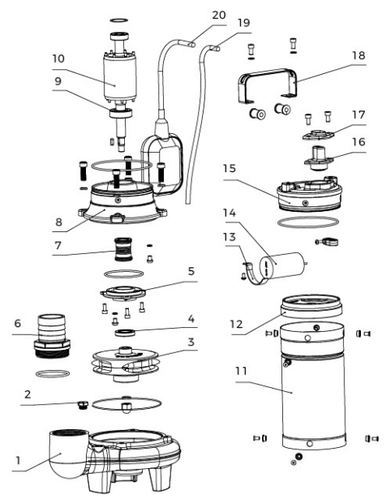
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump body	Cast iron
2	Exhaust value	HP59-1
3	Impeller	Cast iron
4	Oil seal	
5	Oil chamber cover	Cast iron
6	Connector	ABS
7	Mechanical seal	SiC/Carbon +Carbon/Ceramic
8	Oil chamber	Cast iron
9	Bearing	
10	Rotor	C45 + SS304
11	Stator	
12	Upper cover	ADC 12
13	Capacitor clamp	S235JR
14	Capacitor	

No.	Part	Material
15	Top cover	Cast iron
16	Cable sheathing	Neoprene
17	Cable cover	SS304
18	Handle	SS304
19	Cable line	
20	Float switch	



LSW Sewage Submersible Pump





Impeller (1HP)



Rotary Knife (1HP)



Fixed Cutterhead (1HP)



Cutting Impeller (≥1.5HP)



Fixed Cutterhead (≥1.5HP)

Application

- LSW series submersible sewage pumps are suitable for buildings, hospitals, residential quarters, municipal engineering, road traffic and construction, factory sewage, sewage treatment, and other occasions. It is used to discharge wastewater, rainwater, and sewage containing solid particles.

Pump

- Stainless steel shell
- Cast Iron Pump body with special anti-rust treatment
- Fixed cable with unique design
- SS304 shaft
- Max. liquid temperature:40˚C
- Max. immerse depth: 5m
- Pressure switch available

Motor

- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX8
- Power cable length: 10m
- Single phase with float switch & European plug

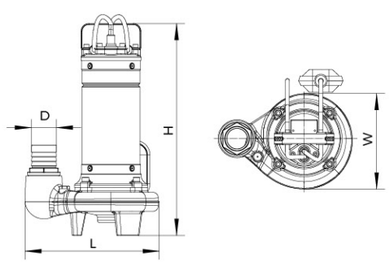
Identification Codes

LSW m 150 C A

- A — Automatic Operation with Float Switch (Without a float switch for three-phase models)
- C — Cutting Blade
- 150 — Power (HP X 100)
- m — Single Phase Motor (Omitted for three-phase motor)
- LSW — Sewage Submersible Pump

Technical Data

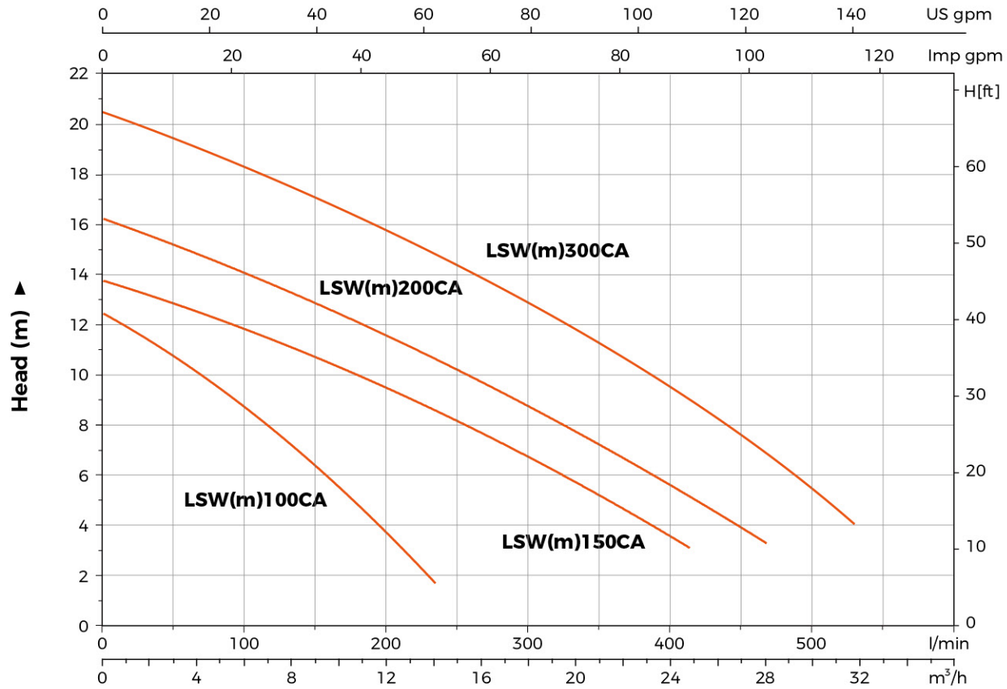
Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price	Part No. (3~)	Price
1~	3~								
220-240V	380V	kW	HP	m³/h	m		€		€
LSWm100CA	LSW100C	0.75	1.0	15	12.5	5048568019	414.86	5074078002	410.46
LSWm150CA	LSW150C	1.1	1.5	24 .5	12.5	5048427026	461.41	5048877004	457.94
LSWm200CA	LSW200C	1.5	2.0	28	15.5	5048428022	622.06	5048433009	621.58
LSWm300CA	LSW300C	2.2	3.0	32	21.5	5053653007	773.28	5048878006	775.70



Dimension

Model	D (mm)	L (mm)	W (mm)	H (mm)
LSW(m)100C(A)	G2/50	260	185	403
LSW(m)150C(A)	G2/50	269	186	446
LSW(m)200C(A)	G2/50	269	186	460
LSW(m)300C(A)	G2/50	269	186	480

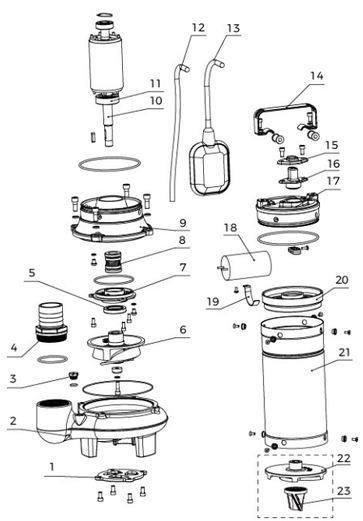
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Cutting blade	SS304
2	Pump body	Cast iron
3	Exhaust value	HP59-1
4	Connector	ABS
5	Oil seal	
6	Impeller	Stainless steel (1.1-2.2kW)
7	Oil chamber cover	Cast iron
8	Mechanical seal	SiC/Carbon +Carbon/Ceramic
9	Oil chamber	Cast iron
10	Rotor	C45 + SS304
11	Bearing	
12	Cable line	
13	Float switch	
14	Handle	SS304

No.	Part	Material
15	Cable cover	SS304
16	Cable sheathing	Neoprene
17	Top cover	Cast iron
18	Capacitor	
19	Capacitor clamp	S235JR
20	Upper cover	ADC 12
21	Stator	
22	Impeller (0.75kW)	Cast iron
23	Rotary knife (0.75kW)	SS304



LSW Sewage Submersible Pump



Semi-open impeller



Application

- LSW series submersible sewage pumps are suitable for buildings, hospitals, residential quarters, municipal engineering, road traffic and construction, factory sewage, sewage treatment, and other occasions. It is used to discharge wastewater, rainwater, and sewage containing solid particles.

Pump

- Stainless steel shell
- Cast Iron Pump body with special anti-rust treatment
- Fixed cable with unique design
- SS304 shaft
- Max. liquid temperature: 40˚C
- Max. immerse depth: 5m
- Pressure switch available

Motor

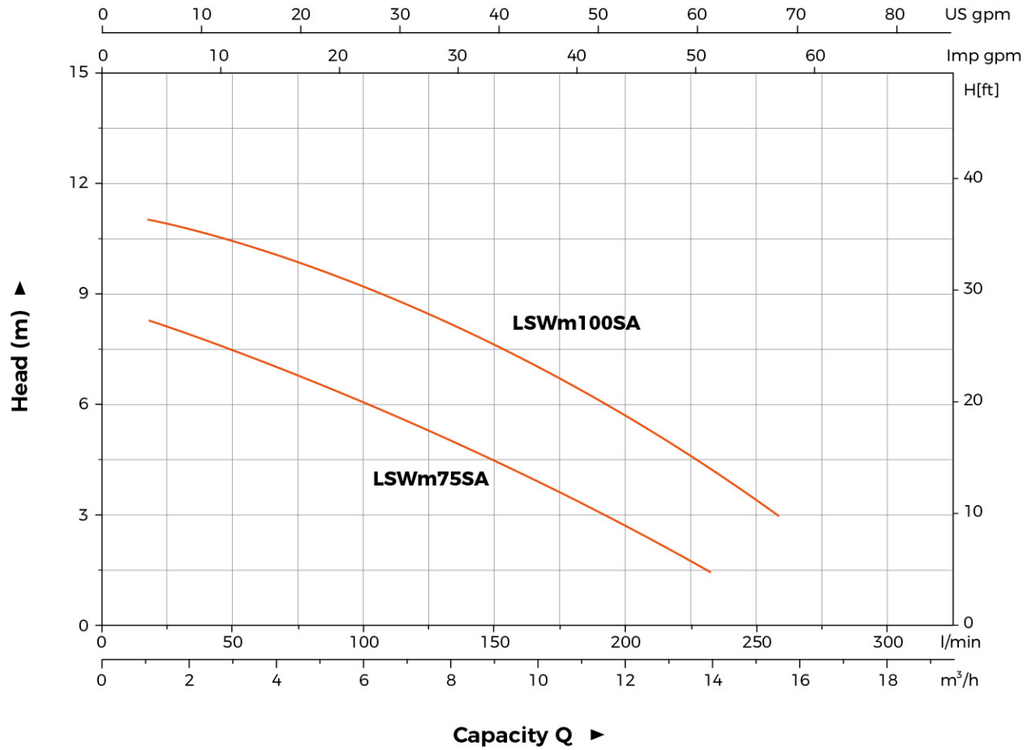
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX8
- Power cable length: 10m with European plug
- With float switch

Identification Codes

LSW m 75 S A

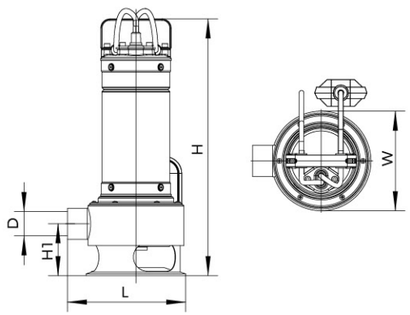
- A — Automatic Operation with Float Switch (Without a float switch for three-phase models)
- S — Stainless Steel
- 75 — Power (HP X 100)
- m — Single Phase Motor (Omitted for three-phase motor)
- LSW — Sewage Submersible Pump

Hydraulic Performance Curves



Technical Data

Model 1~	Power		Max. Flow	Max. Head	Max.dia.of particle	Part No. (1~)	Price
220-240V	kW	HP	m³/h	m	mm		€
LSWm75SA	0.55	0.75	14	8	20	5051682003	446.90
LSWm100SA	0.75	1	15.5	11.5	20	5050729009	524.64



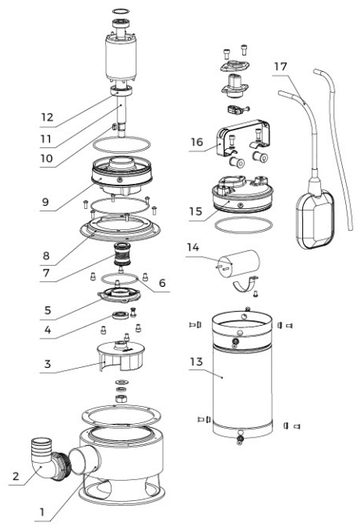
Dimension

Model	D (mm)	L (mm)	W (mm)	H (mm)	H1 (mm)
LSWm75SA	G1 1/2 / 38	192	164	423	85
LSWm100SA					

Material Table

No.	Part	Material
1	Pump body	SS304
2	Water outlet elbow	ABS
3	Impeller	SS304
4	Oil seal	NBR
5	Cover	SS304
6	O-sealing ring	NBR
7	Mechanical seal	
8	Pump cover	SS304
9	Oil chamber	SS304
10	Flat key	SS304
11	Rotor	C45+SS304
12	Bearing	Gcr15
13	Stator	Brass

No.	Part	Material
14	Capacitor	
15	Top cap	SS304
16	Handle	SS304
17	Float switch	



LSW Sewage Submersible Pump



Semi-open impeller





Only LSWm200XA model comes with a base.

Application

- LSW series submersible sewage pumps are suitable for buildings, hospitals, residential quarters, municipal engineering, road traffic and construction, factory sewage, sewage treatment, and other occasions. It is used to discharge wastewater, rainwater, and sewage containing solid particles.

Pump

- Stainless steel shell
- Cast Iron Pump body with special anti-rust treatment
- Fixed cable with unique design
- SS304 shaft
- Max. liquid temperature: 40˚C
- Max. immerse depth: 5m
- Pressure switch available

Motor

- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX8
- Power cable: ≤0.55kw, 6m; ≥0.75kw, 10m.
- Single phase with float switch & European plug

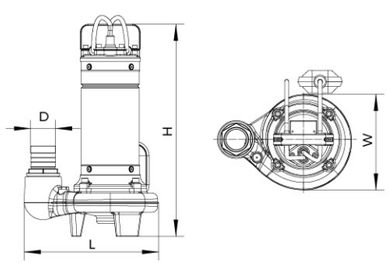
Identification Codes

LSW m 75 X A

- A — Automatic Operation with Float Switch (Without a float switch for three-phase models)
- X — Semi-open Impeller
- 75 — Power (HP X 100)
- m — Single Phase Motor (Omitted for three-phase motor)
- LSW — Sewage Submersible Pump

Technical Data

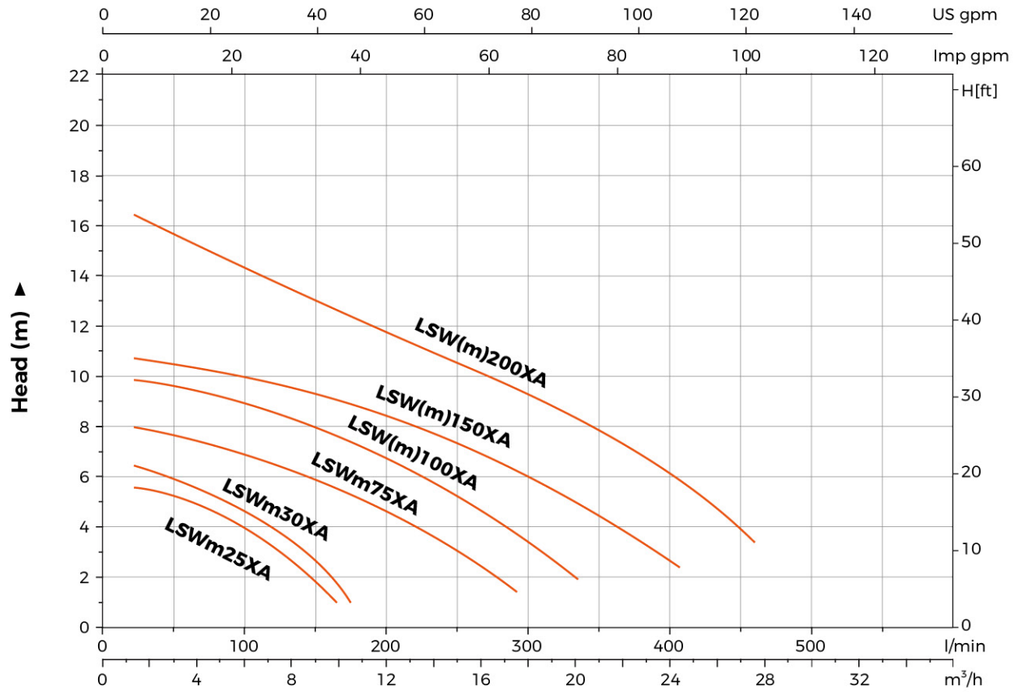
Model		Power		Max. Flow	Max. Head	Max.dia. of particle	Part No. (1~)	Price	Part No. (3~)	Price
1~	3~									
220-240V	380V	kW	HP	m³/h	m	mm		€		€
LSWm25XA	-	0.18	0.25	8	7	15	5059837002	186.69	-	-
LSWm30XA	-	0.25	0.3	10	7.5	15	5048565004	202.94	-	-
LSWm75XA	-	0.5	0.75	17	8.5	25	5064393003	300.75	-	-
LSWm100XA	LSW100X	0.75	1	20	11	25	5051683005	360.57	5052321002	355.21
LSWm150XA	LSW150X	1.1	1.5	23	11.5	35	5051684004	419.13	5048879003	414.82
LSWm200XA	LSW200X	1.5	2	26.5	17	15	5051685005	534.04	5048880003	531.94



Dimension

Model	D (mm)	L (mm)	W (mm)	H (mm)
LSWm25XA	G1¼ / 32	172	121	353
LSWm30XA	G1¼ / 32	172	121	363
LSWm75XA	G2/50	233	165	423
LSW(m)100X(A)	G2/50	233	165	433
LSW(m)150X(A)	G2/50	277	204	482
LSW(m)200X(A)	G2/50	270	186	480

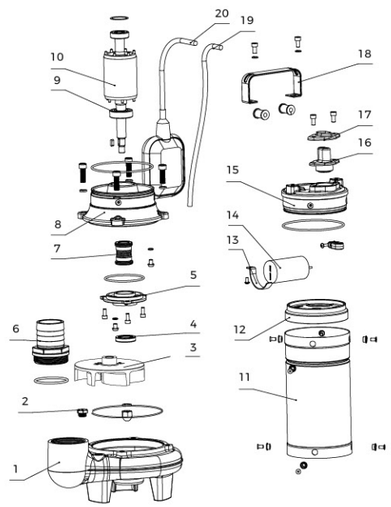
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump body	Cast iron
2	Exhaust value	HP59-1
3	Impeller	Cast iron
4	Oil seal	
5	Oil chamber cover	Cast iron
6	Connector	ABS
7	Mechanical seal	SiC/Carbon +Carbon/Ceramic
8	Oil chamber	Cast iron
9	Bearing	
10	Rotor	C45 + SS304
11	Stator	
12	Upper cover	ADC 12
13	Capacitor clamp	S235JR
14	Capacitor	

No.	Part	Material
15	Top cover	Cast iron
16	Cable sheathing	Neoprene
17	Cable cover	SS304
18	Handle	SS304
19	Cable line	
20	Float switch	



LKS Submersible Pressure Pump



Application

- Can be used for transfer clean water or other liquids similar to water in physical and chemical propertles
- Suitable to be immersed in water for lifting water from well or the pool,and draining water from the basement

Pump

- SS304 pump body
- Max. liquid temperature: +35℃
- Max. immersion depth: 7 m
- Max. diameter of particle: 1 mm

Motor

- Built-in thermal protector
- Insulation class: F
- Enclosures class: IPX8
- Power cable: H07RN-F, 10m, with European plug
- With float switch

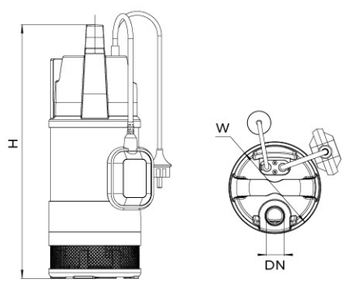
Identification Codes

LKS - 900 S

- S — Pump Body Material
- 900 — Power (W)
- LKS — Garden Submersible Pump

Technical Data

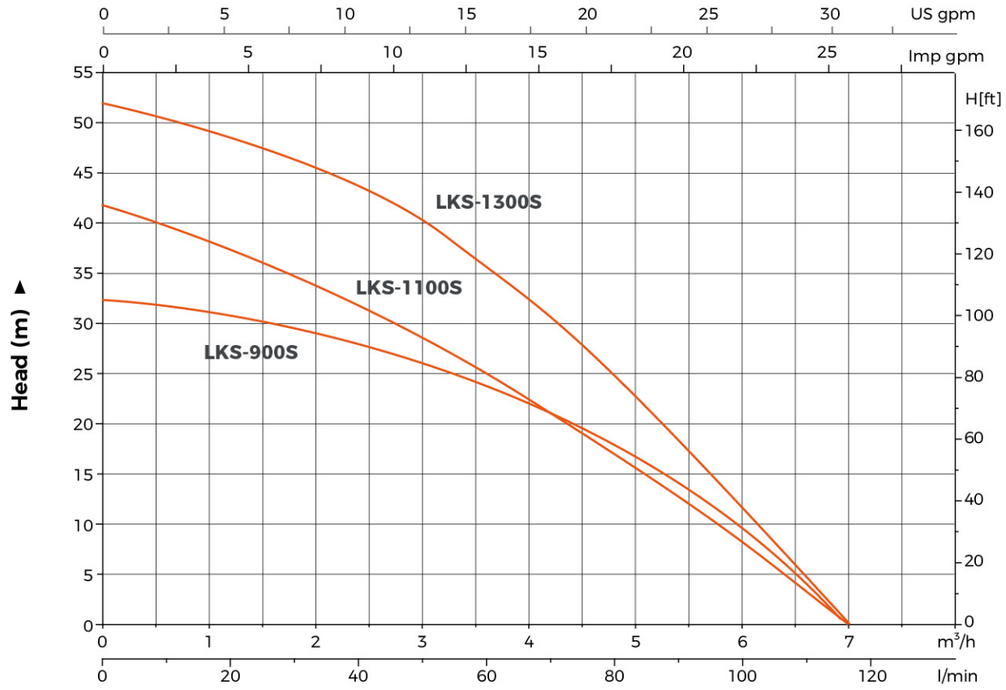
Model	Power		Voltage	Max. Flow	Max. Head	Max.dia. of particle	Part No.	Price
	kW	HP	V	m³/h	m	mm		€
LKS-900S	0.9	1.2	220-240	7	32	1	5046309006	357.58
LKS-1100S	1.1	1.5		7	42	1	5050713006	396.03
LKS-1300S	1.3	1.75		7	52	1	5044172012	416.11



Dimension

Model	DN	H (mm)	W (mm)
LKS-900S	G1"	455.5	163
LKS-1100S		479.5	163
LKS-1300S		503.5	163

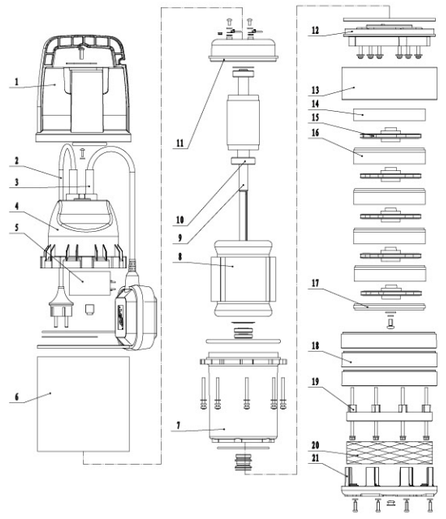
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump	PP-GF30
2	Plug cord	
3	Swith	
4	Head cover	PP-GF30
5	Capacitor	
6	Cylinder	SS304
7	Enclosure	ADC12
8	Motor	
9	Rotor	
10	Brearing	
11	Upper cover	ADC12
12	Holder	ADC12
13	Holder enclosure	PP-GF30
14	Lead impeller	PPO-GF30

No.	Part	Material
15	Impeller	PPO-GF30
16	Lead impeller	PPO-GF30
17	Pump cover	PPO-GF30
18	Extension tube	PP-GF30
19	Impact cover	PPO-GF30
20	Filter screen	SS304
21	Base	PA6-GF25



LKS Automatic Submersible Pressure Pump



LKS-02SE



LKS-02SE-1

Application

- Can be used for transfer clean water or other liquids similar to water in physical and chemical propertles
- Suitable to be immersed in water for lifting water from well or the pool,and draining water from the basement

Pump

- With built-in integrated electronics, designed to autormatically start and stop the pump.
- Compact, easy to use, with dry-running protection andbuilt-in check valve.
- Max. liquid temperature: +35°C
- Max. immersion depth: 7 m
- Max. diameter of particle: 1 mm

Motor

- Built-in thermal protector
- Insulation class: F
- Enclosures class: IPX8
- Power cable: H07RN-F, 15m, with European plug
- With float switch

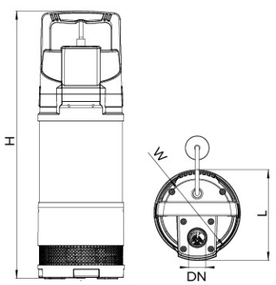
Identification Codes

LKS - 11 02 S E

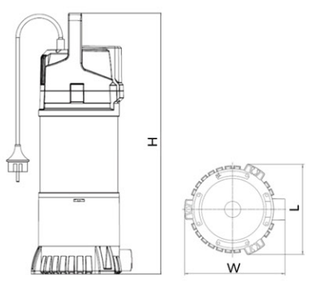
- E — Circuit board induction
- S — Pump Body Material
- 02 — Features
- 11 — Power/100W
- LKS — Garden Submersible Pumps

Technical Data

Model	Power		Voltage	Max. Flow	Max. Head	Max.dia. of particle	Part No.	Price
	kW	HP	V	m³/h	m	mm		€
LKS-902SE	0.9	1.2	220-240	6	35	1	5048094007	426.83
LKS-1102SE	1.1	1.5		6	45	1	5045046014	455.89
LKS-902SE-1	0.9	1.2		6	35	1	5048718004	416.39
LKS-1102SE-1	1.1	1.5		6	45	1	5053074005	445.41



LKS-02SE

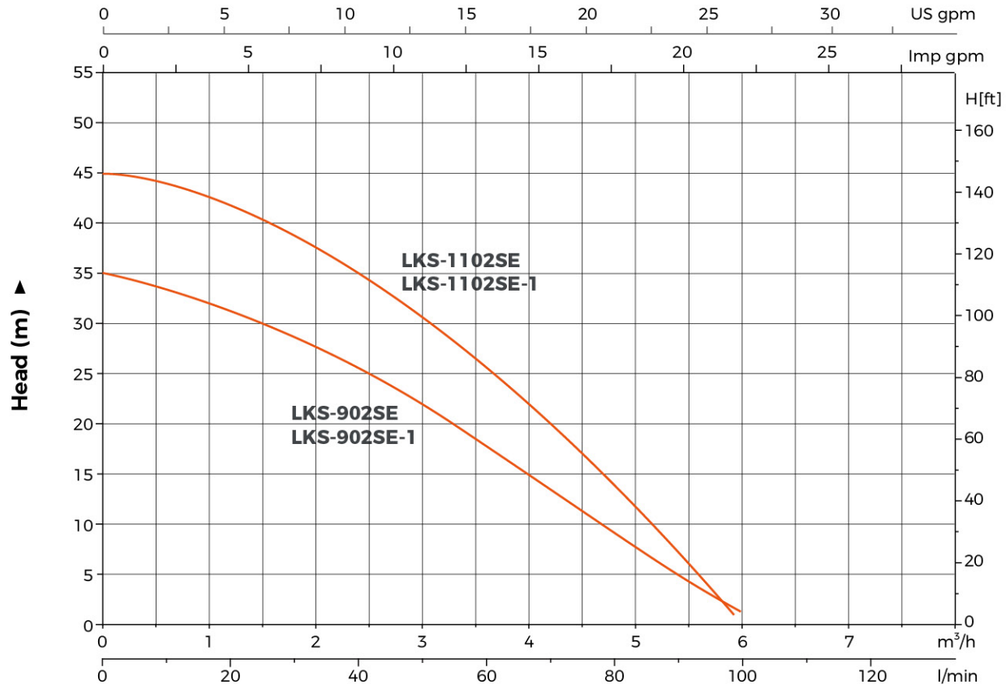


LKS-02SE-1

Dimension

Model	DN	L (mm)	W (mm)	H (mm)
LKS-902SE	G1"	159	151	492
LKS-1102SE		159	151	492
LKS-902SE-1		168	185.5	488
LKS-1102SE-1		168	187	486

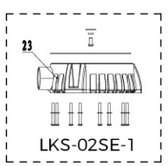
Hydraulic Performance Curves



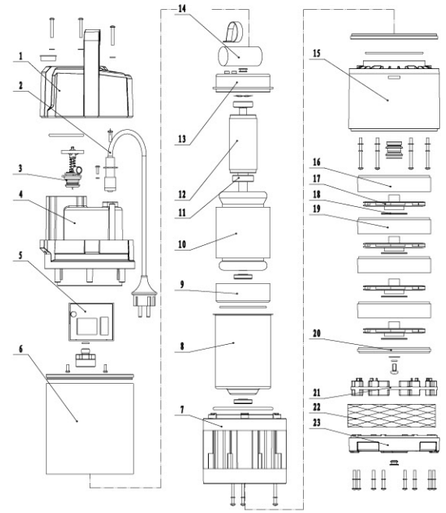
Material Table

No.	Part	Material
1	Handle	PP-GF30
2	Plug cord	
3	Check valve	
4	Head cover	PP-GF30
5	Inductive components	
6	Cylinder	SS304
7	Holder	PP-GF30
8	Stator housing	S235JR
9	Bearing bracket	ADC12
10	Motor	
11	Bearing	
12	Rotor	
13	Upper cover	ADC12
14	Capacitor	

No.	Part	Material
15	Guide vane	PP-GF30
16	Water cover	PPO-GF30
17	Impeller	PPO-GF30
18	Floating ring mouth	POM
19	Water cover	PPO-GF30
20	Pump cover	PPO-GF30
21	Extension tube	PP-GF30
22	Filter screen	SS304
23	Base	PP-GF30



LKS-02SE-1



SQ S.S. Submersible Pump



SQm-SA



SQm-SE

Application

- Can be used for transfer clean water other liquids similar to water in physical and chemical propertles

Pump

- Stainless steel casing
- Max. immersion depth: 5 m
- Max. liquid temperature: +50˚C
- Residual water level: 40 mm

Motor

- Insulation class: F
- Enclosures class: IPX8
- Copper wire motor with built-in overcurrent protector
- Stainless steel welded shaft
- Power cable: 6m with European plug
- SQm-SA with float switch

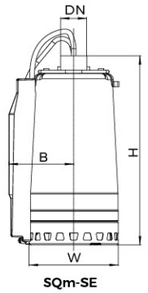
Identification Codes

SQ m 50 S A

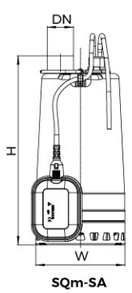
- A: Float Switch
  E: Capacitive Sensing
- Stainless Steel Casing
- Output Power: 0.5HP
- Single Phase Motor
  (Omitted for three-phase motor)
- Clean Water Submersible Pump

Technical Data

Model	Power		Voltage	Max. Flow	Max. Head	Max.dia. of particle	Part No.	Price
	kW	HP	V	m³/h	m	mm		€
SQm30SA	0.25	0.33	220-240	13.5	6.8	10	5063028004	290.52
SQm50SA	0.37	0.5		14.5	10	10	5063029006	307.16
SQm75SA	0.55	0.75		15.5	12	10	5055743009	325.99
SQm30SE	0.25	0.33		13.5	6.8	10	5063030005	322.12
SQm50SE	0.37	0.5		14.5	10	10	5063031005	340.09
SQm75SE	0.55	0.75		15.5	12	10	5051200007	358.87



SQm-SE

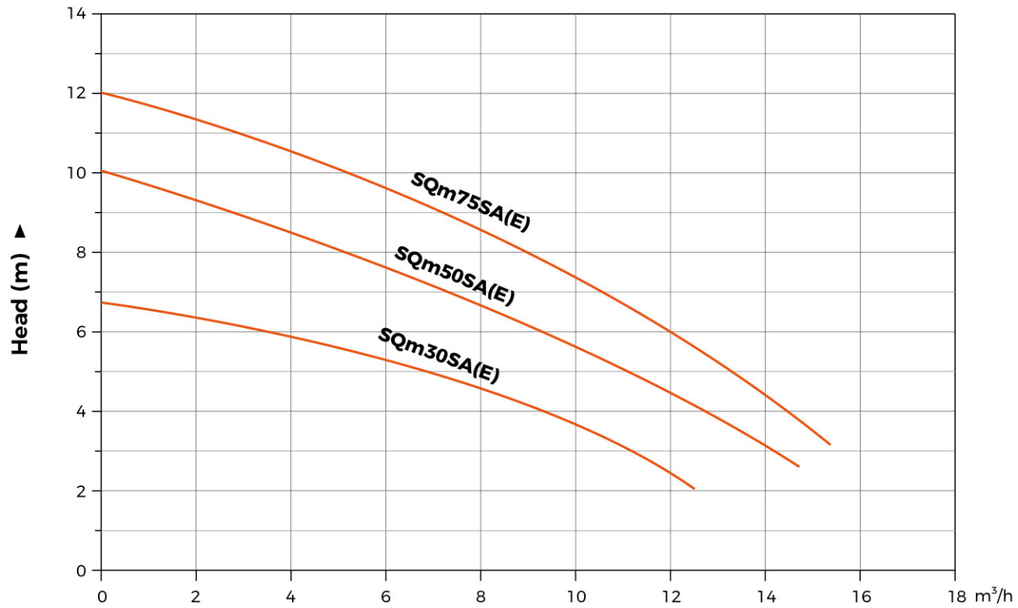


SQm-SA

Dimension

Model	DN	H (mm)	W (mm)	B (mm)	Max.Solid Dia (mm)
SQm30SE	G 1¼"	313	151	151	10
SQm50SE					
SQm75SE					
SQm30SA				-	
SQm50SA					
SQm75SA					

Hydraulic Performance Curves

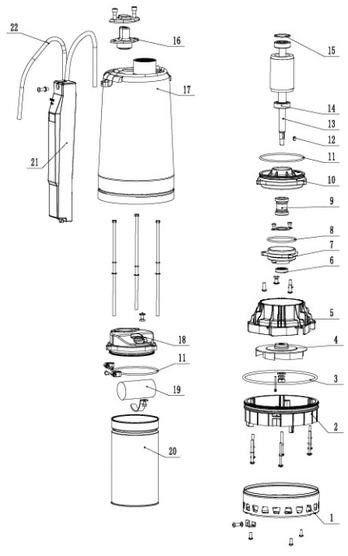


Capacity Q ►

Material Table

No.	Part	Material
1	Filter screen	SS304
2	Pump body	PP-GF30
3	O-ring	NBR
4	Impeller	SS304
5	Guide vane	PPO-GF30
6	Skeleton oil seal	NBR
7	Cylinder head	Cast aluminum
8	O-ring	NBR
9	Mechanical seal	
10	Oil cylinder	Cast aluminum
11	O-ring	NBR
12	Flat key	SS304
13	Rotor	
14	Bearing	GCr15

No.	Part	Material
15	Wave spring	65Mn
16	Cable sheath	NR
17	Cover box component	
18	Top cover	Cast aluminum
19	Capacitance	
20	Stator	
21	Cover box component	
22	Power cord	



SW S.S. Sewage Submersible Pump



Application

- Can be used for transfer dirty water other liquids similar to water in physical and chemical properties

Pump

- With float switch, designed to automatically start and stop the pump
- Dry-run protection
- Stainless steel casing
- Max. immersion depth: 5 m
- Max. liquid temperature: +50˚C
- Residual water level: 40 mm

Motor

- Insulation class: F
- Enclosures class: IPX8
- Copper wire motor with built-in overcurrent protectoor
- Stainless steel welded shaft
- Power cable: 6m with European plug
- With float switch

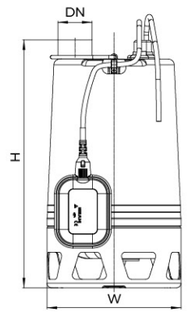
Identification Codes

SW m 50 S A

- A — Float Switch
- S — Stainless Steel Casing
- 50 — Output Power: 0.5HP
- m — Single Phase Motor (Omitted for three-phase motor)
- SW — Sewage Submersible Pump

Technical Data

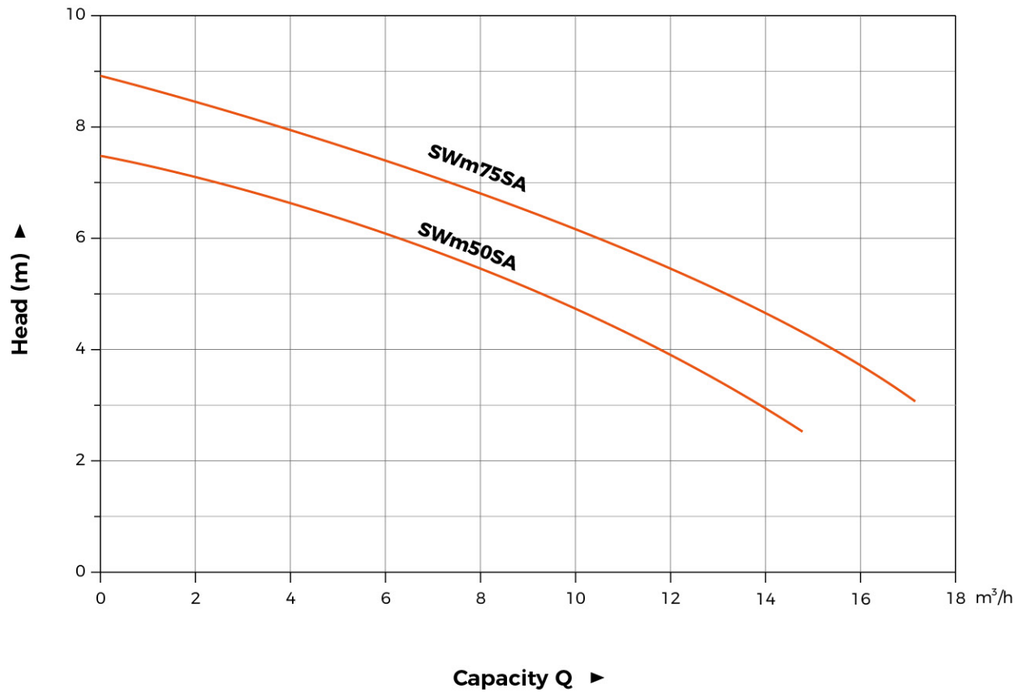
Model	Power		Voltage	Max. Flow	Max. Head	Max.dia. of particle	Part No.	Price
	kW	HP	V	m³/h	m	mm		€
SWm50SA	0.37	0.5	220-240	14.5	7.5	35	5063032005	427.23
SWm75SA	0.55	0.75		15.5	9	35	5051198007	440.05



Dimension

Model	DN	H (mm)	W (mm)	Max.Solid Dia (mm)
SWm50SA	G 1 1/2"	373	202.5	35
SWm75SA				

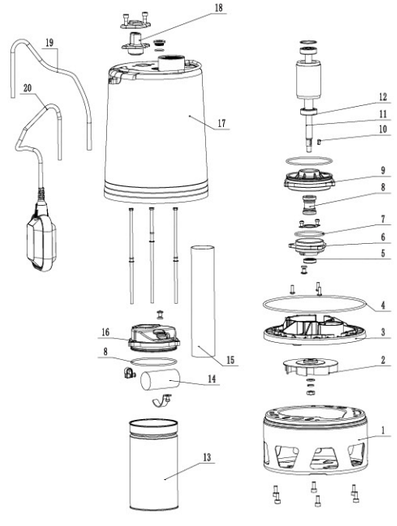
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump body components	SS304
2	Impeller	SS304
3	Support	PP-GF30
4	O-ring	NBR
5	Skeleton oil seal	NBR
6	Cylinder head	Cast aluminum
7	O-ring	NBR
8	Mechanical seal	
9	Oil cylinder	Cast aluminum
10	Flat key	SS304
11	Rotor	
12	Bearing	
13	Stator	
14	Capacitance	

No.	Part	Material
15	Water outlet pipe	SS304
16	Top cover	Cast aluminum
17	Pump barrel assembly	SS304
18	Cable sheath	
19	Power cord	
20	Float switch	



DOMESTIC LIFTING STATION

WC Domestic Lifting Station

WC Domestic Lifting Station



WC601A
Front Inlet



WC601B
Side Inlet



WC601C
Closed Inlet

Application

- The lifting station is suitable for pumping of wastewater off places inprivate dwellings and basements where wastewater cannot be led directly to the sewer by means of a natural downward slope.
- It is typically used for:
  - Renovation of offices or other commercial buildings.
  - Wall-mounted toilets in basements below sewer level.
  - Washing machines & dish washers.
  - Toilets, wash basins, bathtubs and cabinet showers in the. bathrooms where the location may be remote from the main soil pipe so that a natural slope cannot be established.

Features

- Reliable Multistage seal
- Integrated motor for easy maintenance
- Activated carbon filtration
- Powerful combined cutting system
- Worry-free auto start and stop
- Block warning

Operating Conditions

- Max. liquid temperature: 50˚C
- Max. ambient temperature: 35˚C
- PH value: 4 - 10
- The pump must not be used for strong chemicals or solvents

Identification Codes

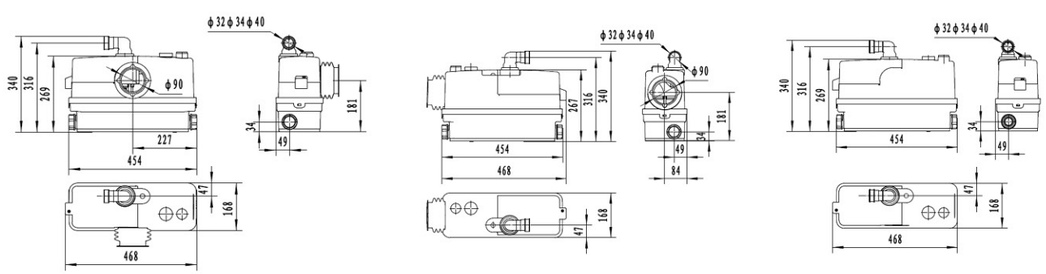
WC 60 1 A

- A — Symbol for Product Optimization
- 1 — Improve
- 60 — Power (x10W)
- WC — Domestic Lifting Station

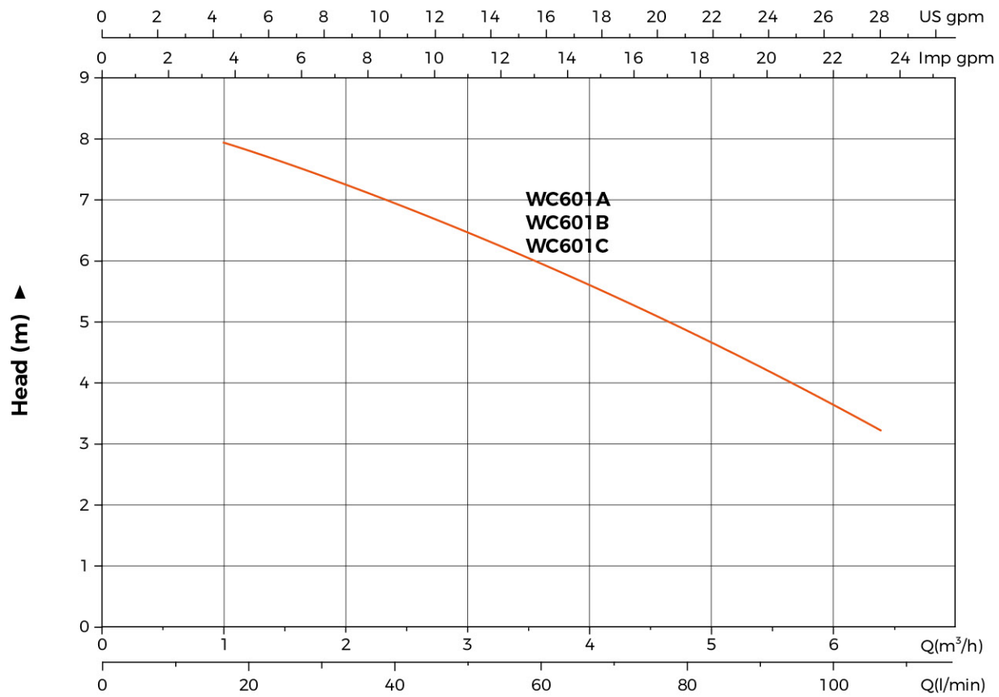
Technical Data

Model	Power		Voltage	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V	m³/h	m		€
WC601A	0.6	0.8	220-240	6	8.5	5009656041	355.33
WC601B	0.6	0.8		6	8.5	5009664028	352.71
WC601C	0.6	0.8		6	8.5	5009667037	329.41

Dimension



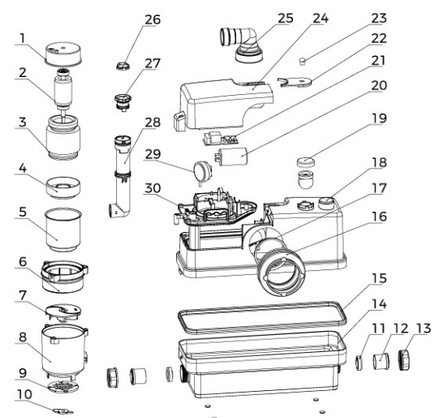
Hydraulic Performance Curves



Capacity Q ►

Material Table

No.	Part	Material	No.	Part	Material
1	Upper cover	ADC12	16	Feed pipe	EPDM
2	Rotor		17	Feedpipe fixer	ABS
3	Stator		18	Tank cover	ABS
4	Bearing seat	ADC12	19	Vent cap	ABS
5	Stator shield	SS304	20	Capacitor	
6	Pump boby support	PP-G	21	Circuit board	
7	Impeller	PP-G	22	Outlet cover	ABS
8	Pump body	PP-G	23	Button switch	
9	Cutting ring	X90CrMoV18	24	Motor cover	ABS
10	Cutting blade	X90CrMoV18	25	Outlet pipe	PVC
11	Import check valve		26	Way valve parts	NBR
12	Water inlet capping	ABS	27	Outlet check valve	PP-G
13	Inlet nut	ABS	28	Outlet pipe	PP-G
14	Water tank	ABS	29	Air witch	
15	Seal	EPDM	30	Motor seat	PP-G



GROUND WATER SMALL BOREHOLE

XR Submersible Borehole Pump
XRS Submersible Borehole Pump
5DW Submersible Borehole Pump
LDW Intelligent Deep Well Pump
QJ-G High Efficiency Intelligent Borehole Pump

Ground Water Pumps – Borehole

XR Submersible Borehole Pump

Application

- For water supply from wells or reservoirs
- For domestic use, for civil and industrial applications
- For garden use and irrigation

Operating Conditions

- Maximum fluid temperature up to +35℃
- Maximum sand content: 0.25%
- Maximum immersion: 150 m
- Minimum well diameter: 3"、4"

Motor and Pump

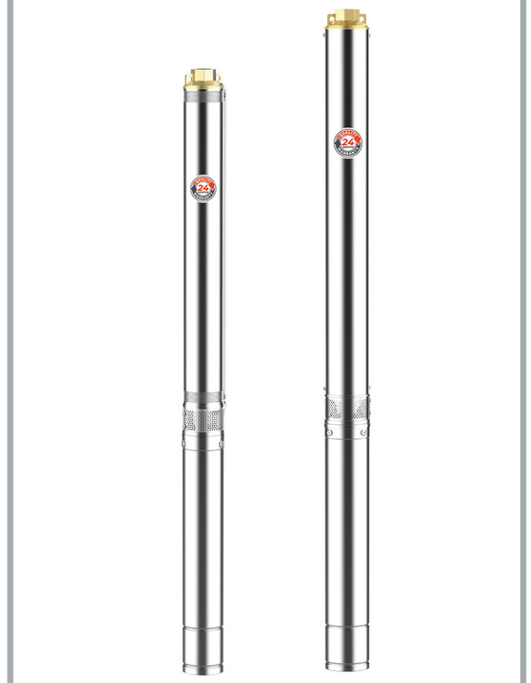
- Rewindable motor
- **Single-Phase:** 220 - 240V/50Hz
  ※170-240V wide range of operating voltage, minimum starting voltage 130V
- **Three-Phase:** 380 - 415V/50Hz
  ※300-430V wide range of operating voltage, minimum starting voltage 280V
- Capacitance: P2
- 4" has NEMA dimension standards
- Equip with start control box
- Enclosures class: IP68
- Insulation class: F

Identification Codes

4 XR (m) 2 / 27 - 1.5

- 1.5 — Rated Power (kW)
- 27 — Impeller Stage
- 2 — Rated Flow (m^3/h)
- (m) — Single-Phase Motor
- XR — Submersible Borehole Pump
- 4 — Min. Well Diameter: 4"

Components	Material
Pump external casing	SS201
Dellvery casing	Cast-Cu
Suction connector	SS201
Volute	PC
Impeller	POM
Pump shaft	SS410
Shaft coupling	SS205
Volute assembly	SS201
Strainer	SS430
Motor external casing	SS304
Top chock	Cast-Cu for 3" / Cast iron for 4"
Bottom support	SS430
Mechanical seal	Special seal for deep well Graphite-Ceramic
Motor shaft	SS304 + ASTM 5140
Seal lubricant oil	10# Food Grade Mechanical White Oil





LCB-S03
- Single phase
- 220V~240V/50Hz
- Power: 0.18~1.5kW



LCB-S04
- Single phase
- 220V~240V/50Hz
- Power: 0.18~3kW



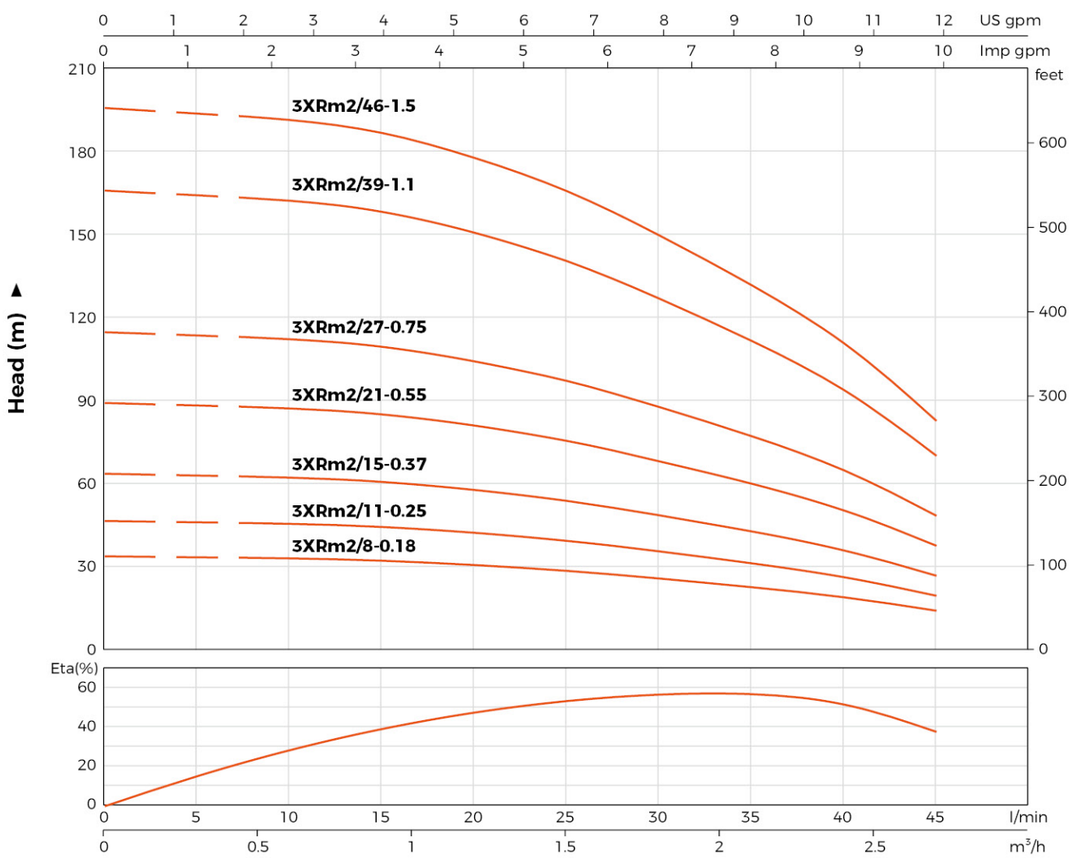
LCB-S06
- Single phase
- 220V~240V/50Hz
- Power: 2.2~5.5kW



LCB-T07
- Three phase
- 380V~415V/50Hz
- Power: 0.37~15kW

XR Submersible Borehole Pump

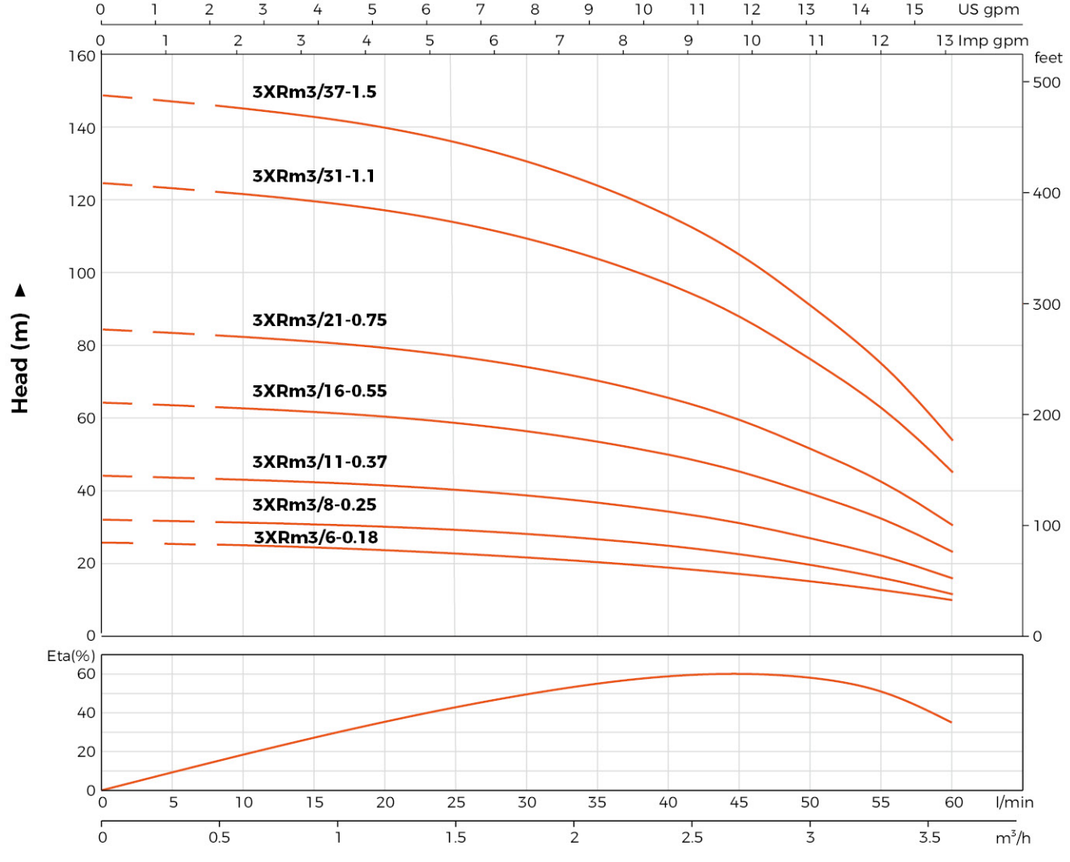
3XR 2



Technical Data

Model 1~	Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)
220-240V	kW	HP	m³/h	m		€
3XRm2/8-0.18	0.18	0.25	2.7	34	5062194002	253.59
3XRm2/11-0.25	0.25	0.33	2.7	47	5047129003	272.67
3XRm2/15-0.37	0.37	0.5	2.7	64	5044723007	300.64
3XRm2/21-0.55	0.55	0.75	2.7	89	5044179007	341.36
3XRm2/27-0.75	0.75	1	2.7	115	5050734006	383.77
3XRm2/39-1.1	1.1	1.5	2.7	166	5046806004	480.02
3XRm2/46-1.5	1.5	2	2.7	196	5048869005	564.43

3XR 3

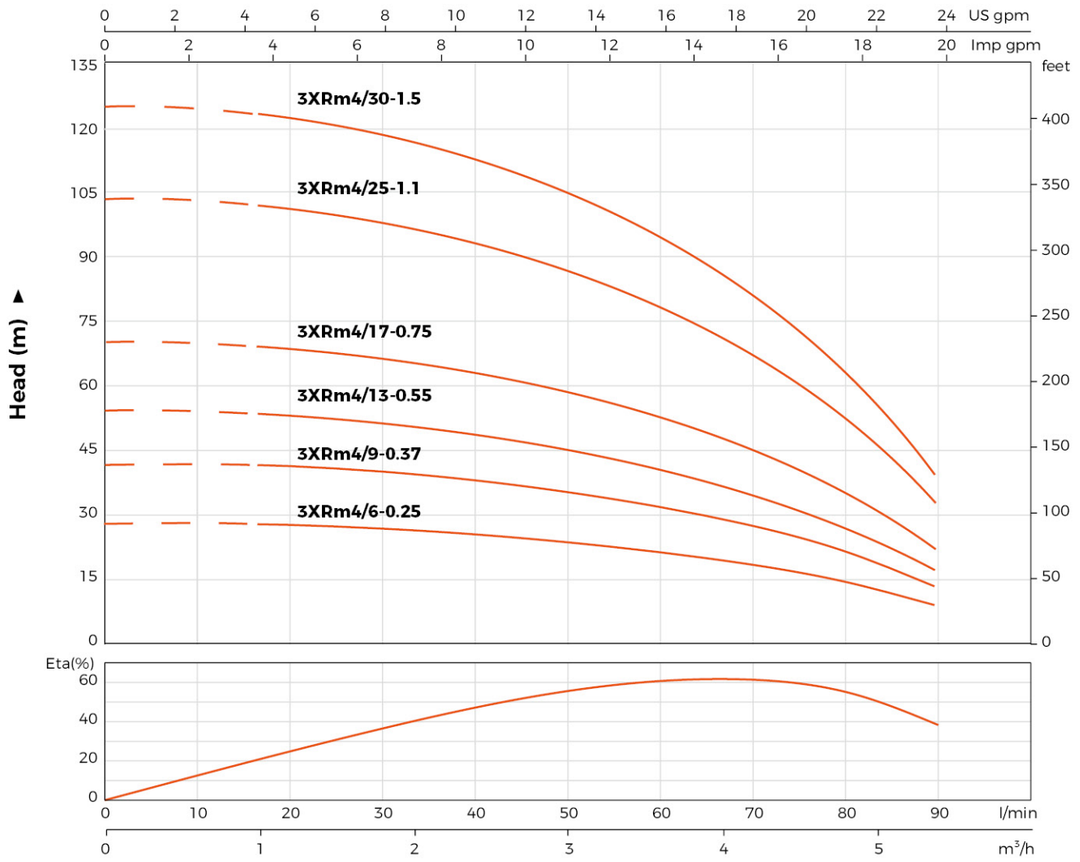


Technical Data

Model 1~	Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)
220-240V	kW	HP	m³/h	m		€
3XRm3/6-0.18	0.18	0.25	3.9	24	5072240001	251.03
3XRm3/8-0.25	0.25	0.33	3.9	32	5072250001	266.71
3XRm3/11-0.37	0.37	0.5	3.9	44	5047267003	291.32
3XRm3/16-0.55	0.55	0.75	3.9	64	5047127007	325.68
3XRm3/21-0.75	0.75	1	3.9	84	5054716005	372.73
3XRm3/31-1.1	1.1	1.5	3.9	124	5054717004	464.34
3XRm3/37-1.5	1.5	2	3.9	148	5054718004	544.06

XR Submersible Borehole Pump

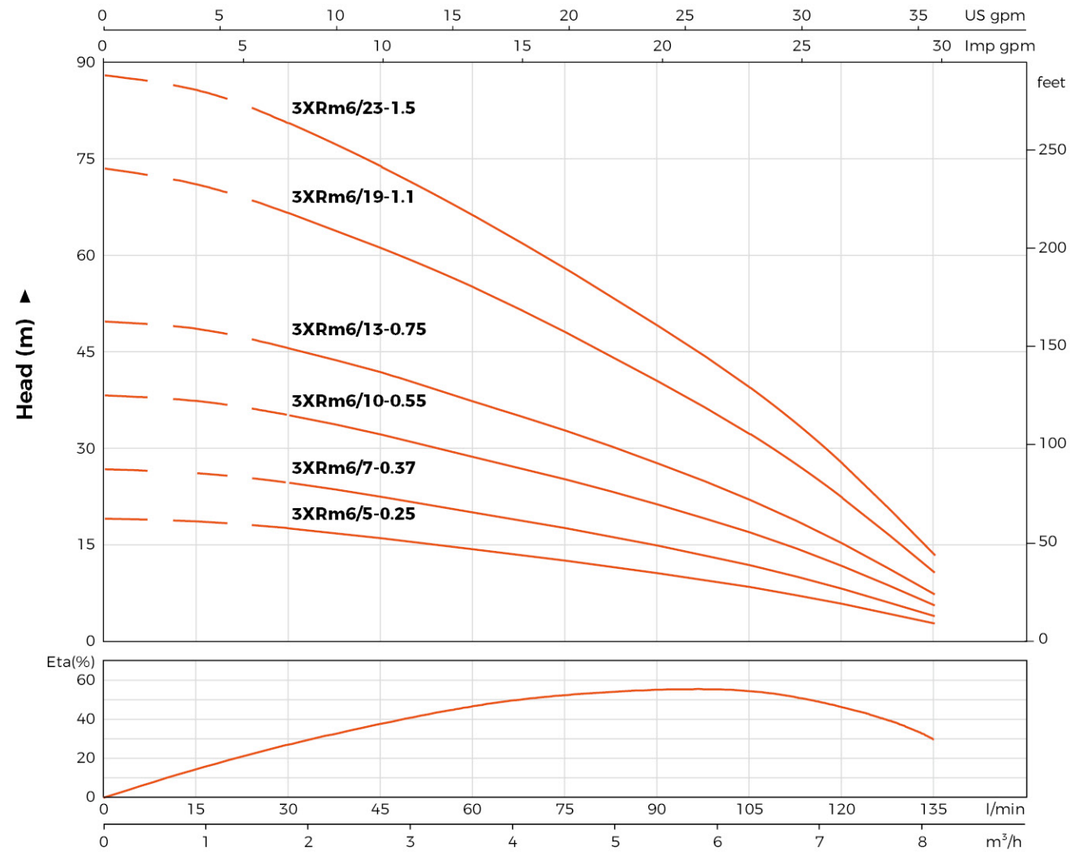
3XR 4



Technical Data

Model 1~	Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)
220-240V	kW	HP	m³/h	m		€
3XRm4/6-0.25	0.25	0.33	5.4	25	5072317001	264.59
3XRm4/9-0.37	0.37	0.5	5.4	37	5072329001	290.92
3XRm4/13-0.55	0.55	0.75	5.4	53	5054051002	318.88
3XRm4/17-0.75	0.75	1	5.4	70	5050025008	362.56
3XRm4/25-1.1	1.1	1.5	5.4	103	5050026007	452.45
3XRm4/30-1.5	1.5	2	5.4	123	5053884005	526.26

3XR 6

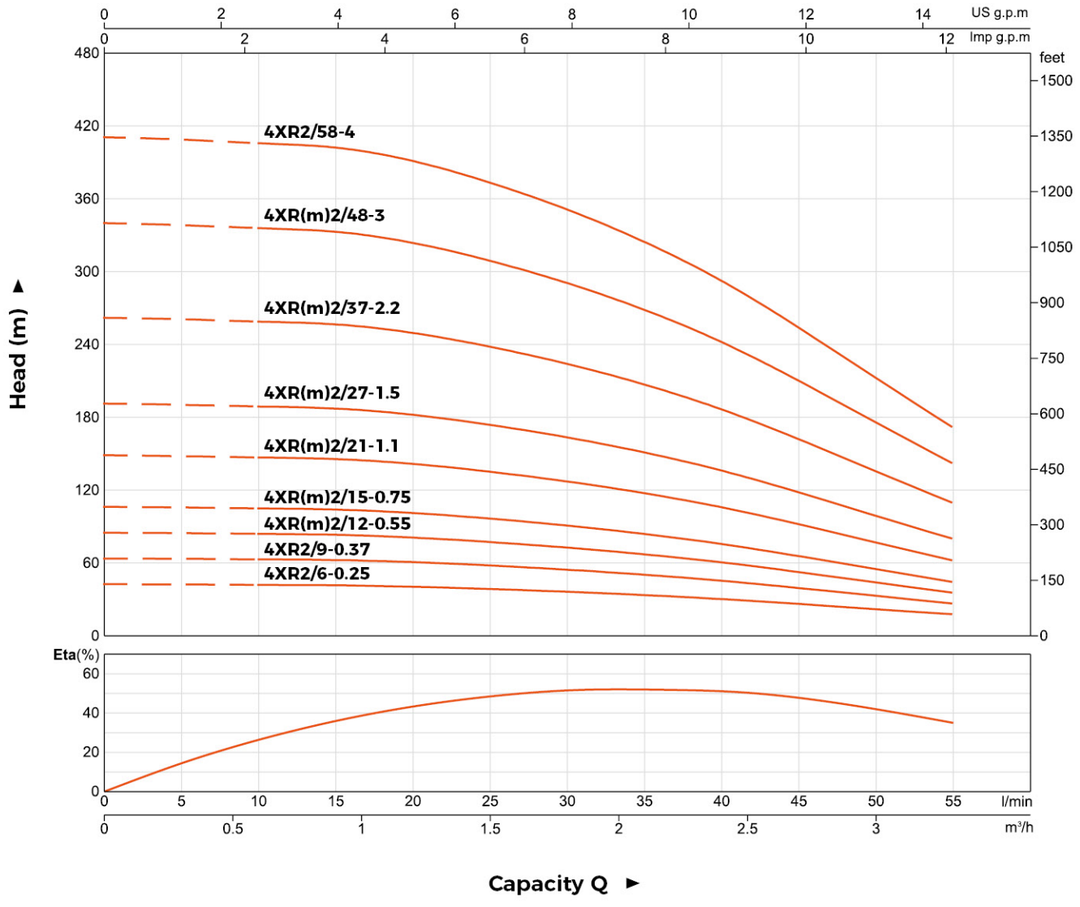


Technical Data

Model 1~	Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)
220-240V	kW	HP	m³/h	m		€
3XRm6/5-0.25	0.25	0.33	8.1	19	5072112001	266.31
3XRm6/7-0.37	0.37	0.5	8.1	27	5072123001	291.76
3XRm6/10-0.55	0.55	0.75	8.1	38	5072130001	318.88
3XRm6/13-0.75	0.75	1.0	8.1	50	5061056002	363.00
3XRm6/19-1.1	1.1	1.5	8.1	73	5072152001	447.37
3XRm6/23-1.5	1.5	2.0	8.1	88	5055212002	523.70

XR Submersible Borehole Pump

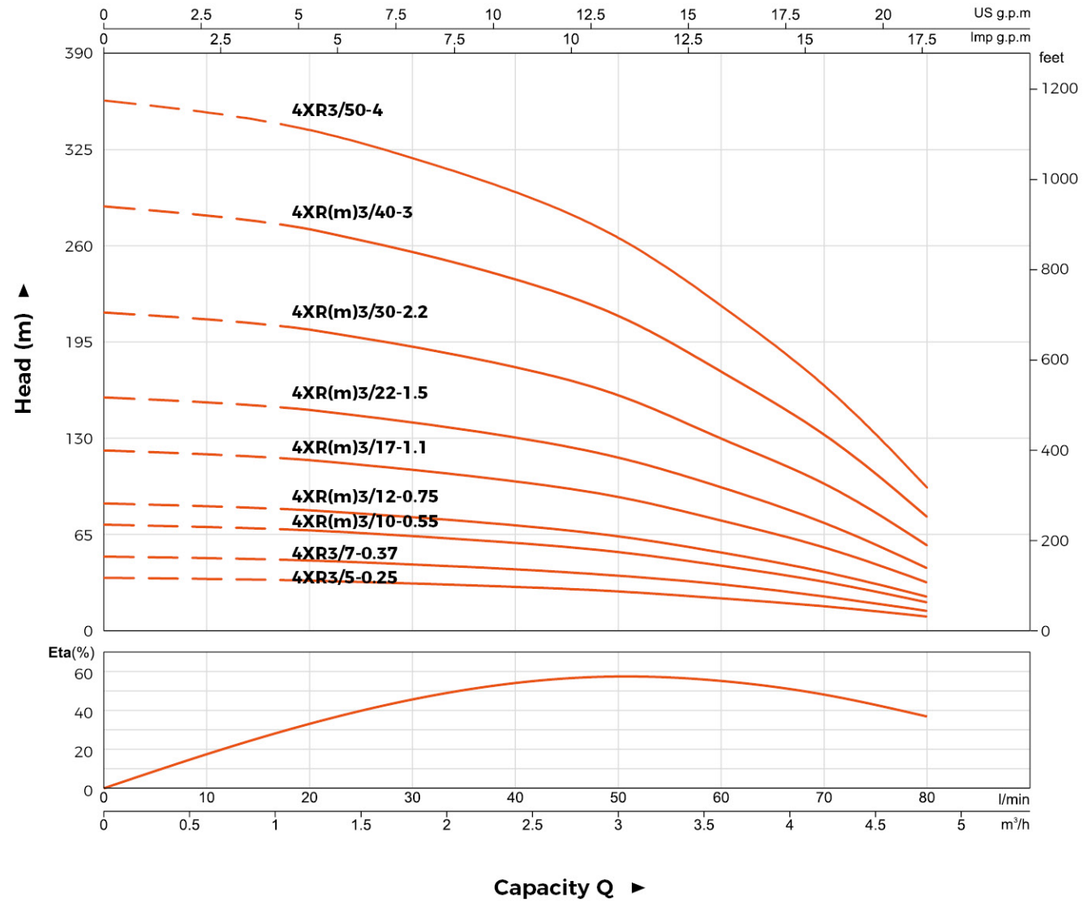
4XR 2



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRm2/6-0.25	-	0.25	0.33	3.3	43	5072110001	294.72	-	-
4XRm2/9-0.37	-	0.37	0.5	3.3	64	5072118001	316.76	-	-
4XRm2/12-0.55	4XR2/12-0.55	0.55	0.75	3.3	85	5072129001	343.92	5072233001	440.17
4XRm2/15-0.75	4XR2/15-0.75	0.75	1	3.3	106	5071867002	386.33	5072246001	470.26
4XRm2/21-1.1	4XR2/21-1.1	1.1	1.5	3.3	149	5072151001	457.13	5072261001	532.62
4XRm2/27-1.5	4XR2/27-1.5	1.5	2	3.3	191	5072162001	529.62	5072273001	602.99
4XRm2/37-2.2	4XR2/37-2.2	2.2	3	3.3	262	5056995003	727.68	5072287001	760.33
4XRm2/48-3	4XR2/48-3	3	4	3.3	340	5072184001	925.26	5072300001	934.59
-	4XR2/58-4	4	5.5	3.3	411	-	-	5072311001	1,161.05

4XR 3

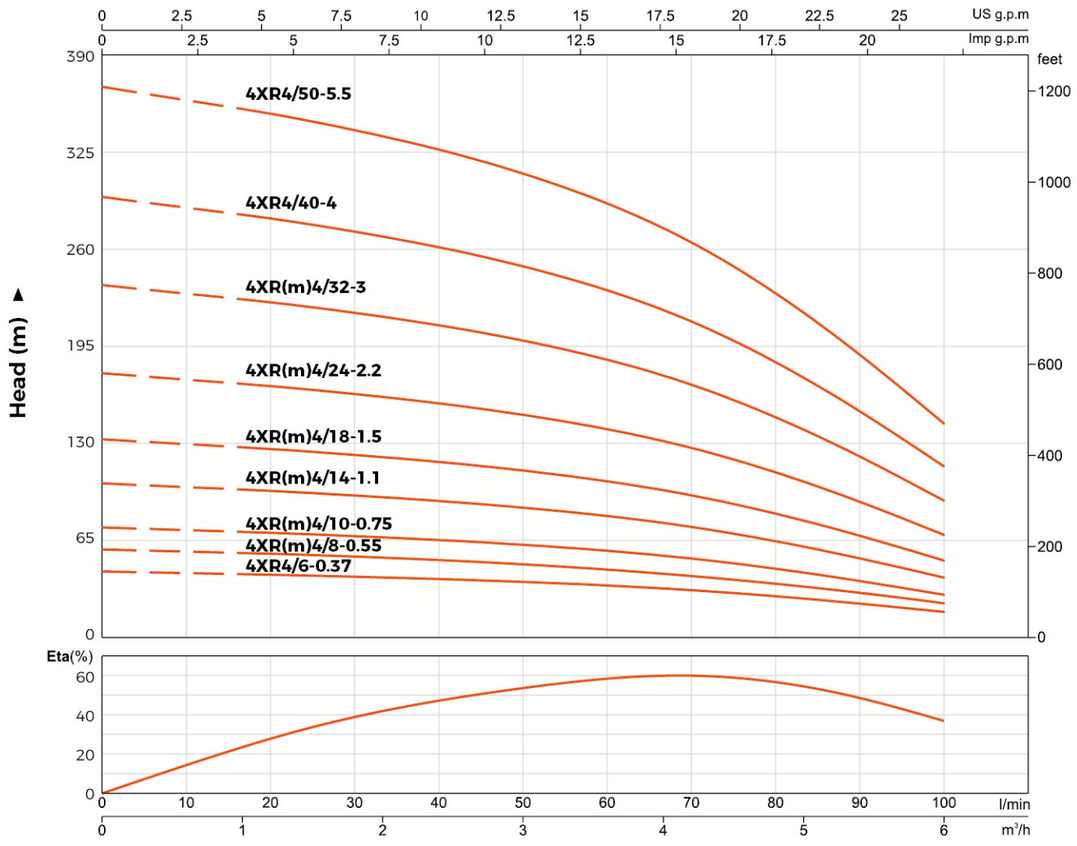


Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRm3/5-0.25	-	0.25	0.33	4.8	36	5072198001	289.64	-	-
4XRm3/7-0.37	-	0.37	0.5	4.8	50	5055051002	312.52	-	-
4XRm3/10-0.55	4XR3/10-0.55	0.55	0.75	4.8	72	5047128005	341.36	5072322001	437.61
4XRm3/12-0.75	4XR3/12-0.75	0.75	1	4.8	86	5054052005	378.25	5072333001	462.21
4XRm3/17-1.1	4XR3/17-1.1	1.1	1.5	4.8	122	5055049005	439.33	5072056001	514.78
4XRm3/22-1.5	4XR3/22-1.5	1.5	2	4.8	158	5055050004	507.18	5072073001	580.51
4XRm3/30-2.2	4XR3/30-2.2	2.2	3	4.8	215	5055704004	677.64	5055054002	710.28
4XRm3/40-3	4XR3/40-3	3	4	4.8	287	5072294001	857.86	5072099001	867.18
-	4XR3/50-4	4	5.5	4.8	358	-	-	5072113001	1,066.04

XR Submersible Borehole Pump

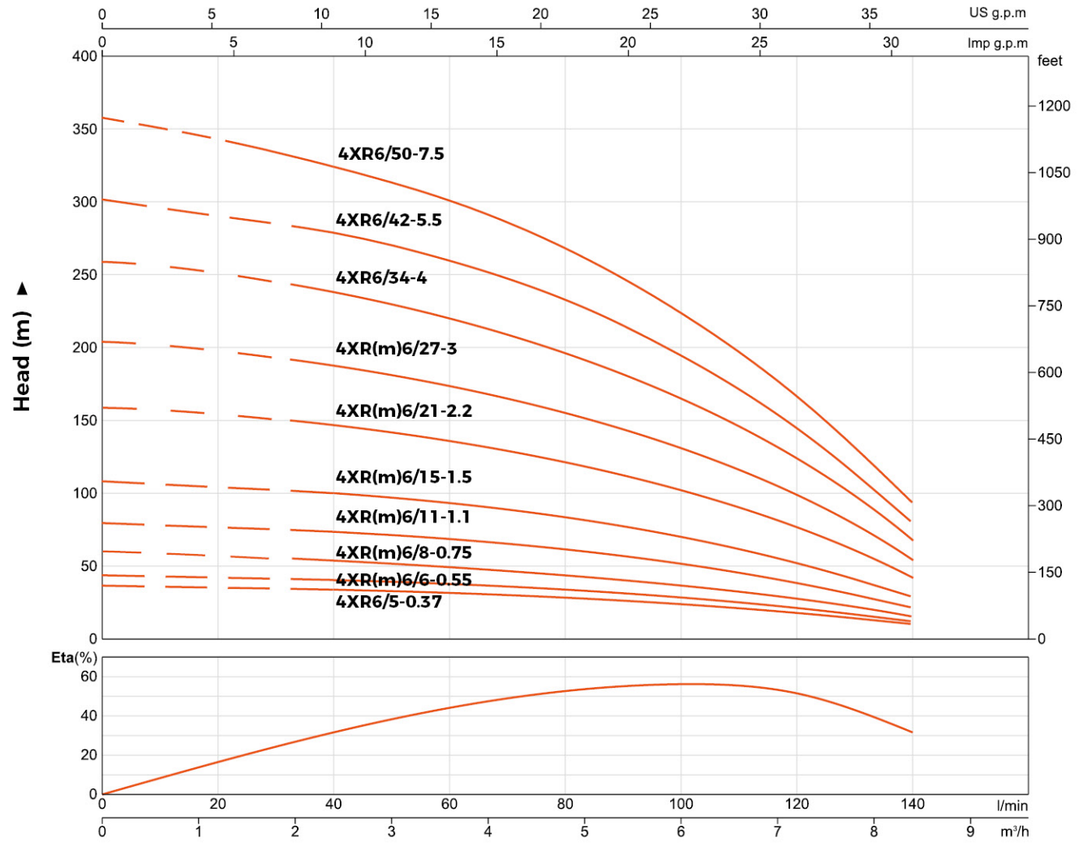
4XR 4



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRm4/6-0.37	-	0.37	0.5	6.0	44	5050885003	307.44	-	-
4XRm4/8-0.55	4XR4/8-0.55	0.55	0.75	6.0	59	5055776002	332.04	5072126001	428.29
4XRm4/10-0.75	4XR4/10-0.75	0.75	1	6.0	74	5049787005	365.12	5072141001	449.05
4XRm4/14-1.1	4XR4/14-1.1	1.1	1.5	6.0	103	5055778003	421.93	5072153001	497.42
4XRm4/18-1.5	4XR4/18-1.5	1.5	2	6.0	132	5055777002	488.10	5072164001	561.43
4XRm4/24-2.2	4XR4/24-2.2	2.2	3	6.0	177	5052213003	645.39	5059348002	678.04
4XRm4/32-3	4XR4/32-3	3	4	6.0	235	5072079001	798.89	5072192001	808.25
-	4XR4/40-4	4	5.5	6.0	294	-	-	5072206001	995.23
-	4XR4/50-5.5	5.5	7.5	6.0	368	-	-	5072216001	1,177.17

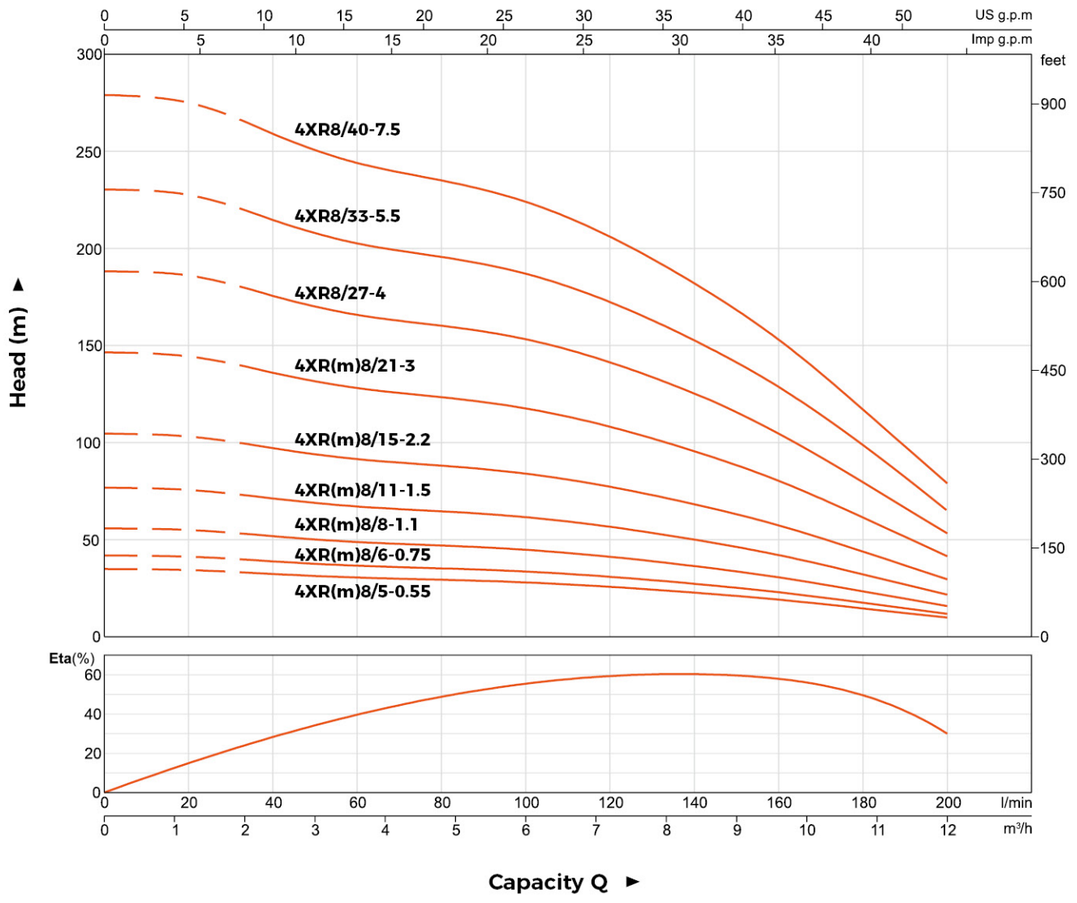
4XR 6



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRm6/5-0.37	-	0.37	0.5	8.4	36	5072088001	309.12	-	-
4XRm6/6-0.55	4XR6/6-0.55	0.55	0.75	8.4	43	5072102001	329.48	5072229001	425.73
4XRm6/8-0.75	4XR6/8-0.75	0.75	1	8.4	57	5044182002	364.68	5072243001	448.65
4XRm6/11-1.1	4XR6/11-1.1	1.1	1.5	8.4	79	5054053003	418.97	5072255001	494.46
4XRm6/15-1.5	4XR6/15-1.5	1.5	2	8.4	108	5060692003	480.86	5072267001	554.22
4XRm6/21-2.2	4XR6/21-2.2	2.2	3	8.4	151	5064165002	638.63	5072279001	671.28
4XRm6/27-3	4XR6/27-3	3	4	8.4	194	5072163001	786.61	5064166002	795.93
-	4XR6/34-4	4	5.5	8.4	244	-	-	5064167002	986.75
-	4XR6/42-5.5	5.5	7.5	8.4	302	-	-	5064168002	1,161.05
-	4XR6/50-7.5	7.5	10	8.4	359	-	-	5064169003	1,395.12

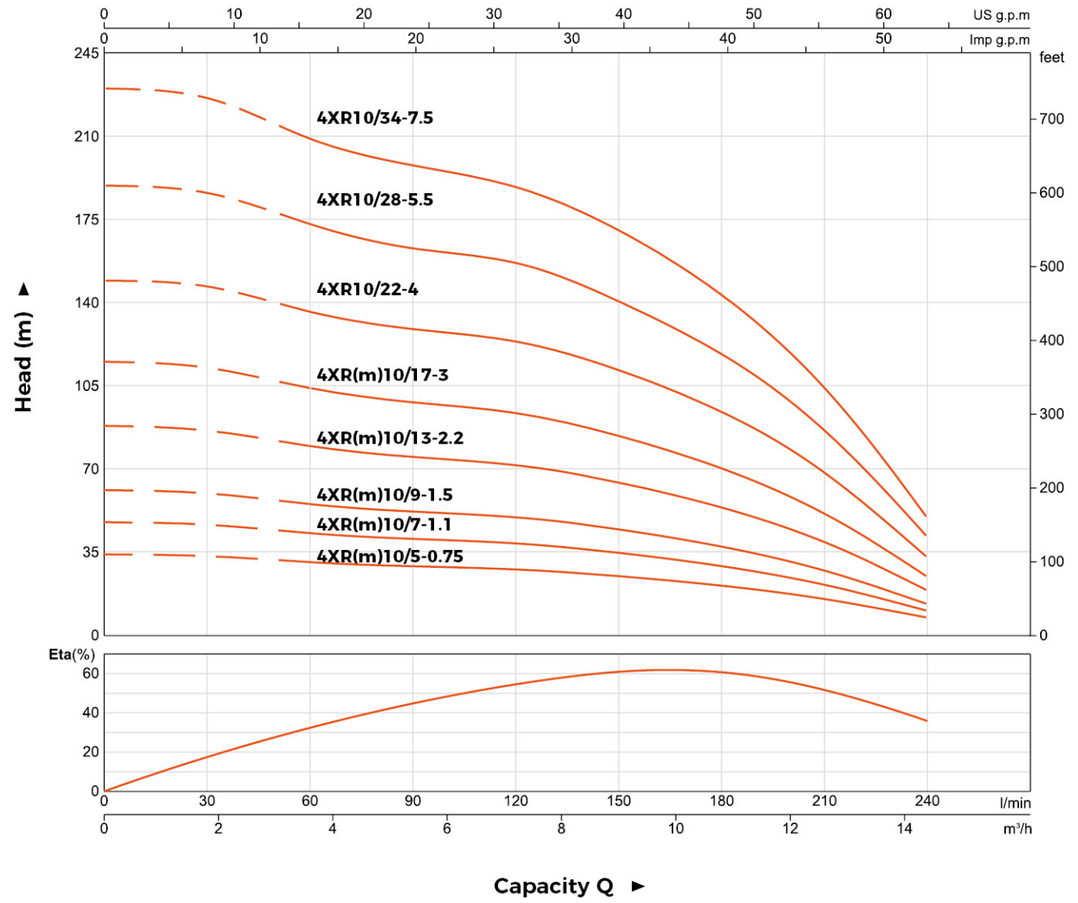
4XR 8



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRm8/5-0.55	4XR8/5-0.55	0.55	0.75	12	35	5072173001	329.48	5072336001	425.73
4XRm8/6-0.75	4XR8/6-0.75	0.75	1	12	42	5072188001	366.36	5072346001	450.33
4XRm8/8-1.1	4XR8/8-1.1	1.1	1.5	12	56	5072202001	415.13	5072059001	490.62
4XRm8/11-1.5	4XR8/11-1.5	1.5	2	12	77	5072219001	483.42	5072066001	556.79
4XRm8/15-2.2	4XR8/15-2.2	2.2	3	12	105	5072231001	644.11	5072082001	676.80
4XRm8/21-3	4XR8/21-3	3	4	12	146	5072241001	800.17	5072095001	809.49
-	4XR8/27-4	4	5.5	12	188	-	-	5072111001	992.27
-	4XR8/33-5.5	5.5	7.5	12	230	-	-	5072116001	1,175.45
-	4XR8/40-7.5	7.5	10	12	279	-	-	5072133001	1,407.40

4XR 10

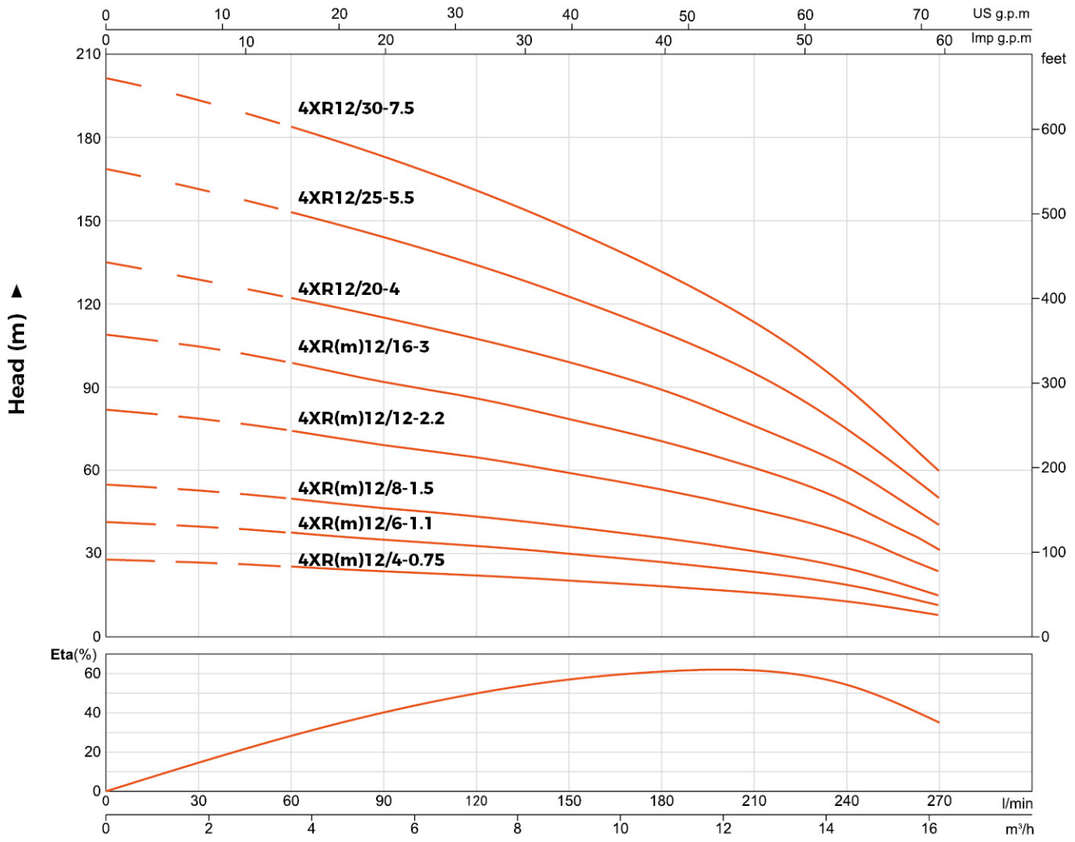


Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRm10/5-0.75	4XR10/5-0.75	0.75	1	14.4	34	5072254001	351.96	5072142001	435.93
4XRm10/7-1.1	4XR10/7-1.1	1.1	1.5	14.4	47	5072266001	402.41	5072154001	477.90
4XRm10/9-1.5	4XR10/9-1.5	1.5	2	14.4	61	5072278001	468.14	5072166001	541.50
4XRm10/13-2.2	4XR10/13-2.2	2.2	3	14.4	88	5072290001	630.15	5072175001	662.80
4XRm10/17-3	4XR10/17-3	3	4	14.4	115	5072299001	766.25	5072189001	775.57
-	4XR10/22-4	4	5.5	14.4	148	-	-	5072200001	932.07
-	4XR10/28-5.5	5.5	7.5	14.4	189	-	-	5072215001	1,087.68
-	4XR10/34-7.5	7.5	10	14.4	229	-	-	5072228001	1,319.23

XR Submersible Borehole Pump

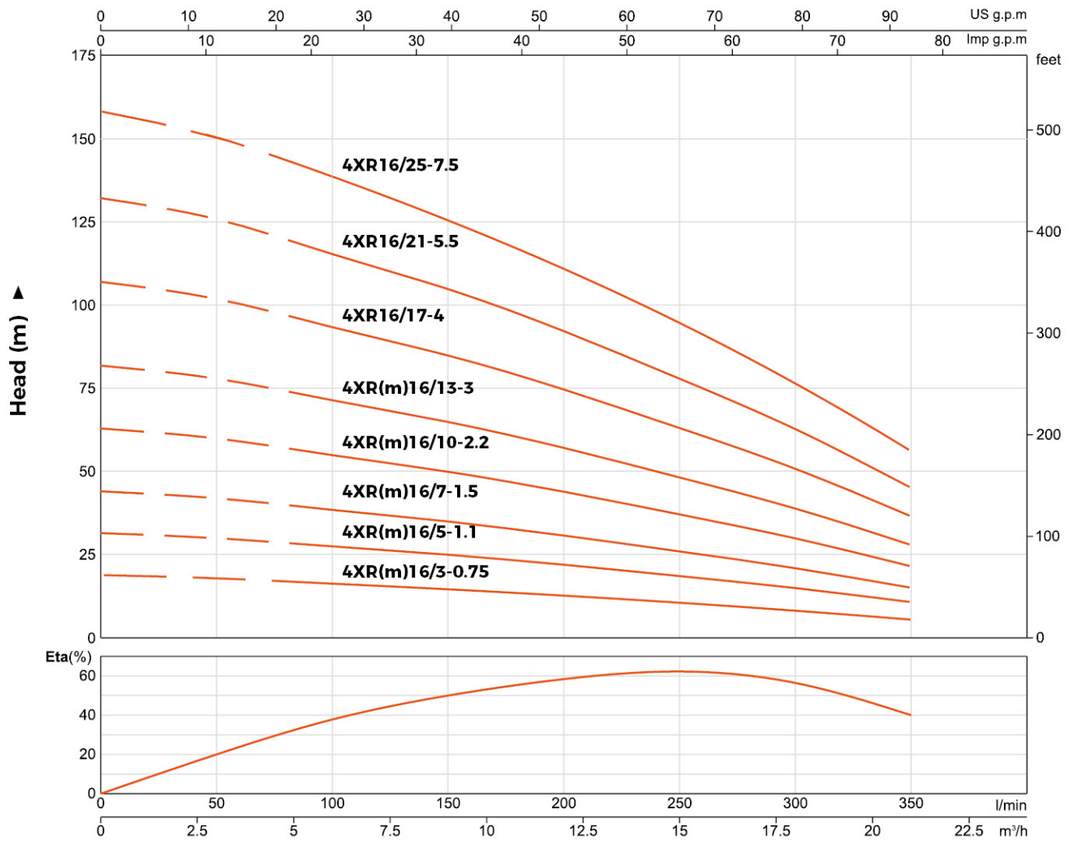
4XR 12



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRm12/4-0.75	4XR12/4-0.75	0.75	1	16.2	27	5072310001	358.76	5072244001	442.69
4XRm12/6-1.1	4XR12/6-1.1	1.1	1.5	16.2	41	5072320001	416.41	5072258001	491.90
4XRm12/8-1.5	4XR12/8-1.5	1.5	2	16.2	54	5072330001	476.62	5072272001	549.98
4XRm12/12-2.2	4XR12/12-2.2	2.2	3	16.2	81	5072057001	647.11	5072282001	679.76
4XRm12/16-3	4XR12/16-3	3	4	16.2	108	5072063001	794.25	5059350002	803.57
-	4XR12/20-4	4	5.5	16.2	135	-	-	5038213003	970.23
-	4XR12/25-5.5	5.5	7.5	16.2	169	-	-	5038215003	1,136.89
-	4XR12/30-7.5	7.5	10	16.2	203	-	-	5059351002	1,357.39

4XR 16

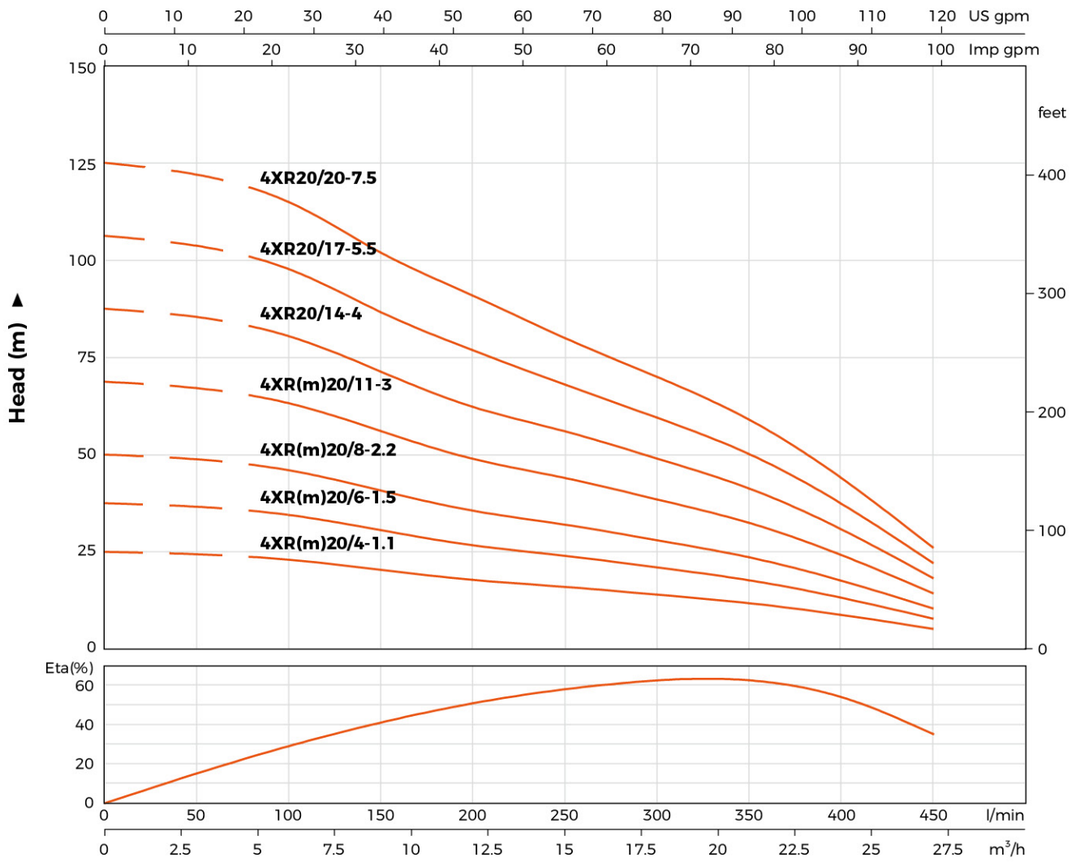


Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRm16/3-0.75	4XR16/3-0.75	0.75	1	21	19	5072078001	344.32	5072341001	428.29
4XRm16/5-1.1	4XR16/5-1.1	1.1	1.5	21	32	5072089001	401.17	5072055001	476.62
4XRm16/7-1.5	4XR16/7-1.5	1.5	2	21	44	5072103001	463.90	5072067001	537.26
4XRm16/10-2.2	4XR16/10-2.2	2. 2	3	21	63	5055213002	628.43	5072086001	661.08
4XRm16/13-3	4XR16/13-3	3	4	21	82	5072132001	764.97	5072096001	774.33
-	4XR16/17-4	4	5.5	21	107	-	-	5038214002	949.03
-	4XR16/21-5.5	5.5	7.5	21	133	-	-	5038216002	1,098.72
-	4XR16/25-7.5	7.5	10	21	158	-	-	5072136001	1,308.19

XR Submersible Borehole Pump

4XR 20



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRm20/4-1.1	4XR20/4-1.1	1.1	1.5	27	25	5072147001	399.89	5072146001	475.38
4XRm20/6-1.5	4XR20/6-1.5	1.5	2	27	38	5061055002	470.26	5072157001	543.62
4XRm20/8-2.2	4XR20/8-2.2	2.2	3	27	50	5055214002	617.83	5072170001	650.48
4XRm20/11-3	4XR20/11-3	3	4	27	69	5072187001	761.17	5072180001	770.49
-	4XR20/14-4	4	5.5	27	88	-	-	5072199001	927.83
-	4XR20/17-5.5	5.5	7.5	27	106	-	-	5072211001	1,070.28
-	4XR20/20-7.5	7.5	10	27	125	-	-	5072223001	1,249.66

XRS Submersible Borehole Pump

Back to Contents

Application

- For water supply from wells or reservoirs
- For domestic use, for civil and industrial applications
- For garden use and irrigation

Operating Conditions

- Maximum fluid temperature up to +50℃
- Maximum sand content: 0.25%
- Maximum immersion: 150 m
- Minimum well diameter: 4"

Motor and Pump

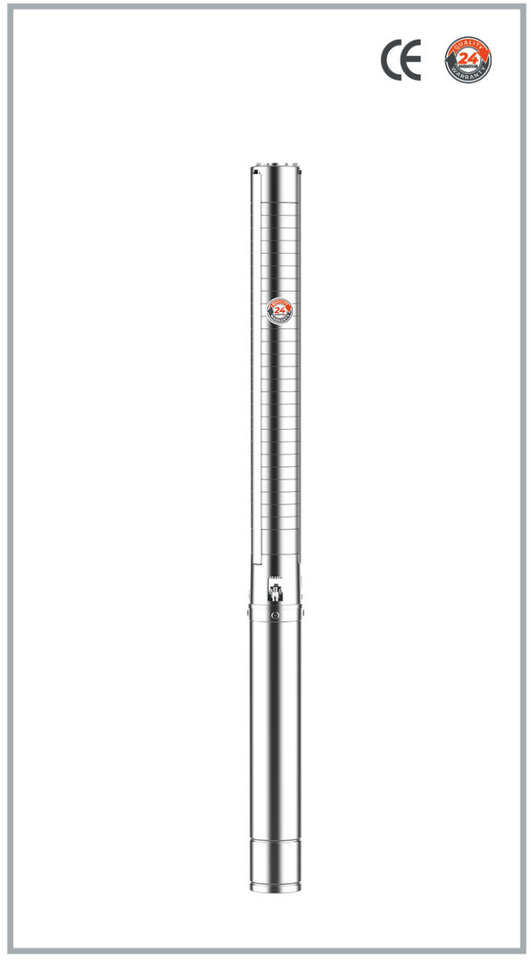
- Rewindable motor
- **Single-Phase:** 220 - 240V/50Hz
- ※170-240V wide range of operating voltage, minimum starting voltage 130V
- **Three-Phase:** 380 - 415V/50Hz
  ※300-430V wide range of operating voltage, minimum starting voltage 280V
- Capacitance: P2
- Equip with start control box
- **NEMA** dimension standards
- Curve tolerance according to ISO 9906
- Enclosures class: IP68
- Insulation class: F

Identification Codes

4 XRS (m) 2 / 9 - 0.37

- Rated Power (kW)
- Impeller Stage
- Rated Flow (m³/h)
- Single-Phase Motor
- Submersible Borehole Pump
- Min. Well Diameter: 4"

Components	Material
Dellvery casing	SS304
Suction connector	SS304
Volute	SS304
Impeller	SS304
Pump shaft	SS304
Shaft coupling	SS304
Volute assembly	Rubber
Strainer	SS304
Motor external casing	SS304
Top chock	Cast iron
Bottom support	SS304
Mechanical seal	Special seal for deep well ≤2.2KW: Graphite-Ceramic ≥3KW: Graphite-SIC
Motor shaft	SS304 + ASTM 5140
Seal lubricant oil	10# Food Grade Mechanical White Oil





LCB-S03
- Single phase
- 220V~240V/50Hz
- Power: 0.18~1.5kW



LCB-S04
- Single phase
- 220V~240V/50Hz
- Power: 0.18~3kW



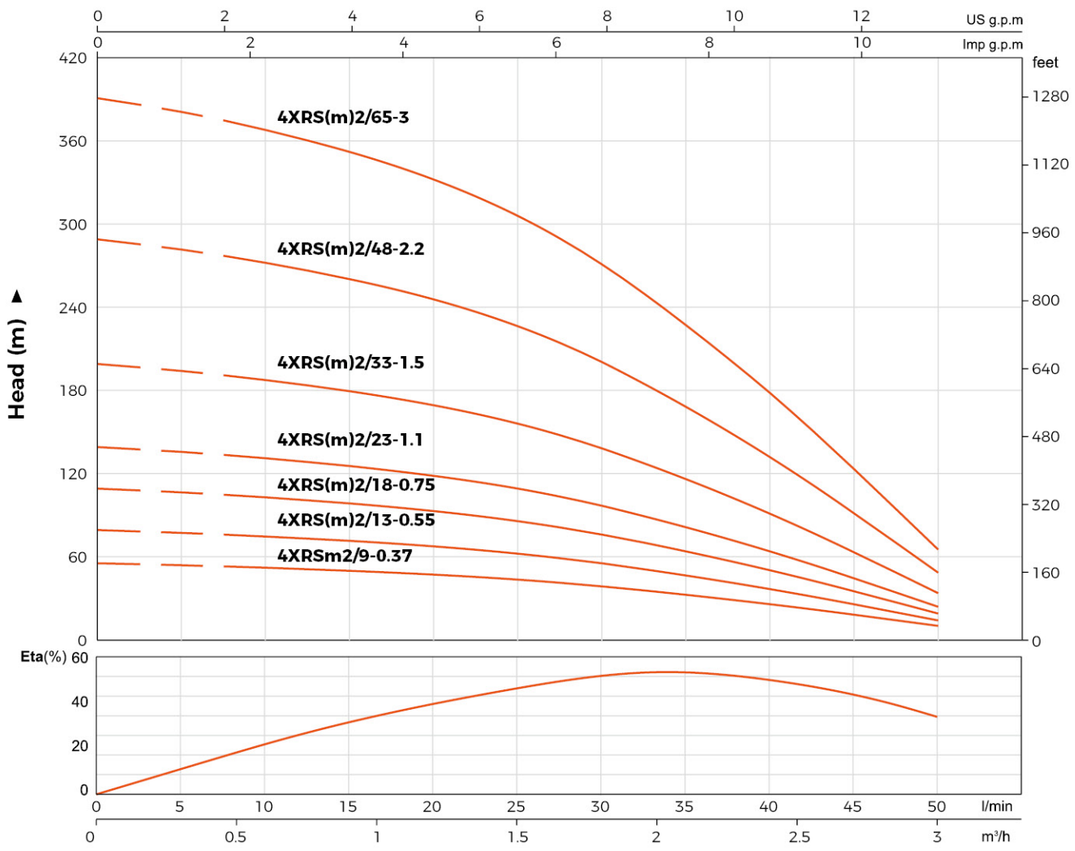
LCB-S06
- Single phase
- 220V~240V/50Hz
- Power: 2.2~5.5kW



LCB-T07
- Three phase
- 380V~415V/50Hz
- Power: 0.37~15kW

XRS Submersible Borehole Pump

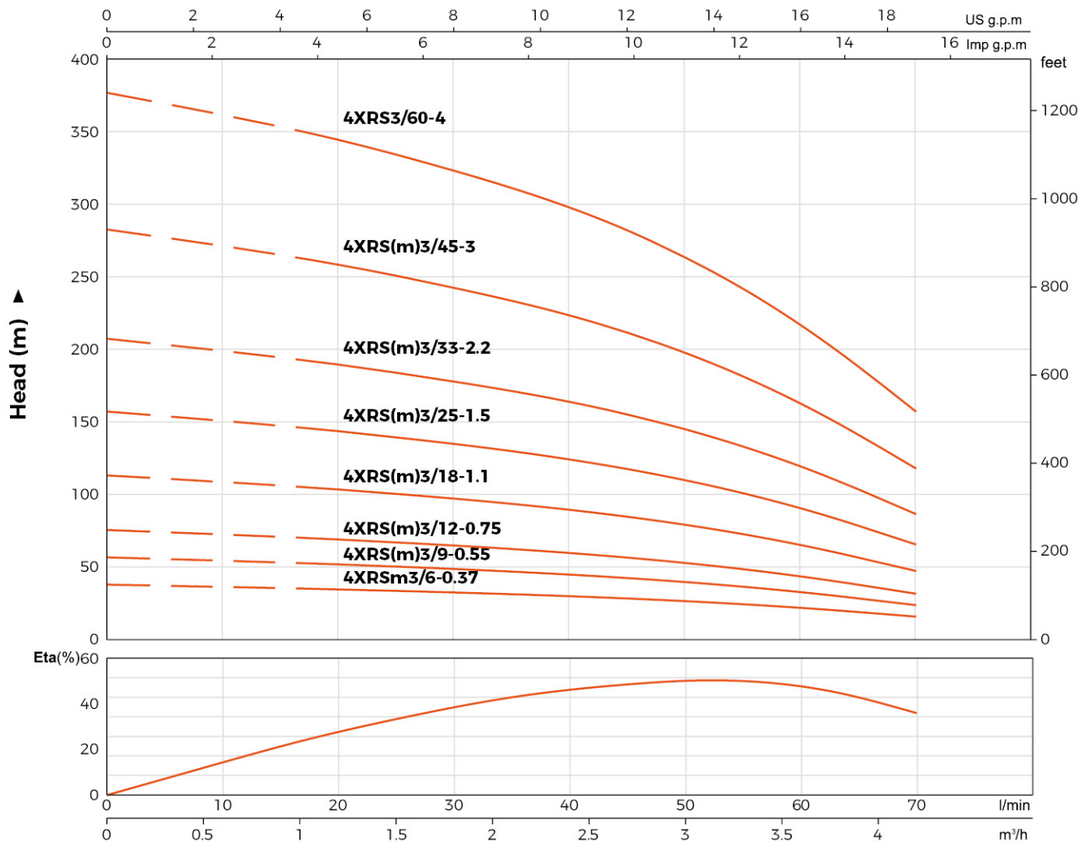
4XRS 2



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRSm2/9-0.37	-	0.37	0.5	3.0	54	5054018002	449.05	-	-
4XRSm2/13-0.55	4XRS2/13-0.55	0.55	0.75	3.0	78	5072085001	536.42	5072307001	632.67
4XRSm2/18-0.75	4XRS2/18-0.75	0.75	1	3.0	108	5053645002	653.48	5072318001	737.40
4XRSm2/23-1.1	4XRS2/23-1.1	1.1	1.5	3.0	138	5053646002	778.57	5072331001	854.02
4XRSm2/33-1.5	4XRS2/33-1.5	1.5	2	3.0	198	5053647002	1,004.15	5072343001	1,077.52
4XRSm2/48-2.2	4XRS2/48-2.2	2.2	3	3.0	288	5072128001	1,404.88	5053648002	1,437.52
4XRSm2/65-3	4XRS2/65-3	3	4	3.0	390	5072140001	1,821.28	5072052001	1,830.60

4XRS 3

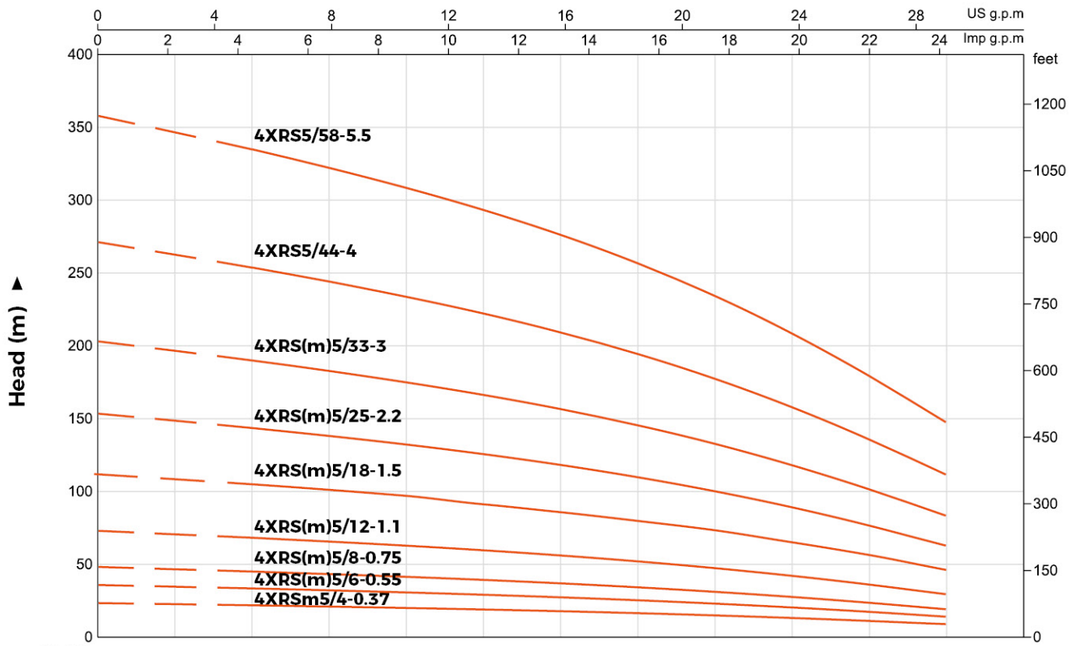


Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRSm3/6-0.37	-	0.37	0.5	4.2	37	5072149001	392.69	-	-
4XRSm3/9-0.55	4XRS3/9-0.55	0.55	0.75	4.2	56	5072160001	462.21	5072072001	558.47
4XRSm3/12-0.75	4XRS3/12-0.75	0.75	1	4.2	74	5072171001	538.54	5072081001	622.51
4XRSm3/18-1.1	4XRS3/18-1.1	1.1	1.5	4.2	112	5072181001	687.40	5072094001	762.85
4XRSm3/25-1.5	4XRS3/25-1.5	1.5	2	4.2	155	5072196001	854.46	5072106001	927.83
4XRSm3/33-2.2	4XRS3/33-2.2	2.2	3	4.2	205	5056997002	1,123.73	5072115001	1,156.37
4XRSm3/45-3	4XRS3/45-3	3	4	4.2	279	5072222001	1,446.44	5072125001	1,455.76
-	4XRS3/60-4	4	5.5	4.2	372	-	-	5072139001	1,851.80

XRS Submersible Borehole Pump

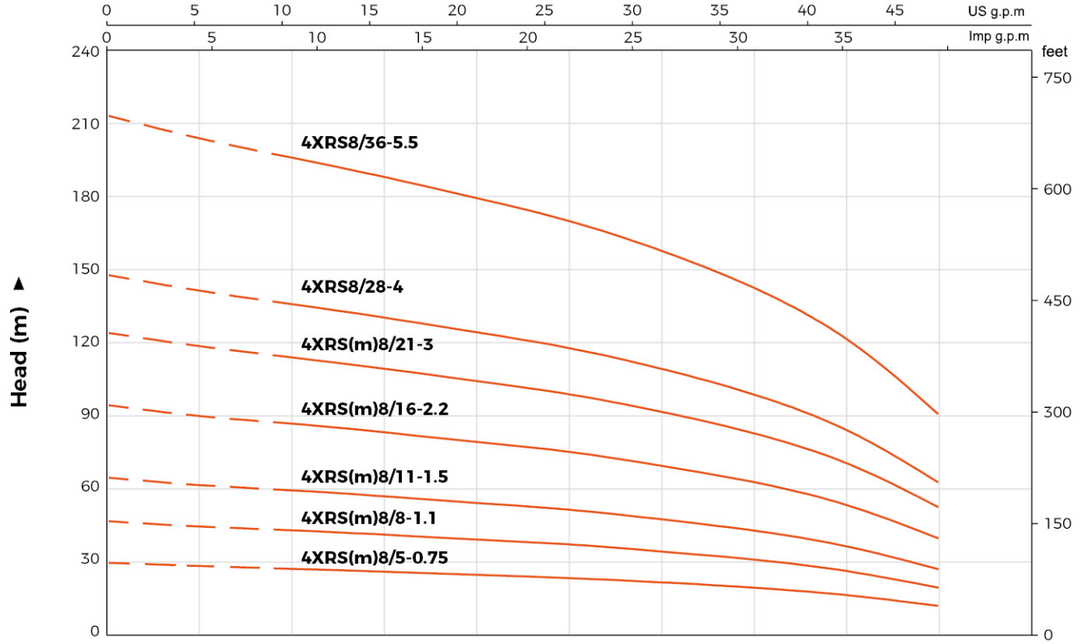
4XRS 5



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRSm5/4-0.37	-	0.37	0.5	6.6	25	5072234001	350.68	-	-
4XRSm5/6-0.55	4XRS5/6-0.55	0.55	0.75	6.6	37	5072245001	404.97	5072150001	501.22
4XRSm5/8-0.75	4XRS5/8-0.75	0.75	1	6.6	49	5072260001	466.90	5072165001	550.82
4XRSm5/12-1.1	4XRS5/12-1.1	1.1	1.5	6.6	74	5072274001	580.11	5072176001	655.60
4XRSm5/18-1.5	4XRS5/18-1.5	1.5	2	6.6	111	5072286001	719.20	5072191001	792.53
4XRSm5/25-2.2	4XRS5/25-2.2	2.2	3	6.6	154	5056996002	999.47	5072207001	1,032.12
4XRSm5/33-3	4XRS5/33-3	3	4	6.6	203	5072313001	1,259.42	5072220001	1,268.74
-	4XRS5/44-4	4	5.5	6.6	271	-	-	5053650002	1,607.98
-	4XRS5/58-5.5	5.5	7.5	6.6	357	-	-	5053649003	2,021.86

4XRS 8

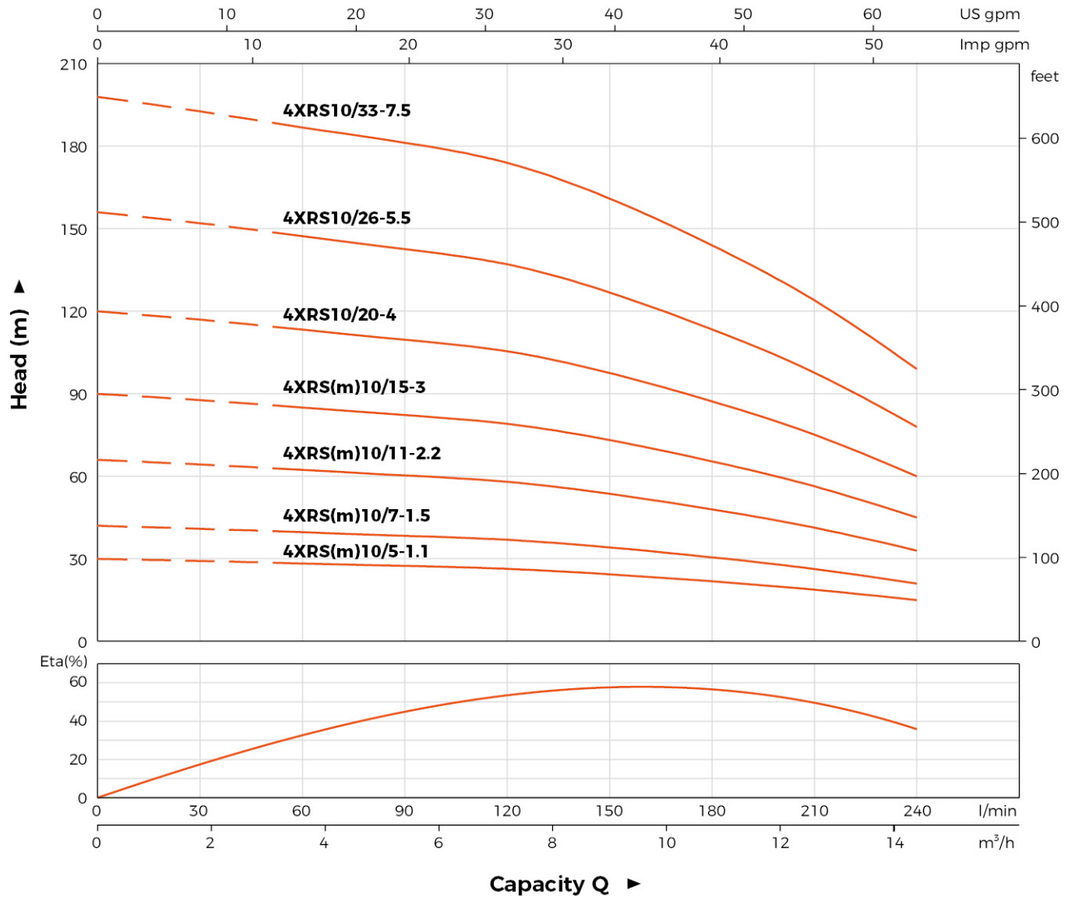


Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRSm8/5-0.75	4XRS8/5-0.75	0.75	1	10.8	30	5072323001	591.99	5072257001	675.92
4XRSm8/8-1.1	4XRS8/8-1.1	1.1	1.5	10.8	48	5072334001	699.24	5072270001	774.73
4XRSm8/11-1.5	4XRS8/11-1.5	1.5	2	10.8	66	5072054001	838.34	5072283001	911.70
4XRSm8/16-2.2	4XRS8/16-2.2	2.2	3	10.8	96	5072065001	1,152.97	5072296001	1,185.65
4XRSm8/21-3	4XRS8/21-3	3	4	10.8	125	5072074001	1,361.19	5072305001	1,370.51
-	4XRS8/28-4	4	5.5	10.8	168	-	-	5072315001	1,787.80
-	4XRS8/36-5.5	5.5	7.5	10.8	214	-	-	5072328001	2,247.45

XRS Submersible Borehole Pump

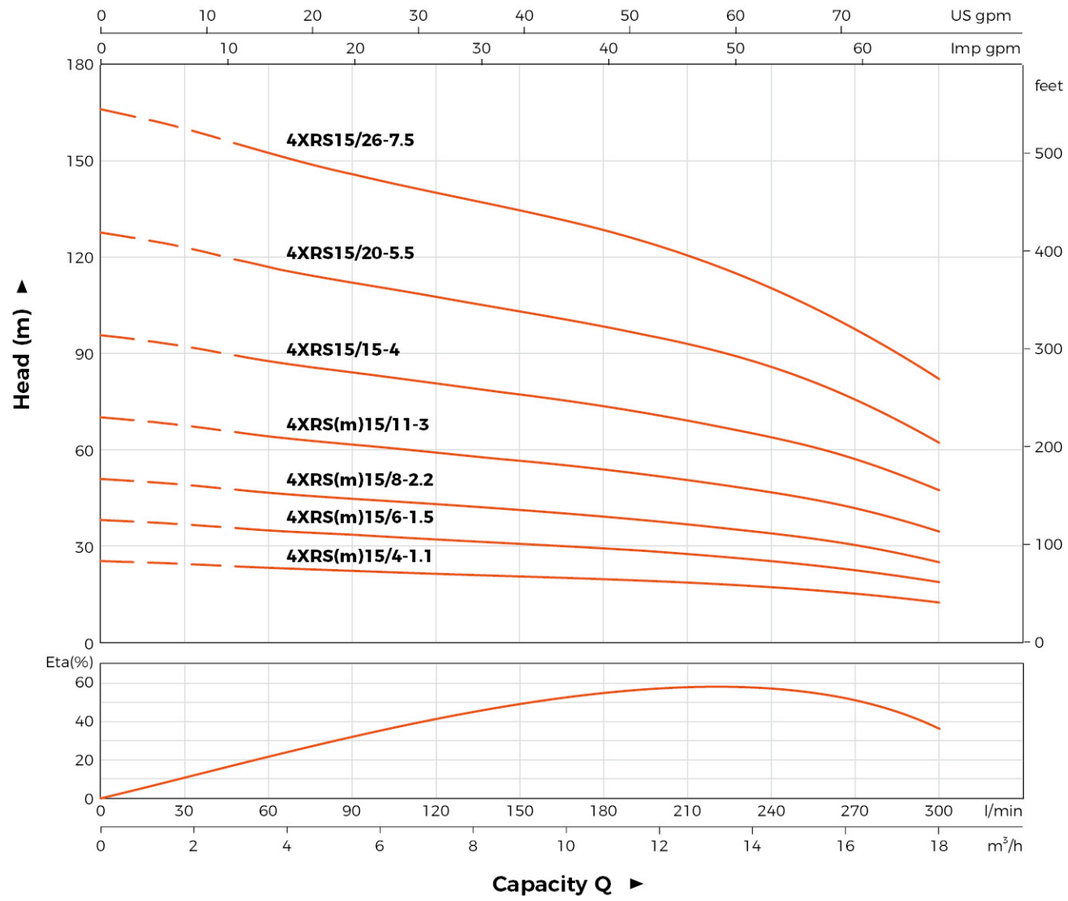
4XRS 10



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRSm10/5-1.1	4XRS10/5-1.1	1.1	1.5	14.4	30	5080033001		5080020001	
4XRSm10/7-1.5	4XRS10/7-1.5	1.5	2	14.4	42	5080041001		5080030001	
4XRSm10/11-2.2	4XRS10/11-2.2	2.2	3	14.4	66	5080050001		5080037001	
4XRSm10/15-3	4XRS10/15-3	3	4	14.4	90	5080061001		5080046001	
-	4XRS10/20-4	4	5.5	14.4	120	-		5080058001	
-	4XRS10/26-5.5	5.5	7.5	14.4	156	-		5080067001	
-	4XRS10/33-7.5	7.5	10	14.4	198	-		5080074001	

4XRS 15



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
4XRSm15/4-1.1	4XRS15/4-1.1	1.1	1.5	18	26	5080069001		5080089001	
4XRSm15/6-1.5	4XRS15/6-1.5	1.5	2	18	38	5080076001		5080101001	
4XRSm15/8-2.2	4XRS15/8-2.2	2.2	3	18	51	5078390002		5080108001	
4XRSm15/11-3	4XRS15/11-3	3	4	18	70	5080092001		5080116001	
-	4XRS15/15-4	4	5.5	18	96	-		5079905001	
-	4XRS15/20-5.5	5.5	7.5	18	128	-		5079912001	
-	4XRS15/26-7.5	7.5	10	18	166	-		5079920001	

XRS Submersible Borehole Pump



Application

- For water supply from wells or reservoirs
- For domestic use,for civil and industrial applications
- For garden use and irrigation

Operating Conditions

- Maximum fluid temperature up to +50℃
- Maximum sand content: 0.25%
- Maximum immersion: 150 m
- Minimum well diameter: 6"

Motor and Pump

- Rewindable motor
- **Single-Phase:** 220 - 240V/50Hz
  ※170-240V wide range of operating voltage, minimum starting voltage 130V
- **Three-Phase:** 380 - 415V/50Hz
  ※300-430V wide range of operating voltage, minimum starting voltage 280V
  ① Direct start (1 cable)
  ② Optional: Star-delta start (2 cable)
- Start control box available on request
- **NEMA** dimension standards
- Curve tolerance according to ISO 9906
- Enclosures class: IP68
- Insulation class: F

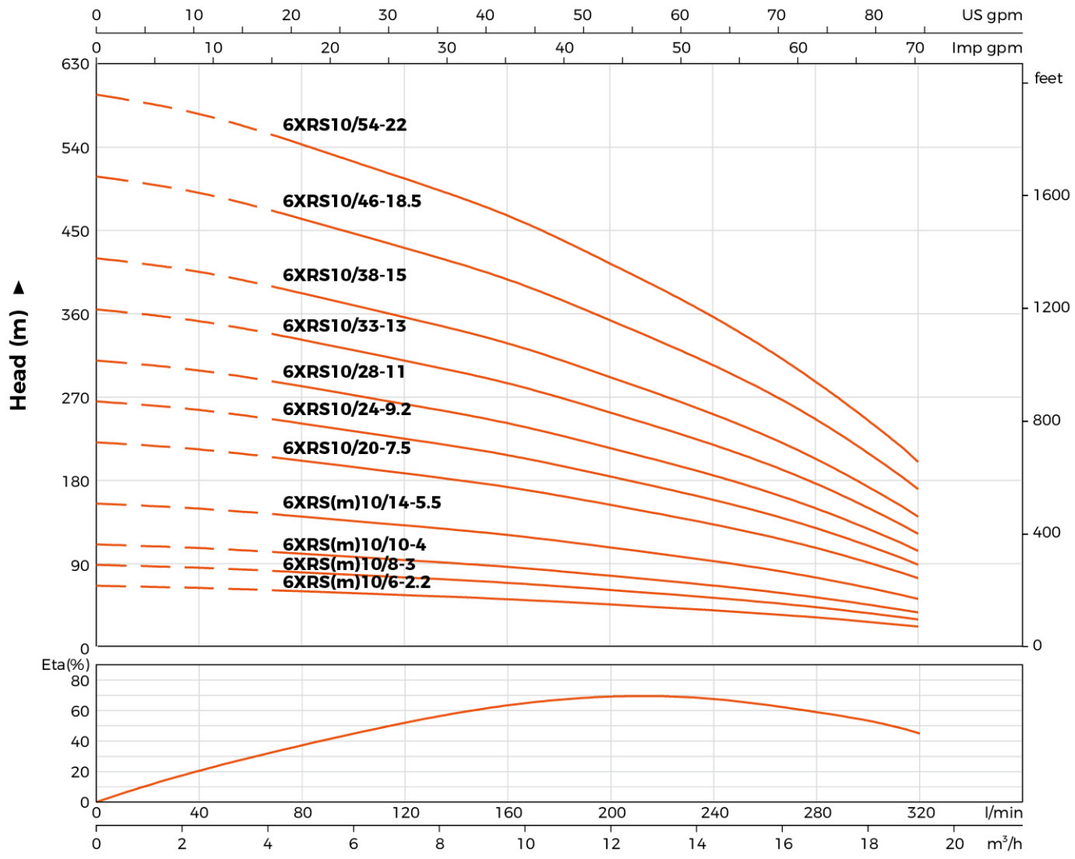
Components	Material
Dellvery casing	SS304
Suction connector	SS304
Volute	SS304
Impeller	SS304
Pump shaft	SS431
Shaft coupling	SS304
Seal ring	Rubber
Strainer	SS304
Motor external casing	SS304
Top chock	Cast iron
Bottom support	Cast iron
Mechanical seal	NBR Graphite-SIC/TC
Motor shaft	SS630+ASTM5140
Seal lubricant oil	10# Food Grade Mechanical White Oil

Identification Codes

6 XRS 17 / 5 - 3

- 6 — Min. Well Diameter: 6"
- XRS — Submersible Borehole Pump
- 17 — Rated Flow (m^3/h)
- 5 — Impeller Stage
- 3 — Rated Power (kW)

6XRS 10

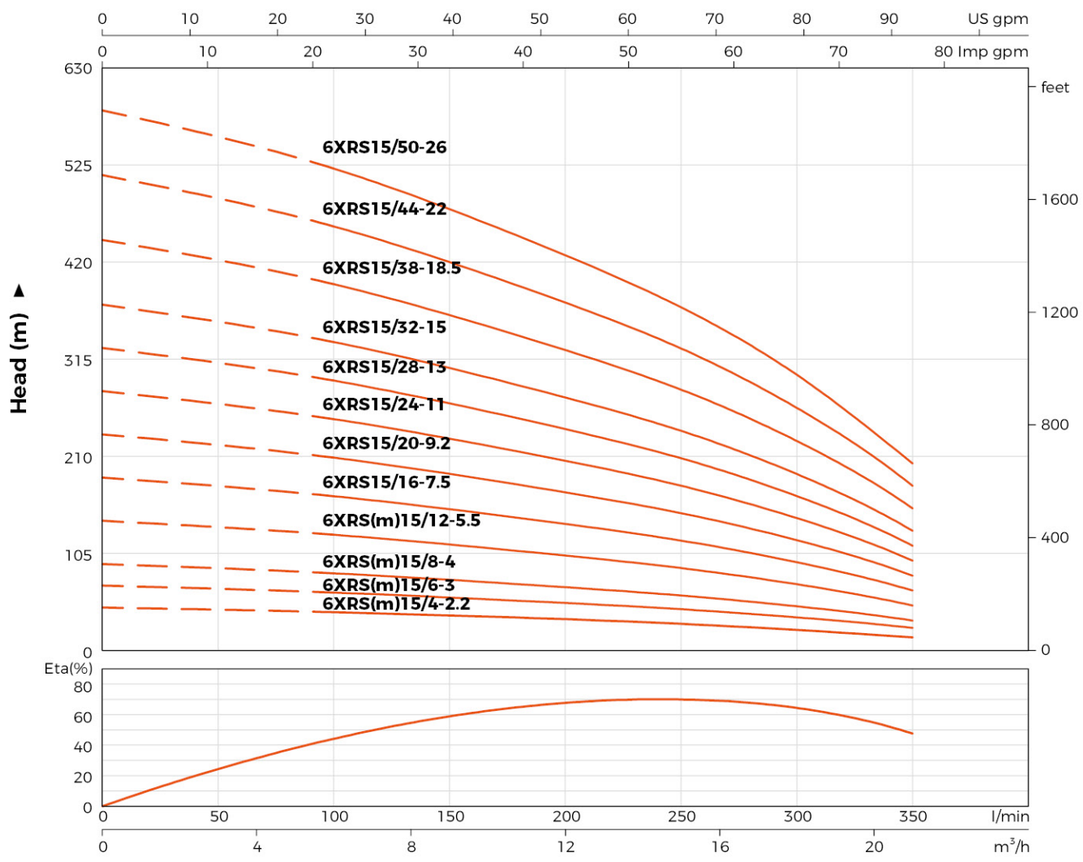


Technical Data

Model 1~	Model 3~	Power kW	Power HP	Max. Flow m³/h	Max. Head m	Part No. (1~)	Price (1~) €	Part No. (3~)	Price (3~) €
6XRSm10/6-2.2	6XRS10/6-2.2	2.2	3	19.2	66	5080099001		5079929001	
6XRSm10/8-3	6XRS10/8-3	3	4	19.2	88	5080107001		5079937001	
6XRSm10/10-4	6XRS10/10-4	4	5.5	19.2	111	5080115001		5079945001	
6XRSm10/14-5.5	6XRS10/14-5.5	5.5	7.5	19.2	155	5079903001		5079955001	
-	6XRS10/20-7.5	7.5	10	19.2	221	-	-	5079965001	
-	6XRS10/24-9.2	9.2	12.5	19.2	265	-	-	5079975001	
-	6XRS10/28-11	11	15	19.2	310	-	-	5079984001	
-	6XRS10/33-13	13	17.5	19.2	365	-	-	5079990001	
-	6XRS10/38-15	15	20	19.2	420	-	-	5079998001	
-	6XRS10/46-18.5	18.5	25	19.2	509	-	-	5080006001	
-	6XRS10/54-22	22	30	19.2	597	-	-	5080015001	

XRS Submersible Borehole Pump

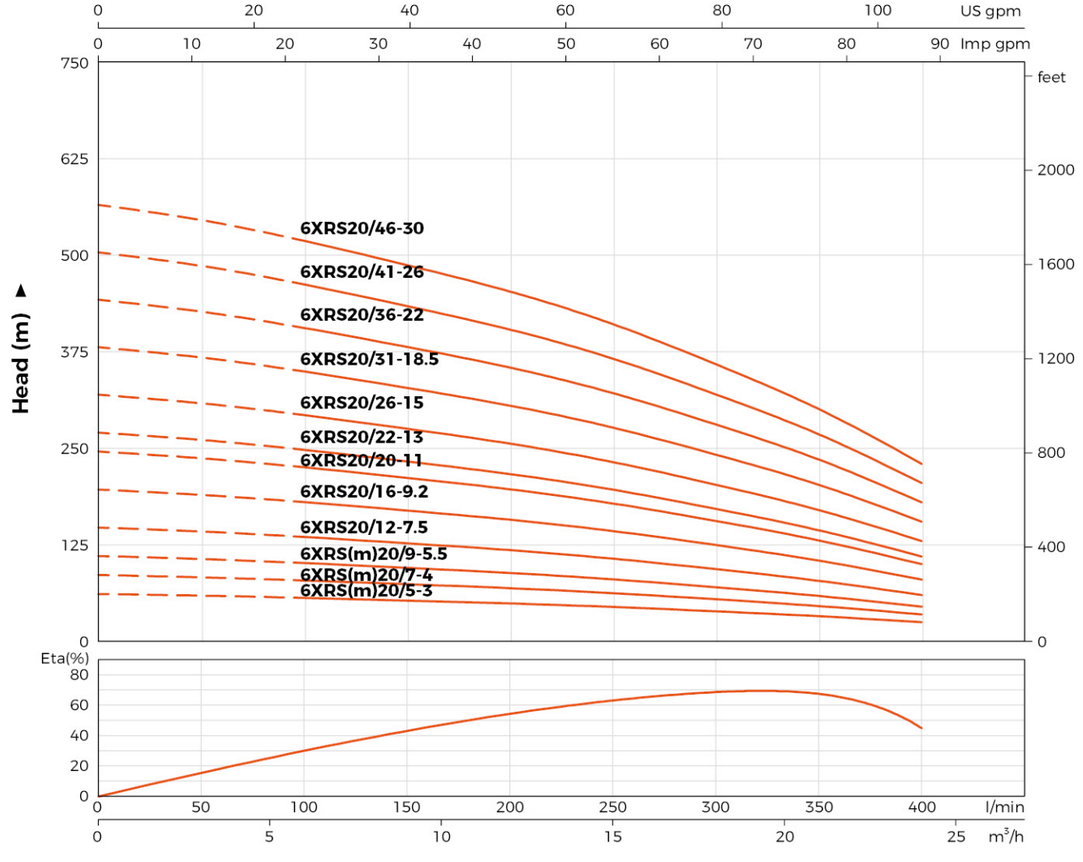
6XRS 15



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
6XRSm15/4-2.2	6XRS15/4-2.2	2.2	3	21	47	5079914001		5080021001	
6XRSm15/6-3	6XRS15/6-3	3	4	21	70	5079924001		5080029001	
6XRSm15/8-4	6XRS15/8-4	4	5.5	21	93	5079932001		5080036001	
6XRSm15/12-5.5	6XRS15/12-5.5	5.5	7.5	21	140	5079941001		5080045001	
-	6XRS15/16-7.5	7.5	10	21	187	-	-	5080056001	
-	6XRS15/20-9.2	9.2	12.5	21	234	-	-	5080066001	
-	6XRS15/24-11	11	15	21	280	-	-	5080075001	
-	6XRS15/28-13	13	17.5	21	327	-	-	5080083001	
-	6XRS15/32-15	15	20	21	374	-	-	5080091001	
-	6XRS15/38-18.5	18.5	25	21	444	-	-	5080100001	
-	6XRS15/44-22	22	30	21	514	-	-	5080109001	
-	6XRS15/50-26	26	35	21	584	-	-	5080117001	

6XRS 20

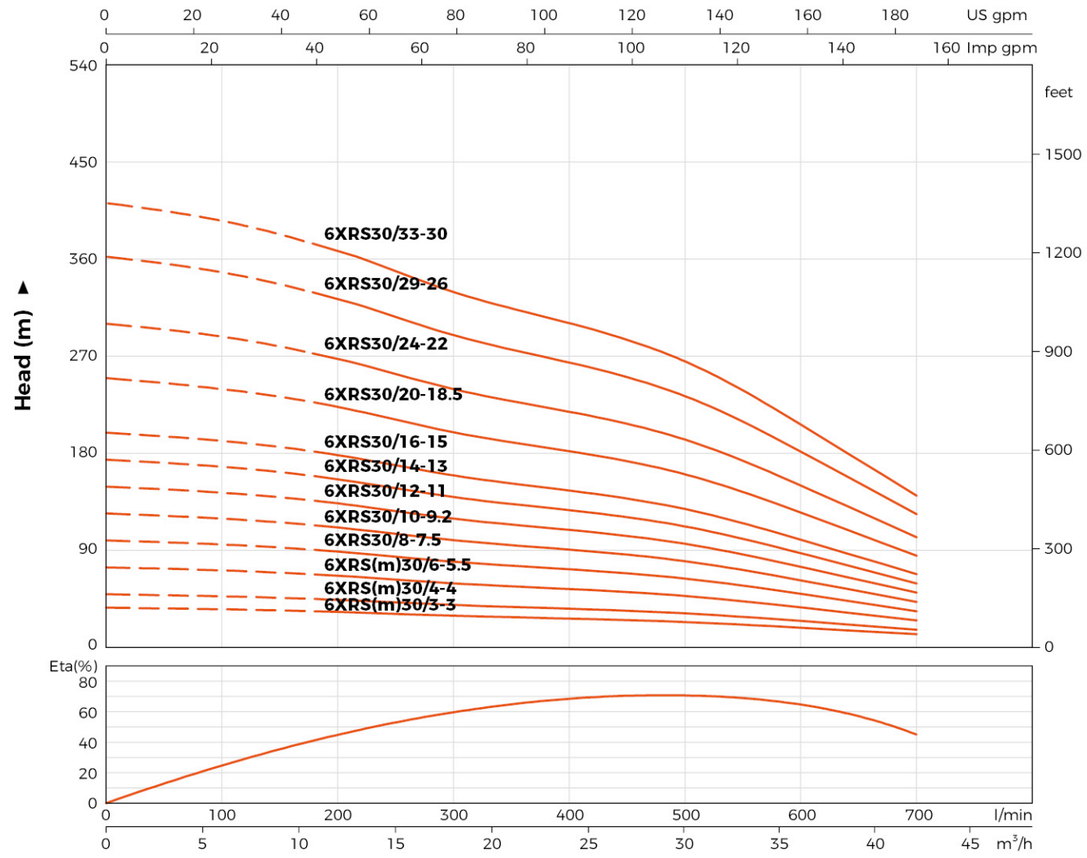


Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
6XRSm20/5-3	6XRS20/5-3	3	4	24	61	5079948001		5079902001	
6XRSm20/7-4	6XRS20/7-4	4	5.5	24	86	5079958001		5079915001	
6XRSm20/9-5.5	6XRS20/9-5.5	5.5	7.5	24	111	5079968001		5079921001	
-	6XRS20/12-7.5	7.5	10	24	147	-	-	5079931001	
-	6XRS20/16-9.2	9.2	12.5	24	196	-	-	5078774002	
-	6XRS20/20-11	11	15	24	246	-	-	5079949001	
-	6XRS20/22-13	13	17.5	24	270	-	-	5079959001	
-	6XRS20/26-15	15	20	24	319	-	-	5079970001	
-	6XRS20/31-18.5	18.5	25	24	381	-	-	5079979001	
-	6XRS20/36-22	22	30	24	442	-	-	5079985001	
-	6XRS20/41-26	26	35	24	503	-	-	5079992001	
-	6XRS20/46-30	30	40	24	565	-	-	5080000001	

XRS Submersible Borehole Pump

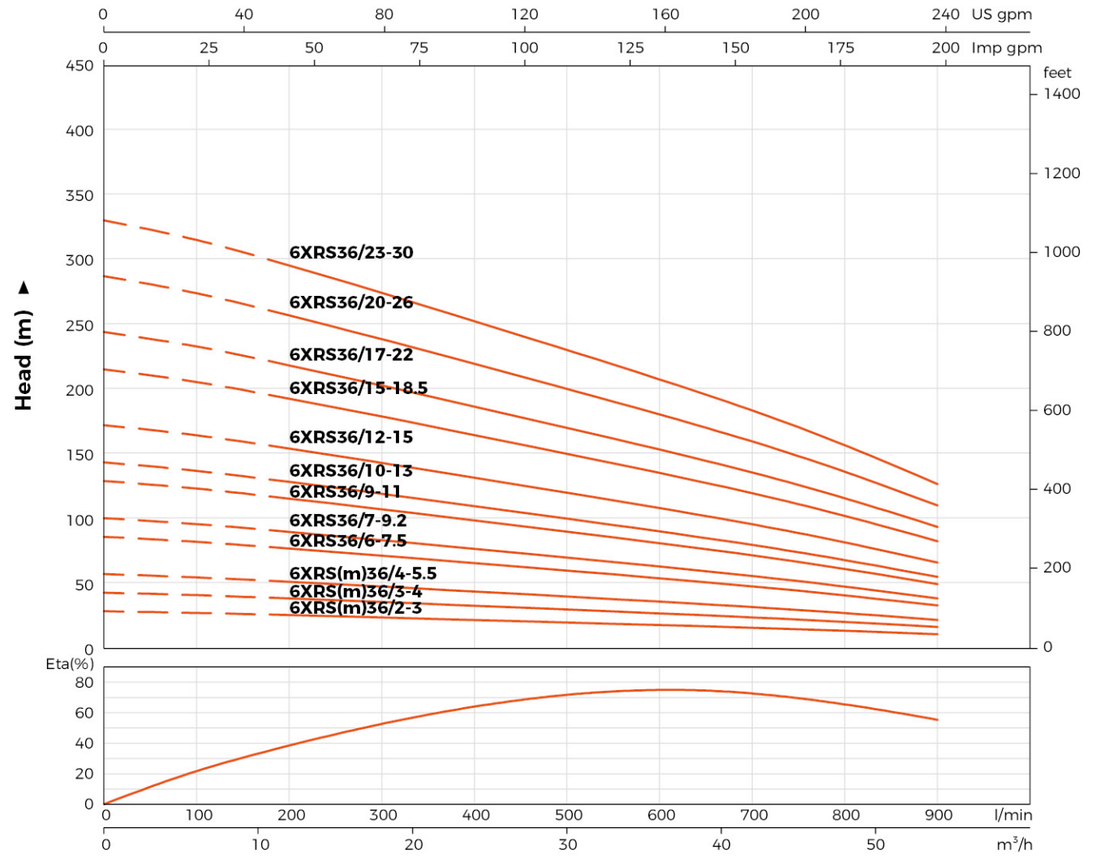
6XRS 30



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
6XRSm30/3-3	6XRS30/3-3	3	4	42	37	5072194001	1,326.43	5072284001	1,615.18
6XRSm30/4-4	6XRS30/4-4	4	5.5	42	50	5072210001	1,581.26	5072295001	1,797.52
6XRSm30/6-5.5	6XRS30/6-5.5	5.5	7.5	42	75	5072225001	1,948.06	5072306001	2,104.11
-	6XRS30/8-7.5	7.5	10	42	100	-	-	5062667002	2,436.99
-	6XRS30/10-9.2	9.2	12.5	42	125	-	-	5072332001	2,800.83
-	6XRS30/12-11	11	15	42	150	-	-	5068787002	
-	6XRS30/14-13	13	17.5	42	174	-	-	5080053001	
-	6XRS30/16-15	15	20	42	199	-	-	5080064001	
-	6XRS30/20-18.5	18.5	25	42	249	-	-	5072080001	4,818.84
-	6XRS30/24-22	22	30	42	299	-	-	5072093001	5,661.02
-	6XRS30/29-26	26	35	42	361	-	-	5080084001	
-	6XRS30/33-30	30	40	42	411	-	-	5080094001	

6XRS 36

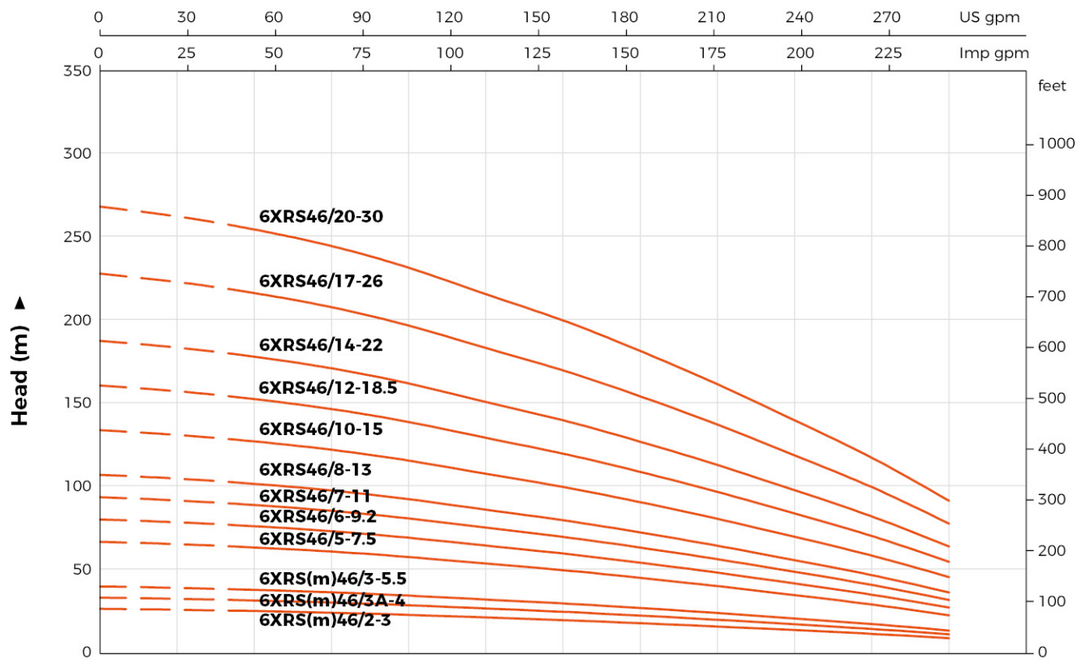


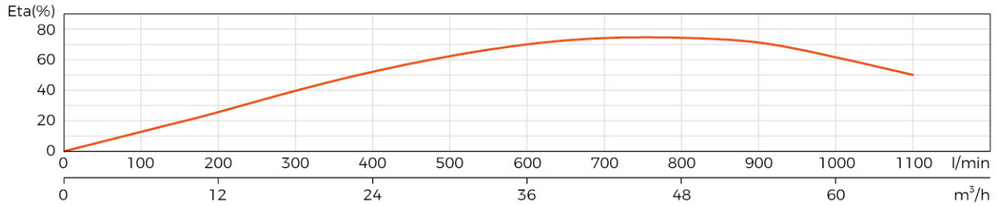
Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
6XRSm36/2-3	6XRS36/2-3	3	4	54	29	5079996001		5080103001	
6XRSm36/3-4	6XRS36/3-4	4	5.5	54	43	5080004001		5080111001	
6XRSm36/4-5.5	6XRS36/4-5.5	5.5	7.5	54	57	5080012001		5080119001	
-	6XRS36/6-7.5	7.5	10	54	86	-	-	5080122001	
-	6XRS36/7-9.2	9.2	12.5	54	101	-	-	5080124001	
-	6XRS36/9-11	11	15	54	129	-	-	5080125001	
-	6XRS36/10-13	13	17.5	54	144	-	-	5080126001	
-	6XRS36/12-15	15	20	54	172	-	-	5080127001	
-	6XRS36/15-18.5	18.5	25	54	215	-	-	5080128001	
-	6XRS36/17-22	22	30	54	244	-	-	5080129001	
-	6XRS36/20-26	26	35	54	287	-	-	5080130001	
-	6XRS36/23-30	30	40	54	330	-	-	5080131001	

XRS Submersible Borehole Pump

6XRS 46



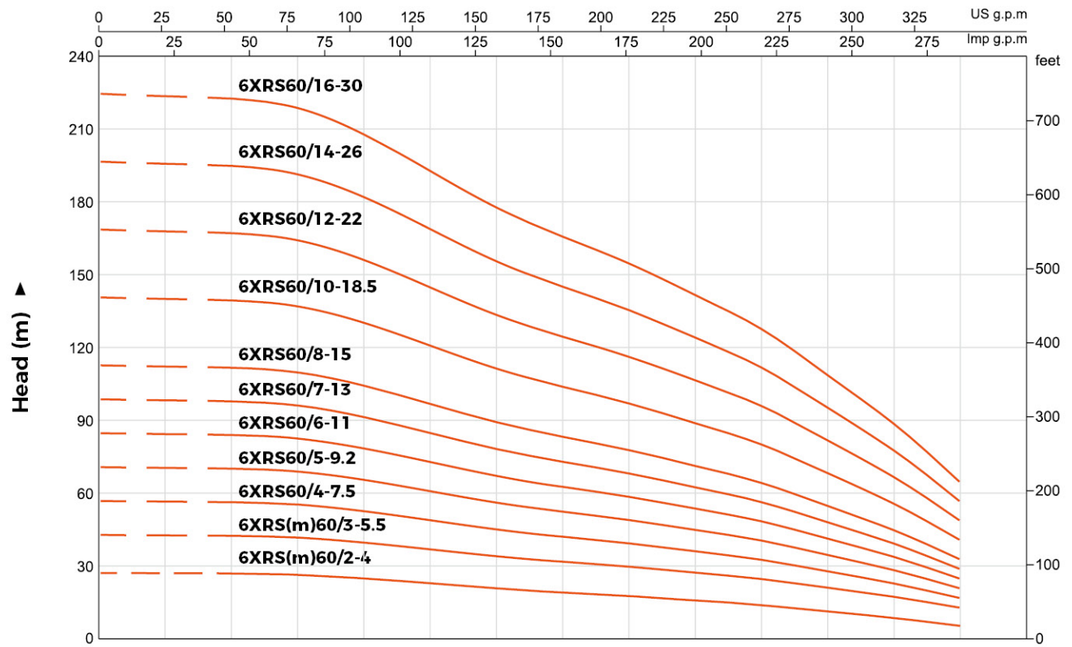


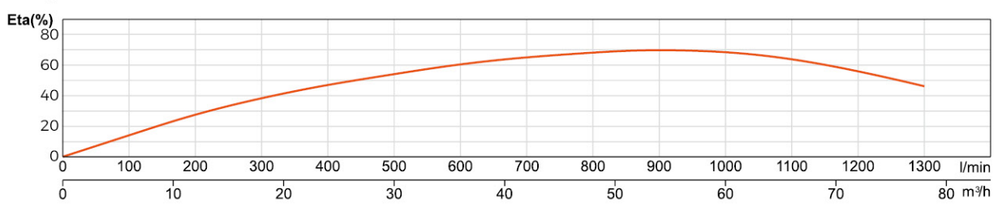
Capacity Q ►

Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
6XRSm46/2-3	6XRS46/2-3	3	4	66	27	5072238001	1,236.10	5072131001	1,524.89
6XRSm46/3A-4	6XRS46/3A-4	4	5.5	66	34	5072253001	1,549.05	5072144001	1,765.32
6XRSm46/3-5.5	6XRS46/3-5.5	5.5	7.5	66	40	5072269001	1,760.63	5072156001	1,916.69
-	6XRS46/5-7.5	7.5	10	66	67	-	-	5065304002	2,147.80
-	6XRS46/6-9.2	9.2	12.5	66	80	-	-	5072179001	2,404.34
-	6XRS46/7-11	11	15	66	94	-	-	5072193001	2,634.61
-	6XRS46/8-13	13	17.5	66	107	-	-	5072208001	2,910.64
-	6XRS46/10-15	15	20	66	134	-	-	5072221001	3,269.40
-	6XRS46/12-18.5	18.5	25	66	161	-	-	5072232001	4,037.76
-	6XRS46/14-22	22	30	66	188	-	-	5072247001	4,536.45
-	6XRS46/17-26	26	35	66	228	-	-	5080132001	
-	6XRS46/20-30	30	40	66	268	-	-	5072275001	5,883.64

6XRS 60





Capacity Q ►

Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220-240V	380-415V	kW	HP	m³/h	m		€		€
6XRSm60/2-4	6XRS60/2-4	4	5.5	78	28	5072285001	1,338.31	5072288001	1,554.57
6XRSm60/3-5.5	6XRS60/3-5.5	5.5	7.5	78	42	5072297001	1,642.74	5072298001	1,798.80
-	6XRS60/4-7.5	7.5	10	78	56	-	-	5072309001	2,034.98
-	6XRS60/5-9.2	9.2	12.5	78	70	-	-	5072321001	2,297.49
-	6XRS60/6-11	11	15	78	84	-	-	5058869002	2,527.76
-	6XRS60/7-13	13	17.5	78	98	-	-	5072345001	2,803.79
-	6XRS60/8-15	15	20	78	112	-	-	5072349001	3,039.57
-	6XRS60/10-18.5	18.5	25	78	140	-	-	5072350001	3,812.62
-	6XRS60/12-22	22	30	78	168	-	-	5072351001	4,317.63
-	6XRS60/14-26	26	35	78	196	-	-	5072352001	4,921.90
-	6XRS60/16-30	30	40	78	224	-	-	5072353001	5,412.11

5DW Submersible Borehole Pump





Single phase

Application

- For water supply from wells or reservoirs
- For domestic use, for civil and industrial applications
- For garden use and irrigation

Operating conditions

- Maximum fluid temperature up to +40℃
- Maximum sand content: 0.15%
- Maximum immersion: 50 m
- Minimum well diameter: 5"

Motor and Pump

- Rewindable motor
- **Single-Phase:** 220 - 240V/50Hz
  ※170-240V wide range of operating voltage, minimum starting voltage 130V
- Capacitance: P2
- Cable length:10 m
- Insulation class: F
- Protection class: IP68
- Float switch: Standard for single-phase, not included for three-phase
- Curve tolerance according to ISO 9906
- Standard: Built-in capacitors
- Optional: External capacitors (with control box)

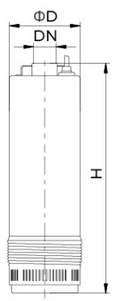
Identification Codes

5 DW m 4 / 3 - 0.55 P

- P — Plastic Impeller
- 0.55 — Rated Power (KW)
- 3 — Impeller Stage
- 4 — Rated Flow (m^3/h)
- m — Single-Phase Motor
- DW — Submersible Borehole Pump
- 5 — Min. Well Diameter: 5"

Technical Data

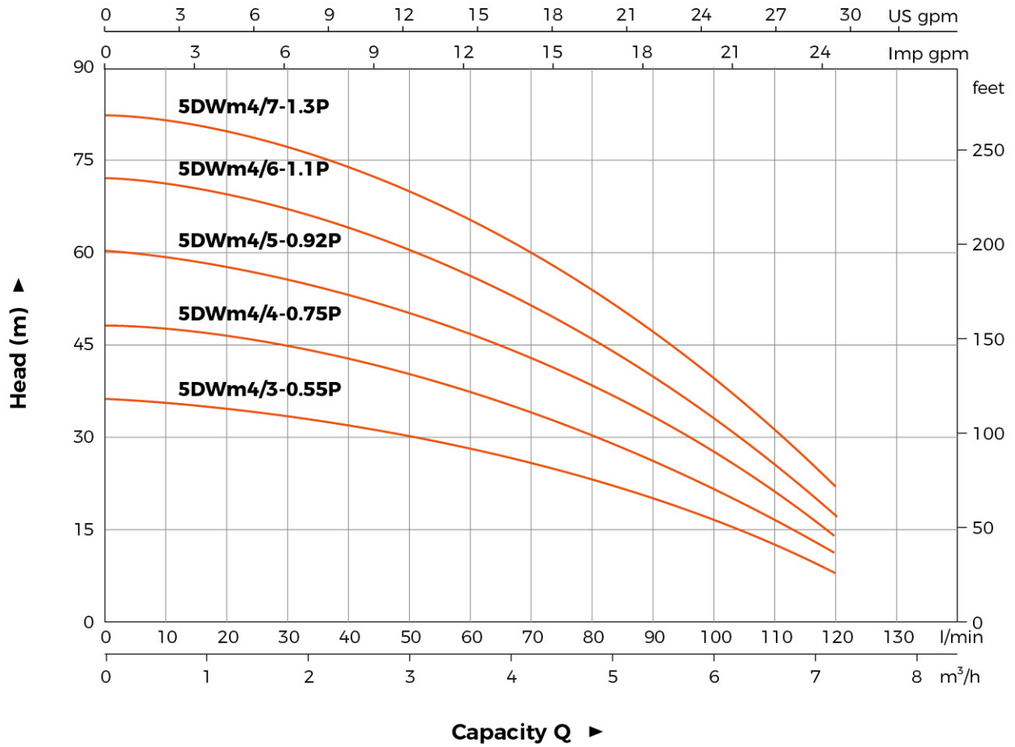
Model	Power		Voltage	Max. Flow	Max. Head	Max. immersion	Part No.	Price
	kW	HP	V	m^3/h	m	m		€
5DWm4/3-0.55P	0.55	0.75	220-240	6	36	50	5049450003	259.51
5DWm4/4-0.75P	0.75	1		6	48	50	5046349007	280.72
5DWm4/5-0.92P	0.92	1.25		6	60	50	5049451003	302.36
5DWm4/6-1.1P	1.1	1.5		6	72	50	5046360004	323.96
5DWm4/7-1.3P	1.3	1.75		6	82	50	5054352004	345.60



Dimension

Model	ΦD (mm)	DN	H(mm)	Weight N.W(kg)
5DWm4/3-0.55P	Φ130	1 1/4"	499	13.1
5DWm4/4-0.75P	Φ130	1 1/4"	538	15
5DWm4/5-0.92P	Φ130	1 1/4"	577	17.5
5DWm4/6-1.1P	Φ130	1 1/4"	616	19.5
5DWm4/7-1.3P	Φ130	1 1/4"	655	21.8

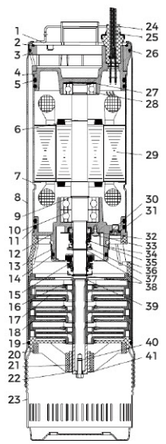
Hydraulic Performance Curves



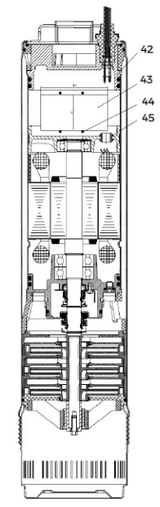
Material Table

No.	Components	Material
1	Delivery casing	SS304
2	O-ring	NBR
3	Upper bearing bracket	PPO
4	Iron bearing seat	Cast iron
5	O-ring	NBR
6	Rotor	
7	Motor external casing	SS201
8	Pump external casing	SS304
9	Shaft retaining ring	65Mn
10	Bearing 6204	
11	O-ring	NBR
12	Iron lower bearing seat	Cast iron
13	Oil cylinder cover	SS304
14	O-ring	NBR
15	Mechanical seal	Graphite/Ceramics
16	volute	PPO
17	Impeller	PPO
18	volute	PPO
19	O-ring	NBR
20	Support seat assembly	
21	Rubber bearing	
22	Shaft sleeve	SS304
23	Bottom support	SS304

No.	Components	Material
24	Cable	
25	Cable clamp	SS201
26	O-ring	NBR
27	Corrugated washer	65Mn
28	Bearing 6203	
29	coil	
30	Oil screw	SS304
31	O-ring	NBR
32	Static ring clamp	SS430
33	Screws	
34	Cylinder baffle	SS430
35	Mechanical seal	Graphite/Ceramics
36	Lower bearing bracket	PPO
37	Gasket	SS304
38	Shaft retaining ring	65Mn
39	Gasket	SS304
40	Outer hexagon bolt	SS304
41	Flat pad + Spring pad	SS304
42	Barrel top cover	Cast iron
43	Capacitor	
44	O-ring	NBR
45	Outlet sheath	Rubber



External capacitor



Built-in capacitor

5DW Submersible Borehole Pump



Stainless steel impeller

Application

- For water supply from wells or reservoirs
- For domestic use, for civil and industrial applications
- For garden use and irrigation

Operating conditions

- Maximum fluid temperature up to +35°C
- Minimum immersion: 100 mm
- Maximum immersion: 20 m
- Minimum well diameter: 5"

Motor and Pump

- Rewindable motor
- **Single phase:** 230V±10%/50Hz
- **Three phase:** 230V±10%/50Hz
  400V±10%/50Hz
- Cable length: 10 m
- Insulation class: F
- Protection class: IP68
- Standard: Built-in capacitors
  Optional: External capacitors

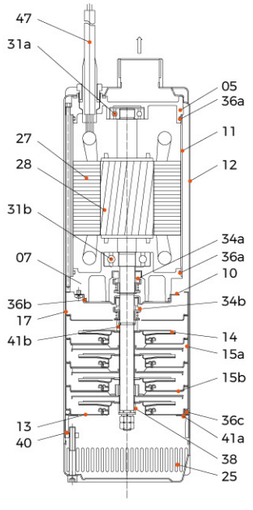
Identification Codes

5 DW (m) 2 /3 - 0.55

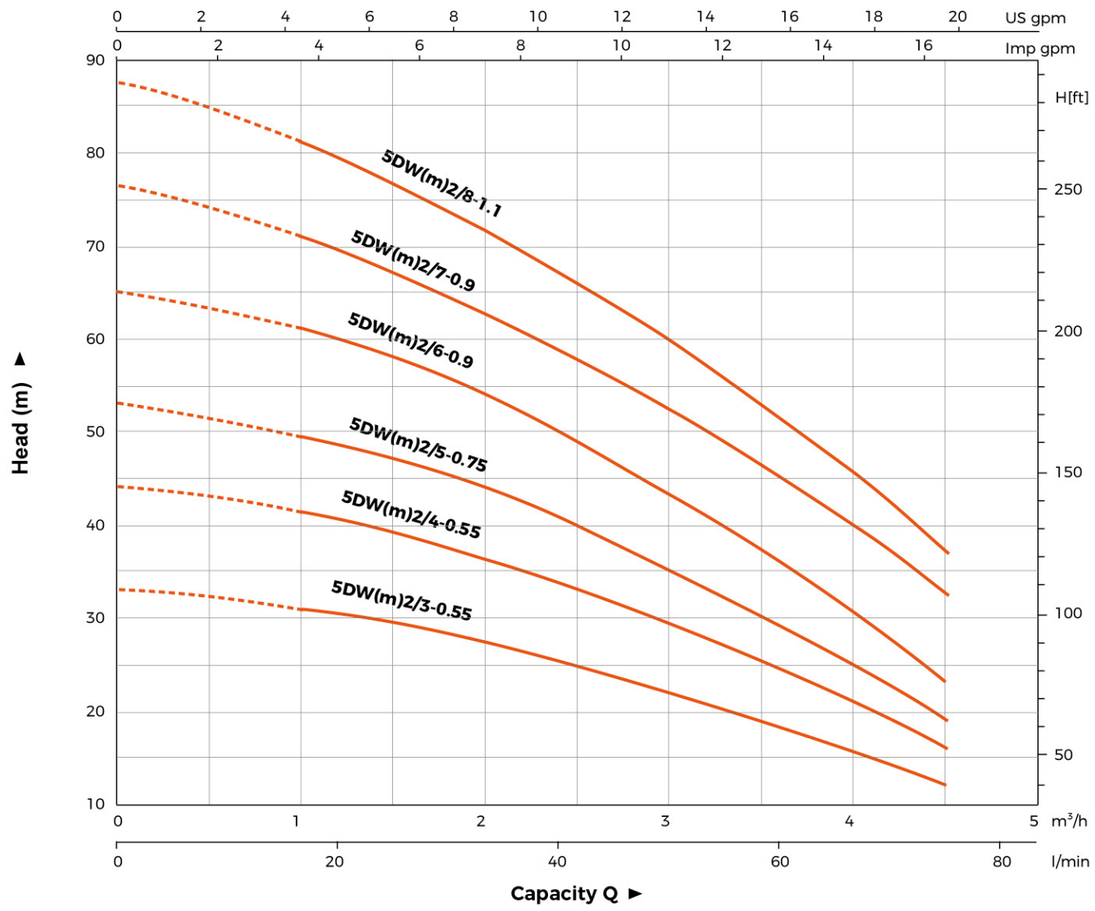
- Rated Power (kW)
- Impeller Stage
- Rated Flow (m^3/h)
- Single-Phase Motor
- Submersible Borehole Pump
- Min.Well Diameter: 5"

Material Table

No.	Components	Material
5	Upper cover	Cast Cu (Standard) SS304 Optional
7	Bearing house	
10	Seal bracket	SS304
11	Motor casing	SS304
12	Outer casing	SS304
13	Pump casing	SS304
14	Impeller	SS304
15	Diffuser	SS304
17	Suction interconnector	SS304
25	Strainer	SS304
27	Stator	/
28	Rotor	/
31a,b	Bearing	/
34a	Mechenical Seal	Carbon/Ceramic
34b	Mechenical Seal	Sic/Sic
36a,b,c	O-ring	NBR
38	Shaft sleeve	SS304
40	Clamp ring	Cast Cu
41a	Shim	SS304
41b	Pressing block	SS304
47	Cable	H07RN-F



Hydraulic Performance Curves

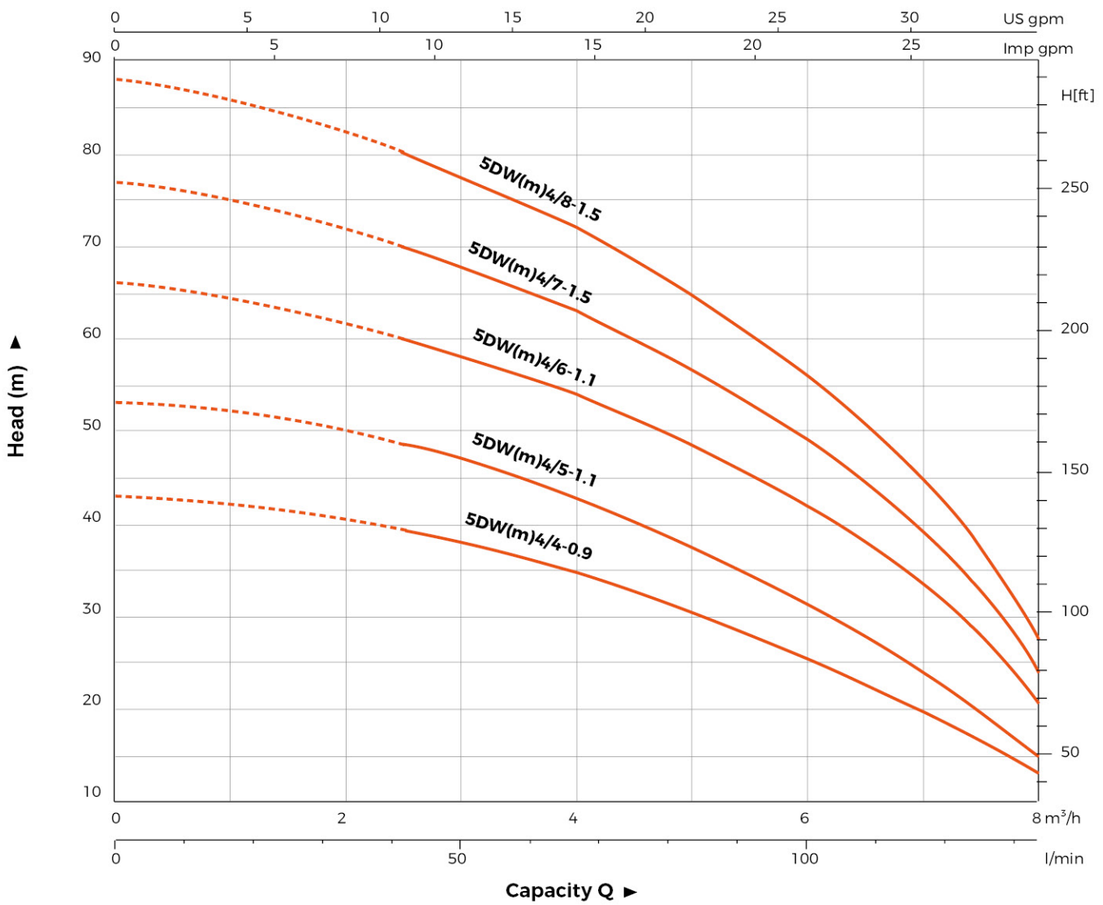


Technical Data

Model 1~	Model 3~		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
230V	230V	400V	kW	HP	m^3/h	m		€		€
5DWm2/3-0.55	5DW2/3-0.55		0.55	0.75	4.5	33	5067492001	575.43	5067665001	535.14
5DWm2/4-0.55	5DW2/4-0.55		0.55	0.75	4.5	44	5067504001	600.03	5067679001	566.55
5DWm2/5-0.75	5DW2/5-0.75		0.75	1	4.5	53	5051669004	678.48	5067690001	635.63
5DWm2/6-0.9	5DW2/6-0.9		0.9	1.2	4.5	65	5067527001	769.65	5067701001	740.80
5DWm2/7-0.9	5DW2/7-0.9		0.9	1.2	4.5	76.5	5067540001	787.89	5067713001	756.49
5DWm2/8-1.1	5DW2/8-1.1		1.1	1.5	4.5	87.5	5051670005	848.54	5067726001	814.61

5DW Submersible Borehole Pump

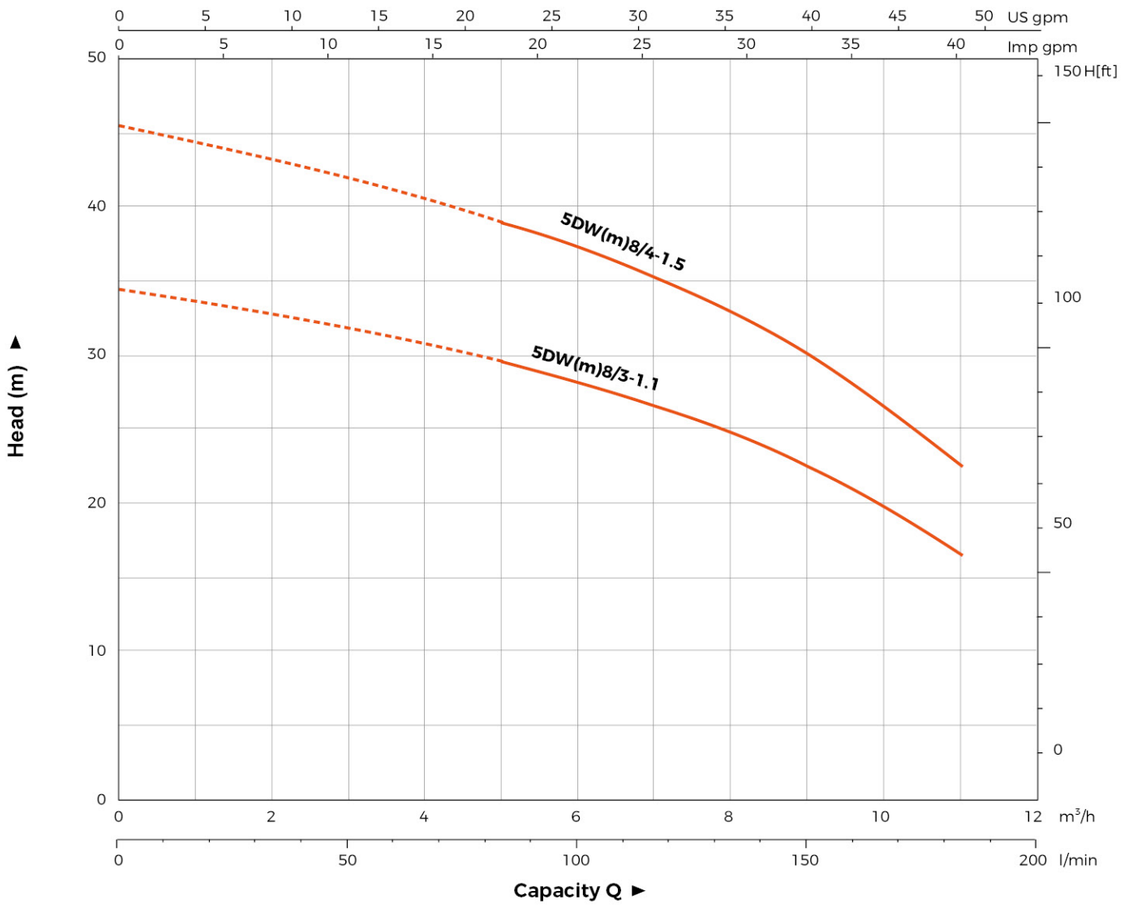
Hydraulic Performance Curves



Technical Data

Model			Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~									
230V	230V	400V	kW	HP	m³/h	m		€		€
5DWm4/4-0.9	5DW4/4-0.9		0.9	1.2	8	43	5067561001	672.12	5067755001	640.75
5DWm4/5-1.1	5DW4/5-1.1		1.1	1.5	8	53	5067576001	763.29	5067764001	708.60
5DWm4/6-1.1	5DW4/6-1.1		1.1	1.5	8	66	5054131002	809.93	5067778001	750.57
5DWm4/7-1.5	5DW4/7-1.5		1.5	2	8	77	5067603001	901.94	5067792001	826.05
5DWm4/8-1.5	5DW4/8-1.5		1.5	2	8	88	5051671002	937.15	5067808001	857.42

Hydraulic Performance Curves



Technical Data

Model			Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~									
230V	230V	400V	kW	HP	m³/h	m		€		€
5DWm8/3-1.1	5DW8/3-1.1		1.1	1.5	11	34.5	5067637001	708.60	5067819001	671.68
5DWm8/4-1.5	5DW8/4-1.5		1.5	2	11	45.5	5051672003	849.78	5067833001	804.01

LDW Intelligent Deep Well Pump



Normal

Intelligent

Optional



4" Lateral water inlet base



5" base

Application

- Can be used for transferring clean water or liquids similar to water in physical and chemical properties.
- Suitable for domestic water supply, garden irrigation and agriculture irrigation.
- Lifting water from deep well.**(Minimum well diameter: 4")**

Pump

- One-piece pump housing design provides a compact unit;
- High grade stainless steel pump casing ensures corrosion resistance;
- Check valve design prevents water flow back, reduces re-suction time;
- Double sealing meansure: double mechanical seal and oil chamber;
- Water-cooling ensures quiet operation during its long service life;

Motor

- Automatic start-stop and dry-running protection for inttelligent type;
- 22m cable and rope for both normal type and intelligenttype

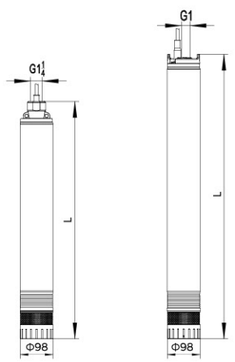
Identification Codes

LDW-7.2-50-1100 (E)

- Intelligent Type
- Rated Power (W)
- Max. Head (m)
- Max. Flow (m^3/h)
- LEO High Pressure Submersible Pump

Technical Data

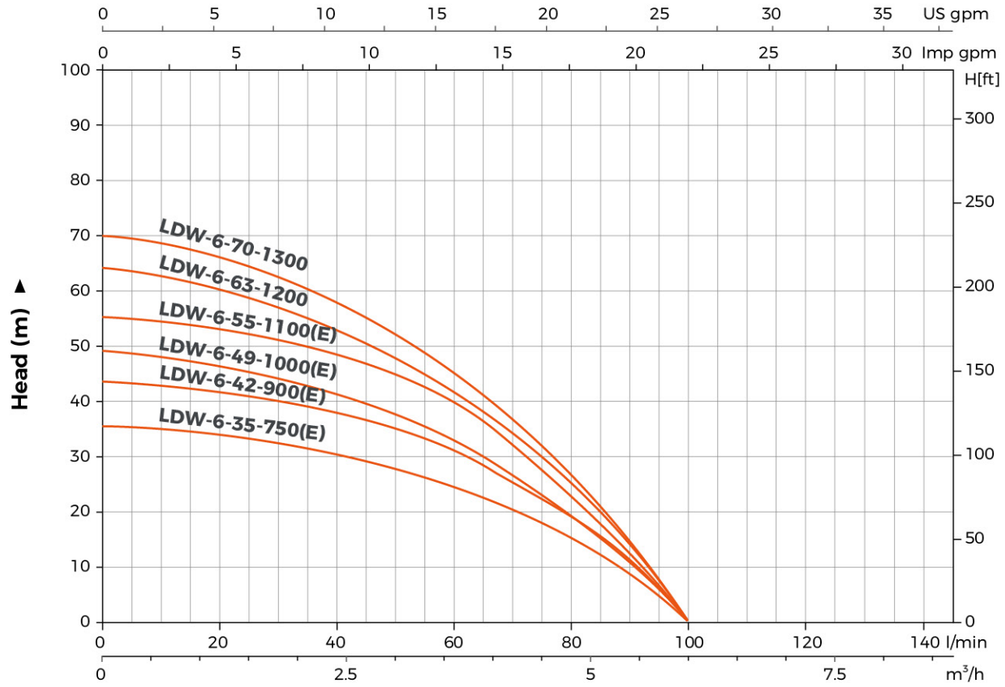
Model	Power		Voltage	Max. Flow	Max. Head	Part No. (Normal)	Price (Normal)	Part No. (Intelligent)	Part No. (Intelligent)
	kW	HP	V	m^3/h	m		€		€
LDW-6-35-750(E)	0.75	1	220-240	6	35	5019920005	328.20	5019953007	414.29
LDW-6-42-900(E)	0.9	1.22		6	42	5019985004	357.48	5019956005	442.69
LDW-6-49-1000(E)	1	1.36		6	49	5019922005	404.53	5019943005	490.22
LDW-6-55-1100(E)	1.1	1.5		6	55	5019981005	414.29	5019868013	499.10
LDW-6-63-1200	1.2	1.63		6	63	5019969003	461.37	-	-
LDW-6-70-1300	1.3	1.77		6	70	5019917007	471.14	-	-



Dimension

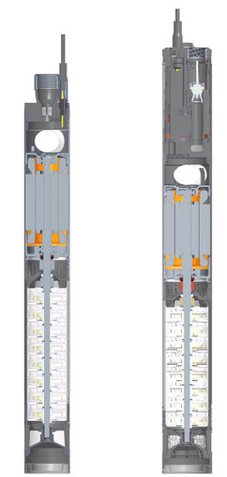
Model	Outlet	L (mm)	W (mm)	H (mm)
LDW-6-35-750E	G1"	734	98	98
LDW-6-42-900E		773	98	98
LDW-6-49-1000E		823	98	98
LDW-6-55-1100E		853	98	98
LDW-6-35-750	G1¼"	591	98	98
LDW-6-42-900		630	98	98
LDW-6-49-1000		680	98	98
LDW-6-55-1100		709	98	98
LDW-6-63-1200		758	98	98
LDW-6-70-1300		788	98	98

Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump external casing	SS304
2	Delivery casing	PPO-GF30
3	Diffuser	PC
4	Impeller	POM
5	Shaft	C45+SS304
6	Motor external casing	SS304
7	Top cover	PPO-GF30
8	Bottom support	PPO-GF30
9	Mechancial seal	Graphite/ceramic & Graphite/Sic
10	Bearing	C&U



Normal

Intelligent

QJ-G High Efficiency Intelligent Borehole Pump



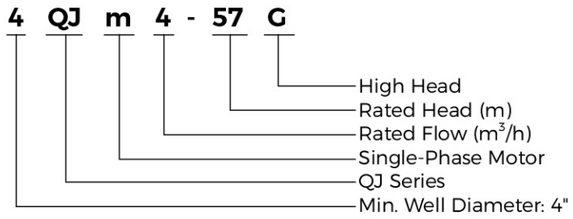
Application

- QJ-G permanent magnet Submersible Borehole Pumps are equipped with high-efficiency permanent magnet motors and new generation pumps, offering greater reliability and excellent operation efficiency. These pumps are suitable for various water supply applications such as agricultural irrigation, water plant projects, industrial production, and village drinking water systems.

Operating Conditions

- Conveying Medium Temperature: ≤40°C
- Conveying Medium pH Value: 6.5-8.5
- Controller Input Voltage: Single-phase 100V-240V
- Recommended Submersible Depth: Up to 150m
- Medium Quality Requirements: Suspended solids ≤0.01%, particle size ≤0.2mm

Identification Codes



Material Features



Stainless steel exterior parts
Effective rust prevention

The outer surface parts are all made of stainless steel, which has stronger, Strong resistance to rust and corrosion, and can dive up to 150m deep.



High hydraulic strength and durability

High hydraulic strength and durability further strengthened



Reinforced screen structure,
not easy to deform

Reinforcement bars are set around the screen, which makes it less likely to deform under the impact of debris and other debris compared to traditional screens.

Product Features

- **High Efficiency and Energy Saving**

  Independent research and development of permanent magnet synchronous motor with higher motor efficiency, offering more output power. Compared to traditional asynchronous motors, it can save more energy.

- **Easy Installation**

  Compared to traditional technology, it is smaller in size, compact in structure, and patented downhole cone for easy installation and maintenance.

- **Long Life Span**

  Made with stainless steel, it is corrosion-resistant and wear-resistant. The high-efficiency permanent magnet motor, IP55 protection, and other features ensure a long-lasting pump without stratification issues.

- **High Lift And Large Flow**

  The hydraulic design offers high lift and large flow, providing efficiency that meets or exceeds industry standards to meet various hydrological requirements.

- **Intelligent Control**

  Can be equipped with a remote control system to achieve frequency conversion speed regulation, constant pressure water supply, and timed on/off, with remote operation capabilities.

- **Wide Voltage Operation**

  Industry-leading wide voltage range operation, suitable for complex power grid conditions.

- **Safety In Use**

  Equipped with automatic protection features such as dry run protection, overload protection, under-voltage protection, and phase-loss protection, enhancing operational safety.

- **High Reliability, Easy Maintenance**

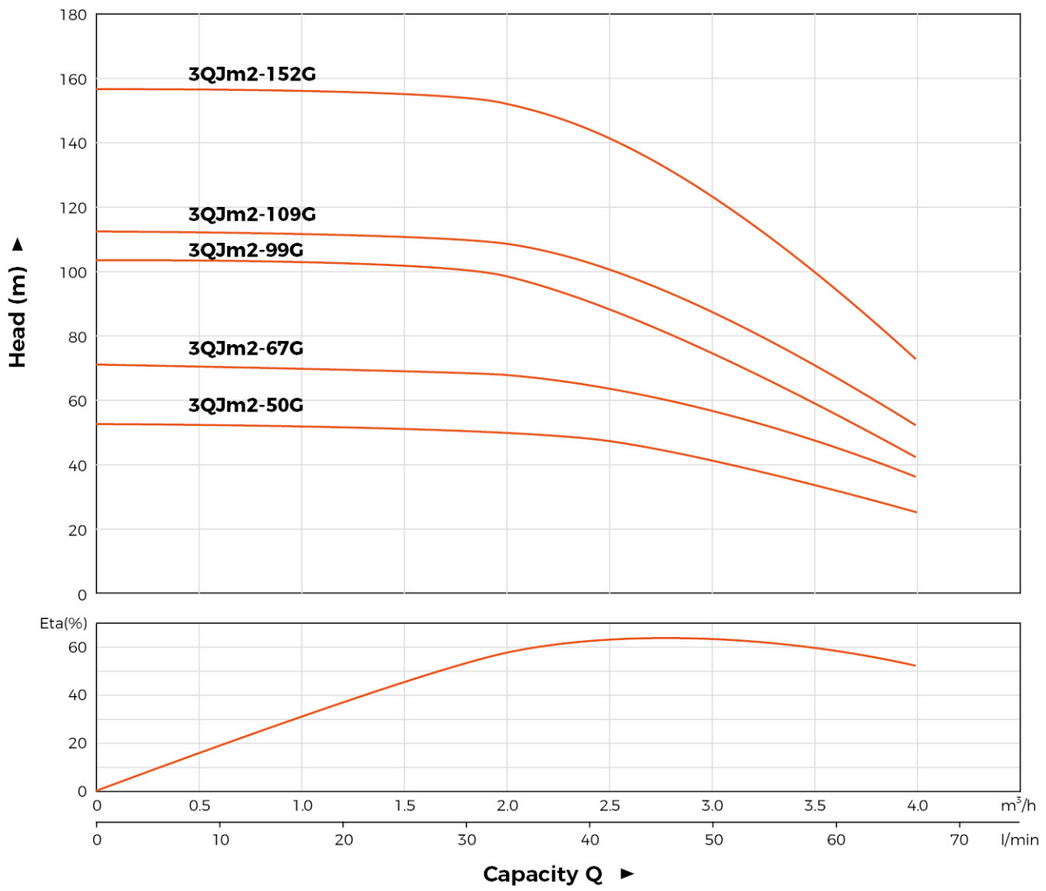
  The permanent magnet motor design offers high reliability, long lifespan, reduced mechanical wear, increased system stability, and easy maintenance.

- **Environmentally Friendly**

  The permanent magnet submersible borehole pump operates with high efficiency, low noise, and minimal environmental impact.

QJ-G High Efficiency Intelligent Borehole Pump

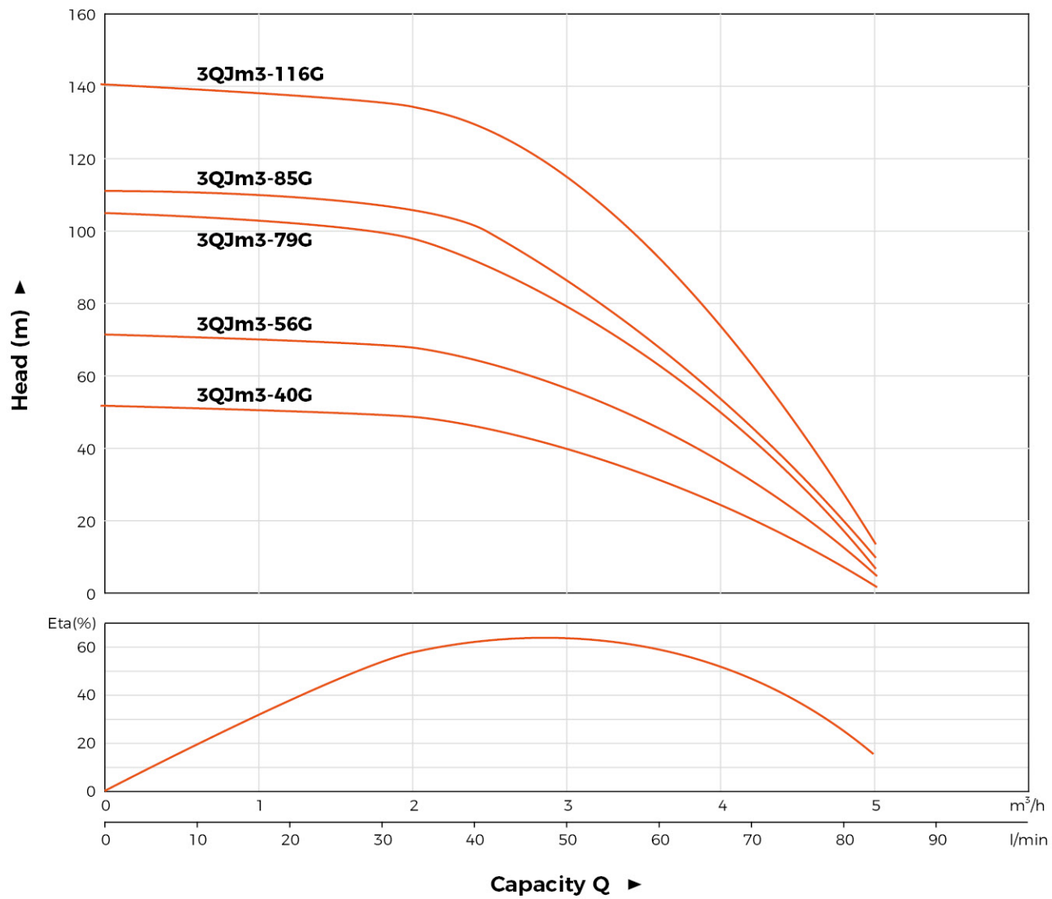
3QJ-2



Technical Data

Model	Power		Voltage	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V	m³/h	m		€
3QJm2-50G	0.37	0.5	220-240	4	53	5077178001	327.36
3QJm2-67G	0.55	0.75		4	71	5077290001	349.40
3QJm2-99G	0.75	1.0		4	104	5077234001	366.80
3QJm2-109G	1.1	1.5		4	112	5077172001	381.65
3QJm2-152G	1.5	2.0		4	157	5077301001	416.85

3QJ-3

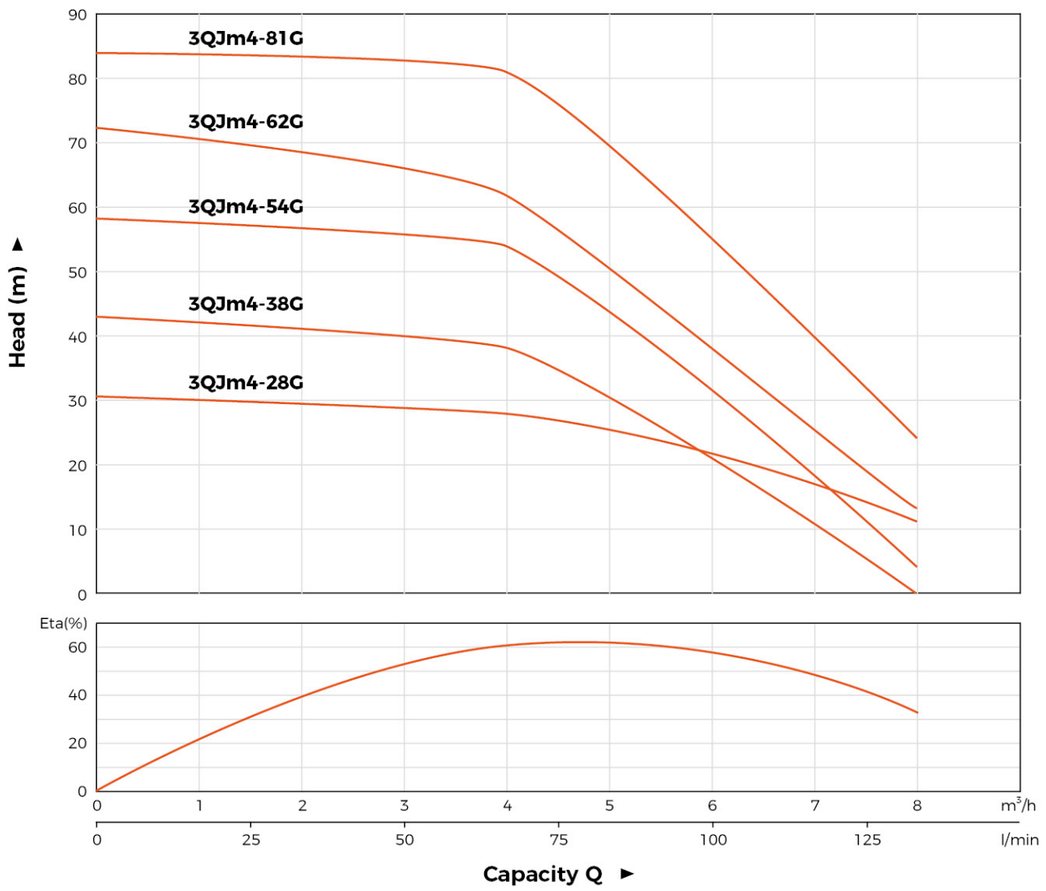


Technical Data

Model	Power		Voltage	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V	m³/h	m		€
3QJm3-40G	0.37	0.5	220-240	5	51	5077239001	327.36
3QJm3-56G	0.55	0.75		5	71	5077232001	349.40
3QJm3-79G	0.75	1.0		5	105	5077161001	366.80
3QJm3-85G	1.1	1.5		5	111	5077276001	381.65
3QJm3-116G	1.5	2.0		5	140	5077310001	410.05

QJ-G High Efficiency Intelligent Borehole Pump

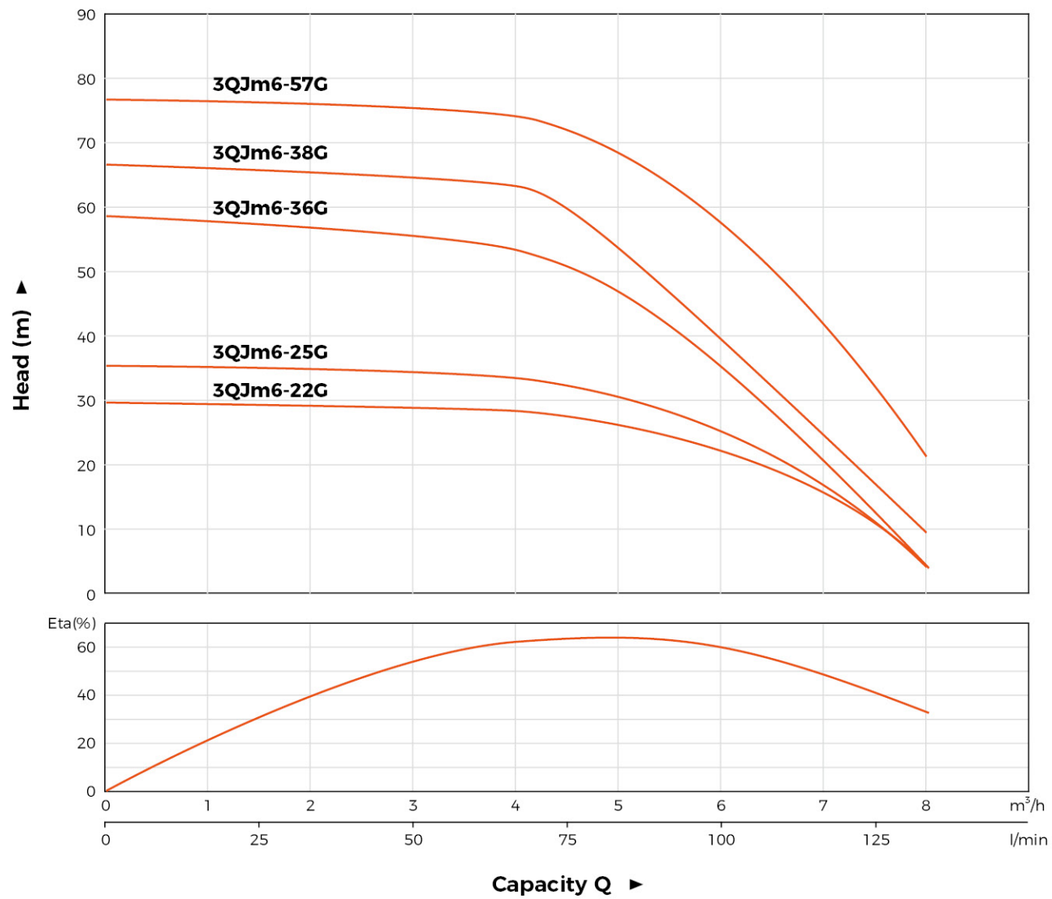
3QJ-4



Technical Data

Model	Power		Voltage	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V	m³/h	m		€
3QJm4-28G	0.37	0.5	220-240	8	30	5077245001	320.16
3QJm4-38G	0.55	0.75		8	43	5077197001	343.04
3QJm4-54G	0.75	1.0		8	58	5077305001	351.12
3QJm4-62G	1.1	1.5		8	72	5077263001	368.48
3QJm4-81G	1.5	2.0		8	84	5077206001	395.21

3QJ-6

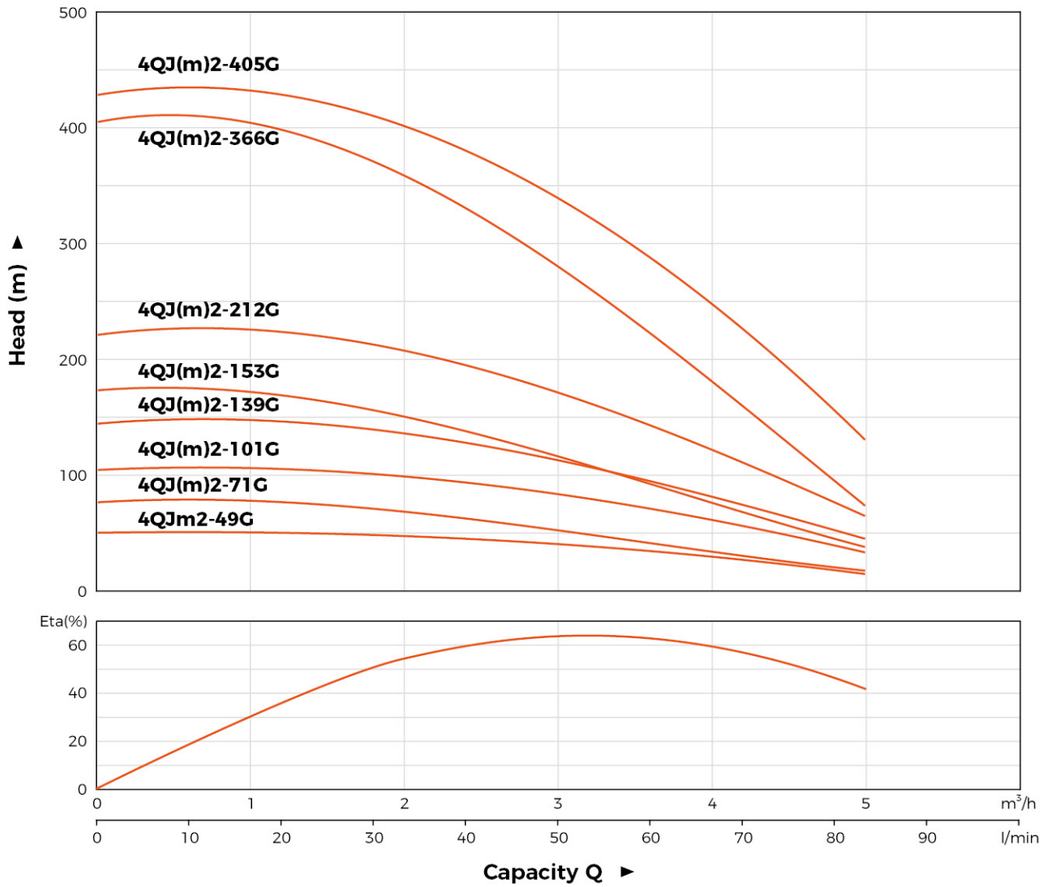


Technical Data

Model	Power		Voltage	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V	m³/h	m		€
3QJm6-22G	0.37	0.5	220-240	8	29	5077188001	320.16
3QJm6-25G	0.55	0.75		8	35	5077296001	339.68
3QJm6-36G	0.75	1.0		8	58	5077286001	351.12
3QJm6-38G	1.1	1.5		8	66	5077204001	365.12
3QJm6-57G	1.5	2.0		8	76	5077166001	387.57

QJ-G High Efficiency Intelligent Borehole Pump

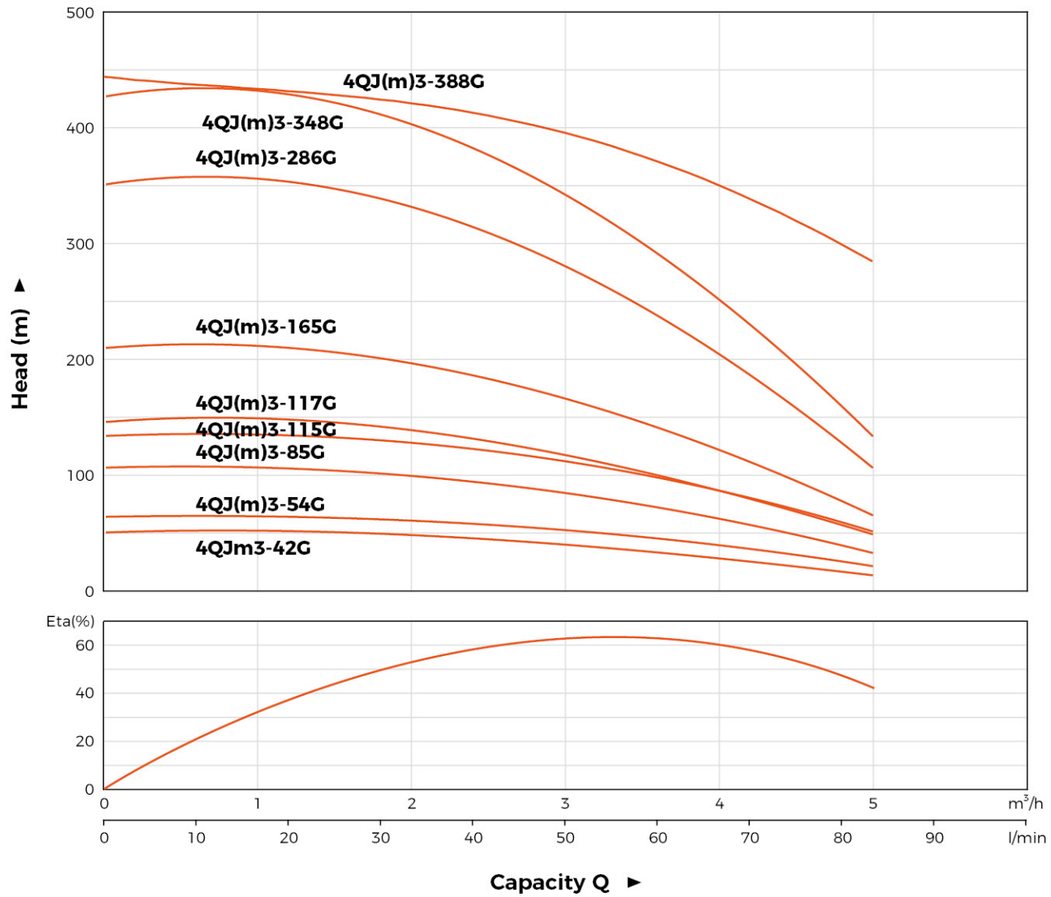
4QJ-2



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220V~240V	380V	kW	HP	m³/h	m		€		€
4QJm2-49G	-	0.37	0.5	5	51.5	5077140001	357.04	-	-
4QJm2-71G	4QJ2-71G	0.55	0.75	5	78	5077261001	380.37	5077243001	472.82
4QJm2-101G	4QJ2-101G	0.75	1.0	5	106	5077209001	389.29	5077199001	473.26
4QJm2-139G	4QJ2-139G	1.1	1.5	5	146	5077299001	415.13	5077308001	500.82
4QJm2-153G	4QJ2-153G	1.5	2.0	5	174	5077258001	432.53	5077282001	491.06
4QJm2-212G	4QJ2-212G	2.2	3.0	5	223	5077203001	455.41	5077235001	498.70
4QJm2-366G	4QJ2-366G	3.0	4.0	5	405	5077270001	915.5	5077187001	863.78
4QJm2-405G	4QJ2-405G	4.0	5.5	5	430	5077218001	946.07	5077150001	909.58

4QJ-3

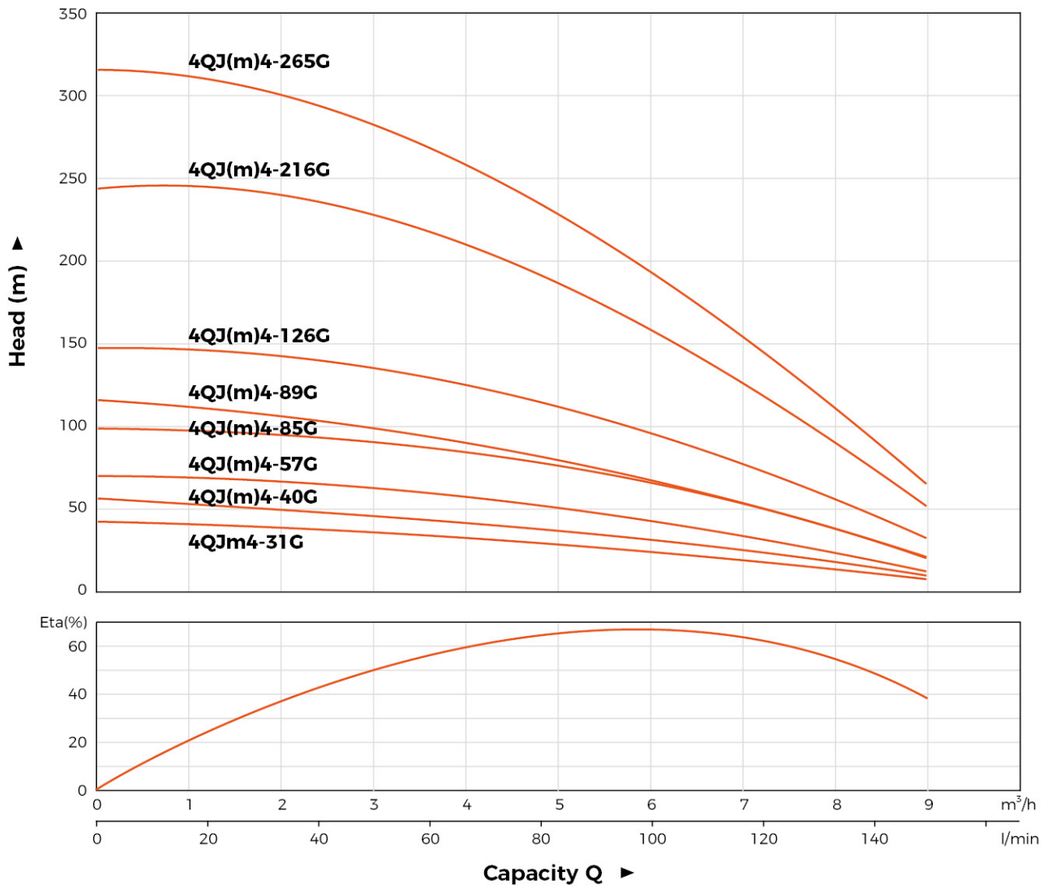


Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220V~240V	380V	kW	HP	m³/h	m		€		€
4QJm3-42G	-	0.37	0.5	5	51.5	5077138001	357.04	-	-
4QJm3-54G	4QJ3-54G	0.55	0.75	5	64.5	5077271001	376.97	5077287001	469.42
4QJm3-85G	4QJ3-85G	0.75	1.0	5	106	5077195001	389.29	5077223001	473.26
4QJm3-115G	4QJ3-115G	1.1	1.5	5	134	5077141001	406.65	5077176001	492.74
4QJm3-117G	4QJ3-117G	1.5	2.0	5	146	5077247001	425.73	5077292001	484.26
4QJm3-165G	4QJ3-165G	2.2	3.0	5	209	5077200001	452.05	5077241001	495.30
4QJm3-286G	4QJ3-286G	3.0	4.0	5	350	5077147001	894.30	5077210001	842.58
4QJm3-348G	4QJ3-348G	4.0	5.5	5	425	5077273001	946.07	5077157001	909.58
-	4QJ3-388G	5.5	7.5	8	444	-	-	5077181001	1408.68

QJ-G High Efficiency Intelligent Borehole Pump

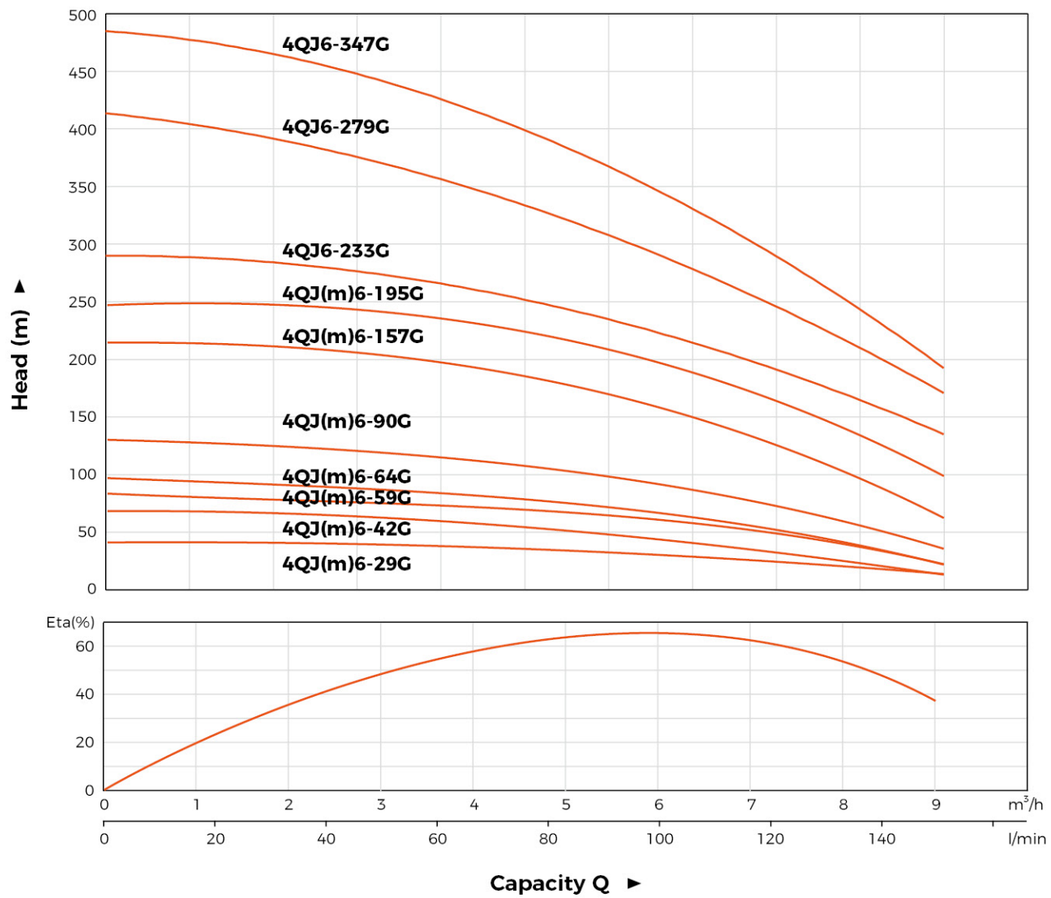
4QJ-4



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220V~240V	380V	kW	HP	m³/h	m		€		€
4QJm4-31G	-	0.37	0.5	9	41	5077307001	354.92	-	-
4QJm4-40G	4QJ4-40G	0.55	0.75	9	55	5077170001	374.85	5077298001	467.30
4QJm4-57G	4QJ4-57G	0.75	1.0	9	69	5077136001	380.37	5077238001	464.34
4QJm4-85G	4QJ4-85G	1.1	1.5	9	98	5077277001	399.05	5077208001	484.70
4QJm4-89G	4QJ4-89G	1.5	2.0	9	114.5	5077230001	413.01	5077168001	471.98
4QJm4-126G	4QJ4-126G	2.2	3.0	9	147	5077160001	431.69	5077295001	474.94
4QJm4-216G	4QJ4-216G	3.0	4.0	9	245	5077227001	868.02	5077248001	816.29
4QJm4-265G	4QJ4-265G	4.0	5.5	9	317	5077182001	904.9	5077311001	868.46

4QJ-6

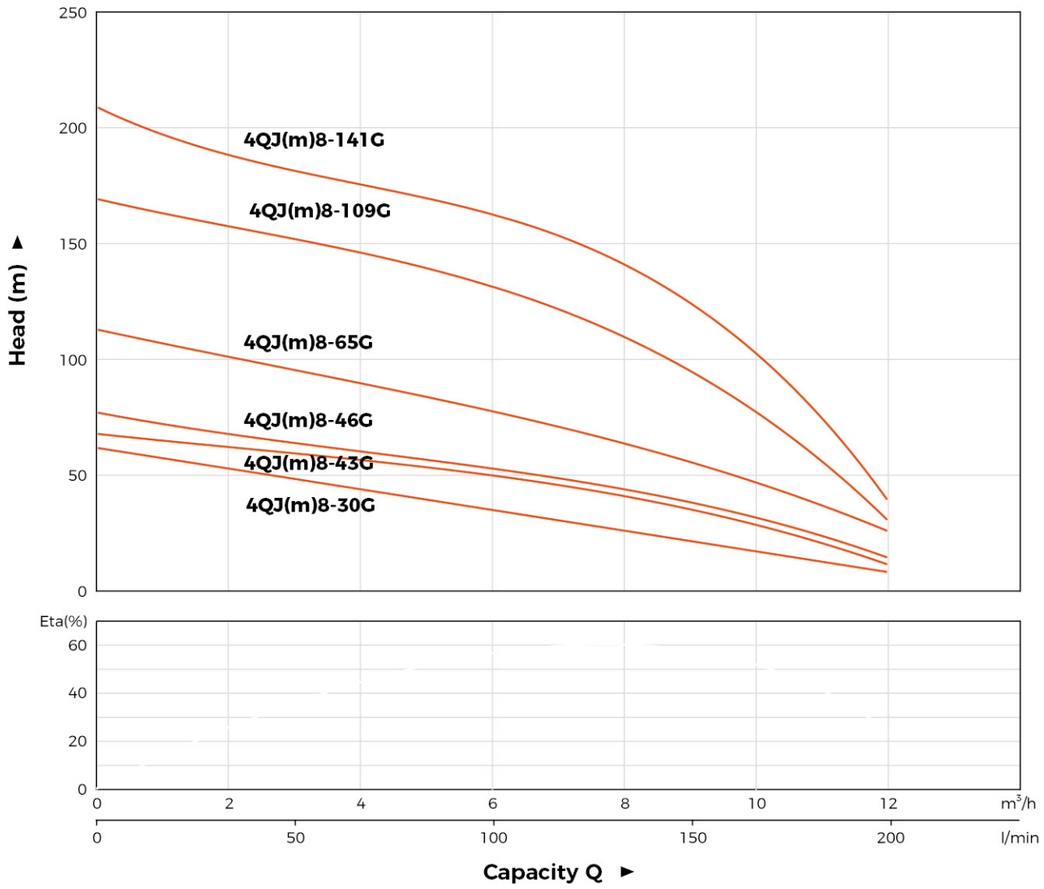


Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220V~240V	380V	kW	HP	m³/h	m		€		€
4QJm6-29G	4QJ6-29G	0.55	0.75	9	41	5077268001	371.89	5077153001	464.78
4QJm6-42G	4QJ6-42G	0.75	1.0	9	68	5077220001	381.21	5077259001	465.18
4QJm6-59G	4QJ6-59G	1.1	1.5	9	83	5077154001	395.65	5077260001	481.74
4QJm6-64G	4QJ6-64G	1.5	2.0	9	97	5077249001	410.05	5077214001	469.02
4QJm6-90G	4QJ6-90G	2.2	3.0	9	131	5077237001	428.73	5077177001	471.98
4QJm6-157G	4QJ6-157G	3.0	4.0	9	217	5077272001	859.98	5077143001	808.25
4QJm6-195G	4QJ6-195G	4.0	5.5	9	250	5077226001	884.58	5077251001	848.10
-	4QJ6-223G	5.5	7.5	12	290	-	-	5077171001	1314.55
-	4QJ6-279G	7.5	10	12	413	-	-	5077303001	1525.73
-	4QJ6-347G	11	15	12	480	-	-	5077252001	1645.74

QJ-G High Efficiency Intelligent Borehole Pump

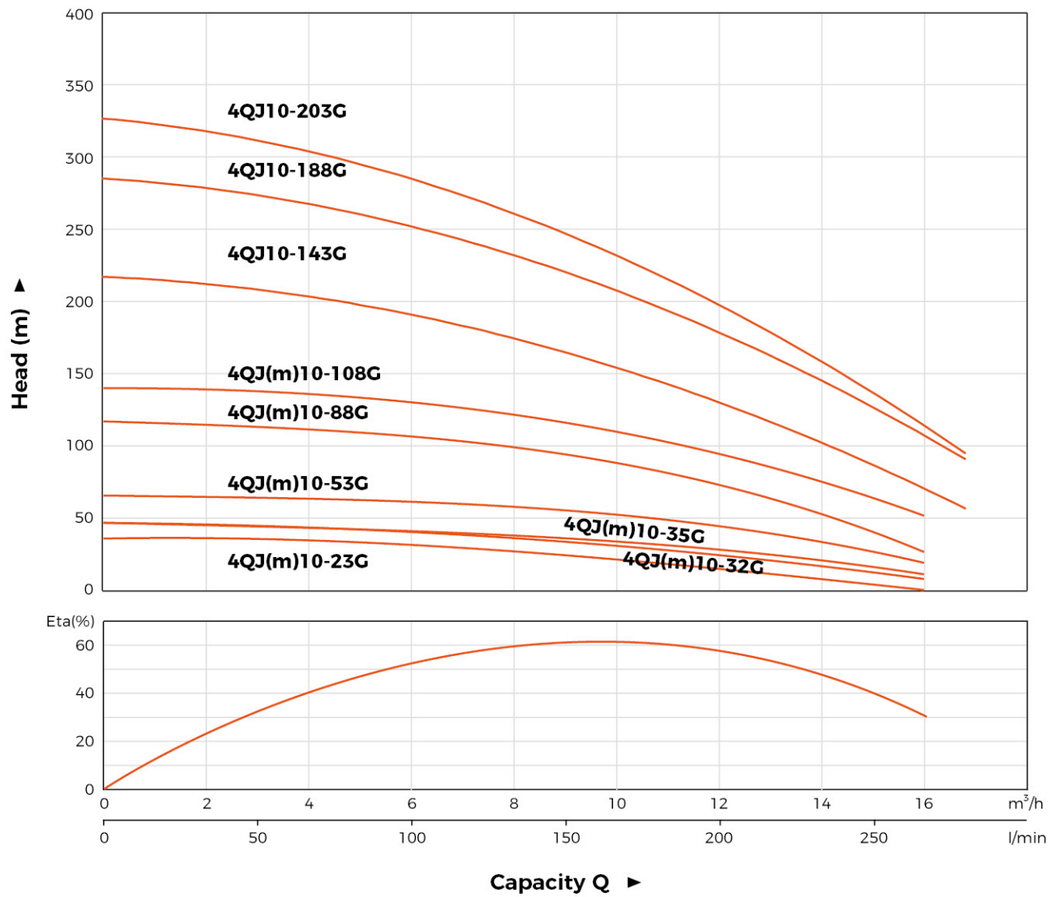
4QJ-8



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220V~240V	380V	kW	HP	m³/h	m		€		€
4QJm8-30G	4QJ8-30G	0.75	1.0	12	62	5077179001	382.49	5077217001	466.02
4QJm8-43G	4QJ8-43G	1.1	1.5	12	69	5077285001	396.93	5077174001	482.98
4QJm8-46G	4QJ8-46G	1.5	2.0	12	78	5077244001	411.77	5077302001	470.26
4QJm8-65G	4QJ8-65G	2.2	3.0	12	113	5077224001	434.65	5077257001	477.90
4QJm8-109G	4QJ8-109G	3.0	4.0	12	167	5077173001	854.46	5077211001	802.73
4QJm8-141G	4QJ8-141G	4.0	5.5	12	205	5077283001	881.18	5077145001	844.70

4QJ-10

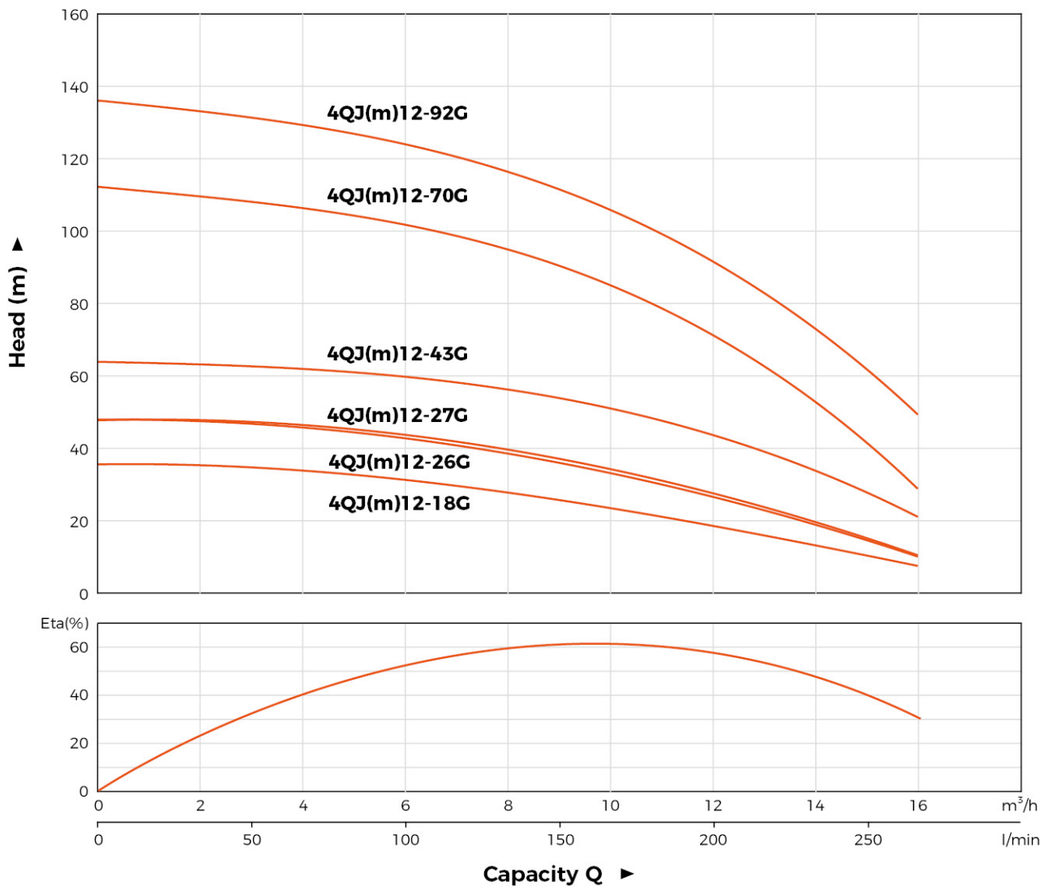


Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220V~240V	380V	kW	HP	m³/h	m		€		€
4QJm10-23G	4QJ10-23G	0.75	1.0	16	37	5077159001	376.57	5077142001	460.53
4QJm10-32G	4QJ10-32G	1.1	1.5	16	47	5077304001	391.81	5077242001	477.50
4QJm10-35G	4QJ10-35G	1.5	2.0	16	47	5077250001	402.41	5077219001	460.93
4QJm10-53G	4QJ10-53G	2.2	3.0	16	65	5077205001	417.69	5077189001	460.93
4QJm10-88G	4QJ10-88G	3.0	4.0	16	113	5077253001	831.97	5077167001	780.25
4QJm10-108G	4QJ10-108G	4.0	5.5	16	135	5077225001	860.38	5077297001	823.93
-	4QJ10-143G	5.5	7.5	18	225	-	-	5077256001	1,264.50
-	4QJ10-188G	7.5	10	18	292	-	-	5077196001	1,433.72
-	4QJ10-203G	11	15	18	333	-	-	5077149001	1,559.65

QJ-G High Efficiency Intelligent Borehole Pump

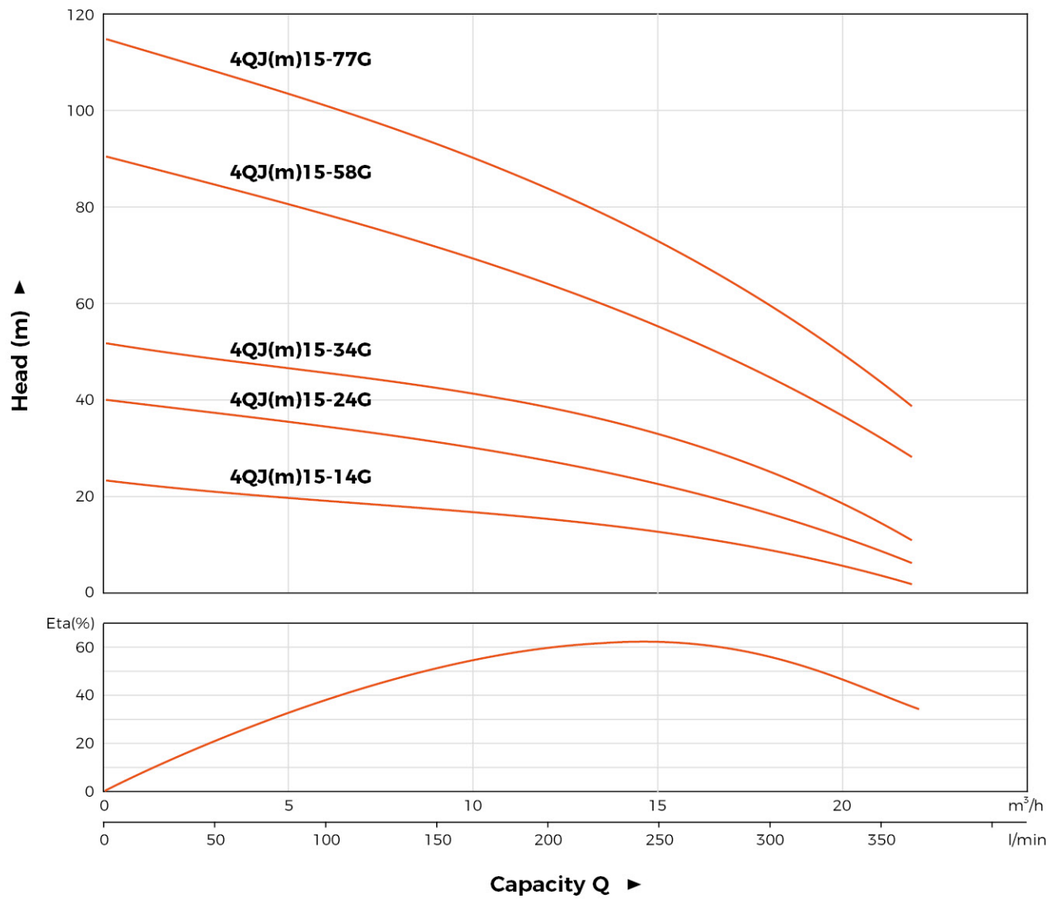
4QJ-12



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220V~240V	380V	kW	HP	m³/h	m		€		€
4QJm12-18G	4QJ12-18G	0.75	1.0	16	35	5077180001	376.57	5077213001	460.53
4QJm12-26G	4QJ12-26G	1.1	1.5	16	47.5	5077284001	391.81	5077280001	477.50
4QJm12-27G	4QJ12-27G	1.5	2.0	16	47.5	5077198001	402.41	5077231001	460.93
4QJm12-43G	4QJ12-43G	2.2	3.0	16	63.5	5077139001	417.69	5077309001	460.93
4QJm12-70G	4QJ12-70G	3.0	4.0	16	112	5077152001	831.97	5077229001	780.25
4QJm12-92G	4QJ12-92G	4.0	5.5	16	136	5077264001	860.38	5077183001	823.93

4QJ-15

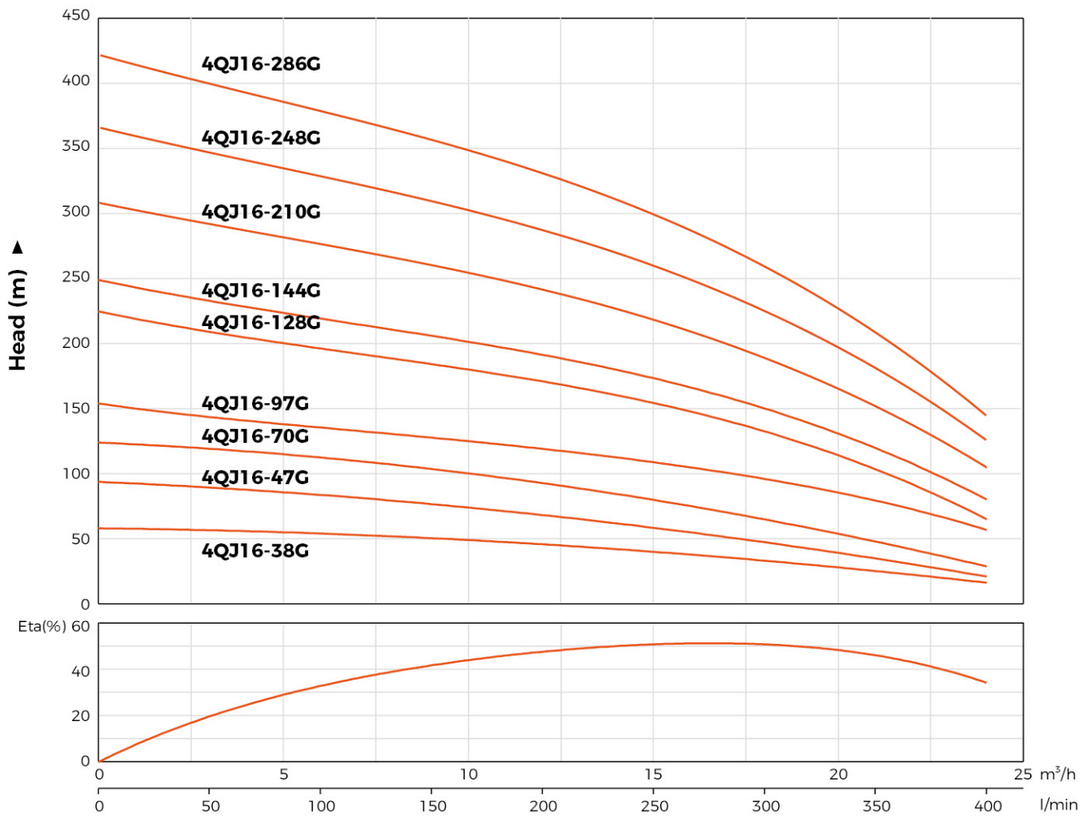


Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220V~240V	380V	kW	HP	m³/h	m		€		€
4QJm15-14G	4QJ15-14G	0.75	1.0	22	24	5077215001	385.45	5077148001	469.42
4QJm15-24G	4QJ15-24G	1.1	1.5	22	40.5	5077185001	416.85	5077279001	482.14
4QJm15-34G	4QJ15-34G	1.5	2.0	22	52	5077274001	437.61	5077222001	475.38
4QJm15-58G	4QJ15-58G	3.0	4.0	22	90	5077262001	866.34	5077155001	815.01
4QJm15-77G	4QJ15-77G	4.0	5.5	22	114	5077312001	900.26	5077144001	863.78

QJ-G High Efficiency Intelligent Borehole Pump

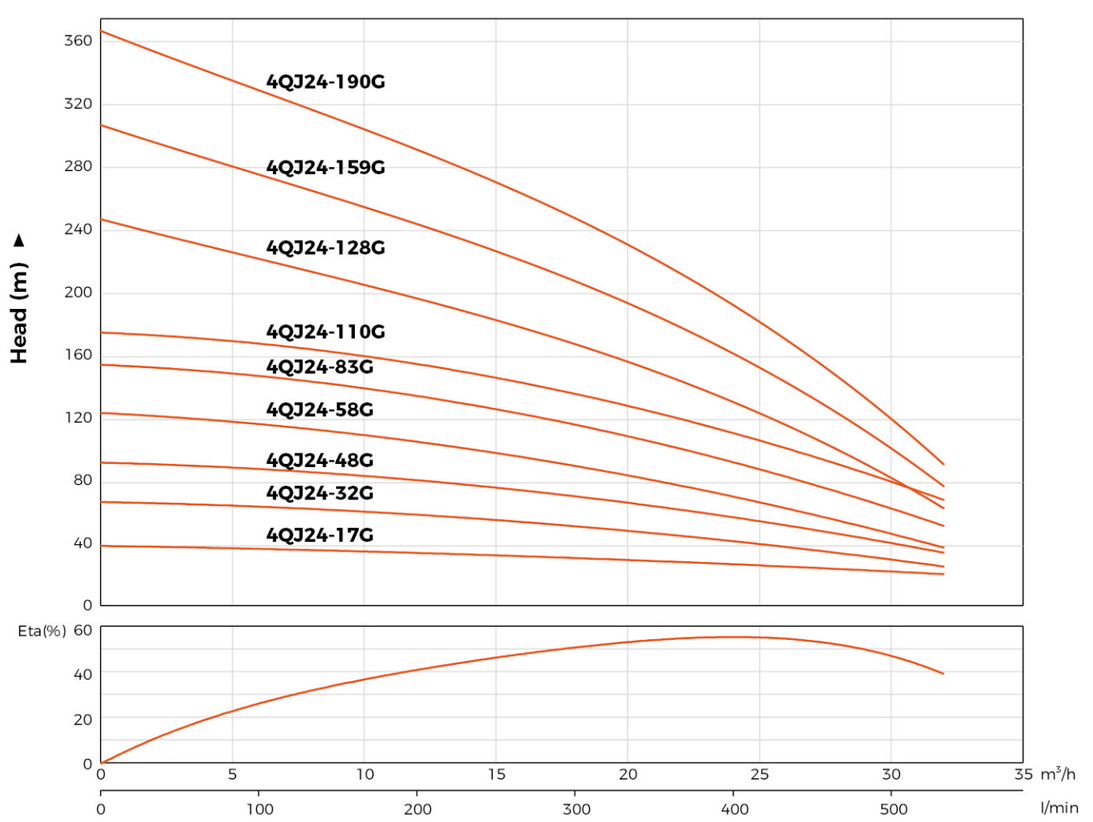
4QJ-16



Technical Data

Model	Power		Max. Flow	Max. Head	Part No.	Price
380V	kW	HP	m³/h	m		€
4QJ16-38G	2.2	3	24	56	5077269001	968.11
4QJ16-47G	3	4	24	88	5077201001	1,086.84
4QJ16-70G	4	5.5	24	115	5077165001	1,161.89
4QJ16-97G	5.5	7.5	24	142	5077291001	1,266.22
4QJ16-128G	7.5	10	24	205	5077246001	1,451.52
4QJ16-144G	11	15	24	227	5077192001	1,564.29
4QJ16-210G	13	17.5	28	307	5077294001	2,039.22
4QJ16-248G	15	20	28	363	5077265001	2,224.12
4QJ16-286G	18.5	25	28	418	5077202001	2,293.25

4QJ-24

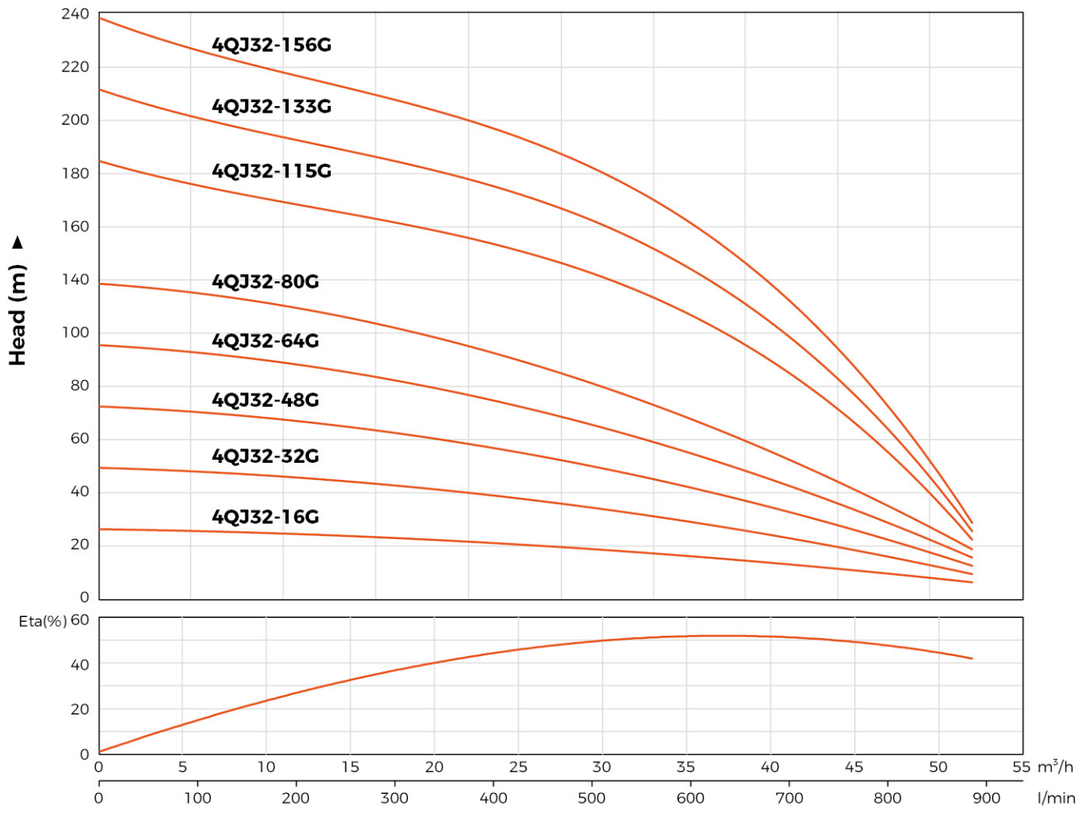


Technical Data

Model	Power		Max. Flow	Max. Head	Part No.	Price
380V	kW	HP	m³/h	m		€
4QJ24-17G	2.2	3	30	29	5077162001	949.43
4QJ24-32G	3	4	30	59	5077266001	1,069.44
4QJ24-48G	4	5.5	30	86	5077240001	1,143.65
4QJ24-58G	5.5	7.5	30	120	5077194001	1,252.62
4QJ24-83G	7.5	10	30	153	5077158001	1,419.72
4QJ24-110G	11	15	30	175	5051202002	1,527.01
4QJ24-128G	13	17.5	38	238	5077275001	2,001.50
4QJ24-159G	15	20	38	297	5077186001	2,188.92
4QJ24-190G	18.5	25	38	356	5077156001	2,261.45

QJ-G High Efficiency Intelligent Borehole Pump

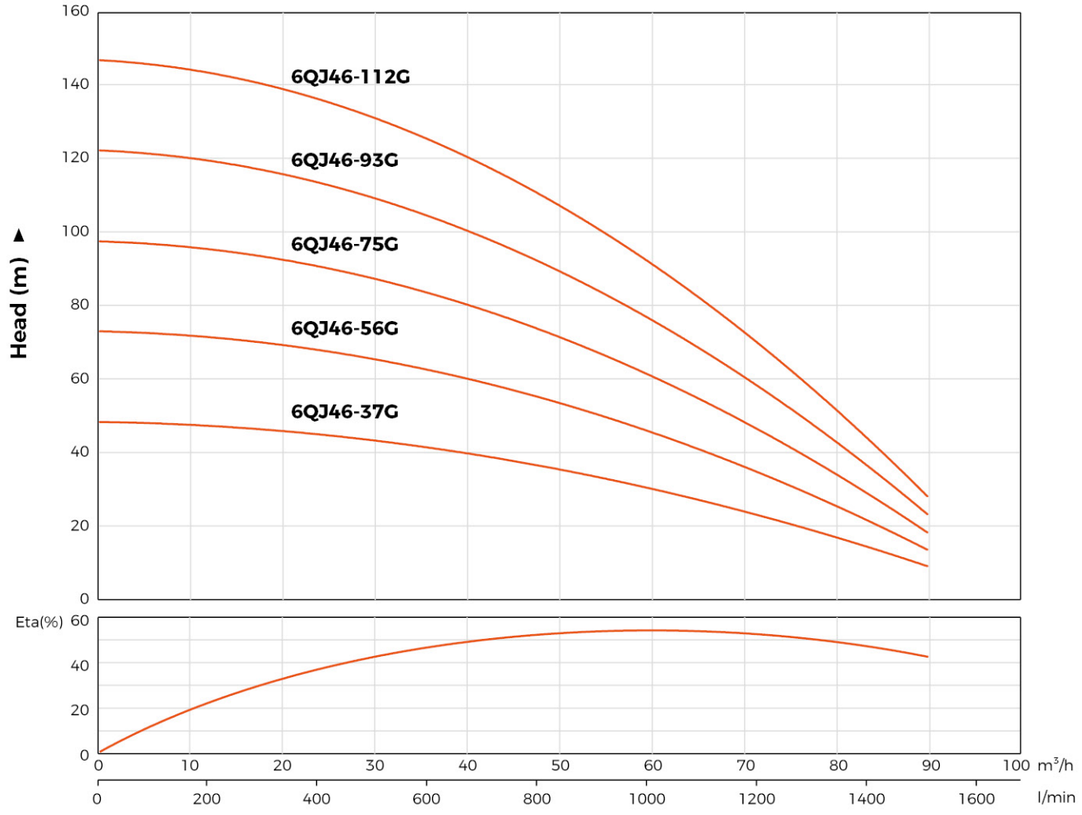
4QJ-32



Technical Data

Model	Power		Max. Flow	Max. Head	Part No.	Price
380V	kW	HP	m³/h	m		€
4QJ32-16G	2.2	3	52	26	5051203002	976.59
4QJ32-32G	4	5.5	52	52	5077255001	1,150.85
4QJ32-48G	5.5	7.5	52	77	5077184001	1,260.26
4QJ32-64G	7.5	10	52	102	5077175001	1,428.20
4QJ32-80G	11	15	52	126	5077288001	1,540.57
4QJ32-115G	13	17.5	52	175	5077313001	2,010.42
4QJ32-133G	15	20	52	205	5077216001	2,188.52
4QJ32-156G	18.5	25	52	233	5077212001	2,241.09

6QJ-46

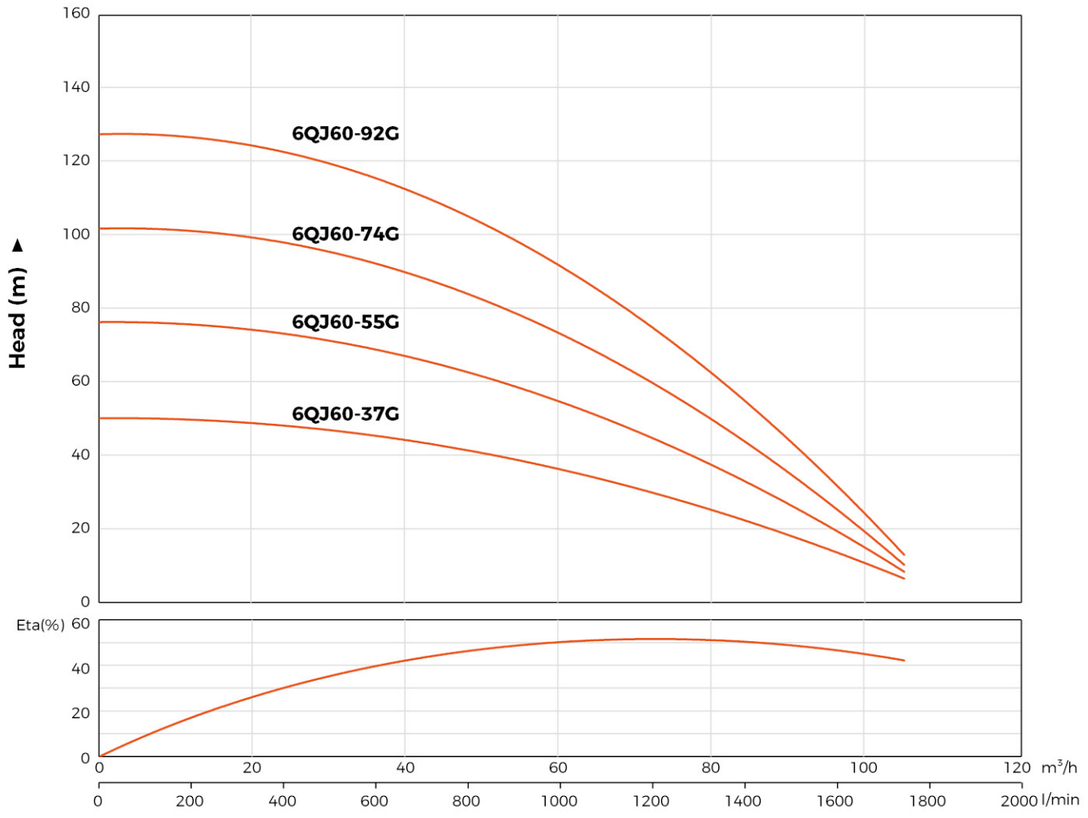


Technical Data

Model	Power		Max. Flow	Max. Head	Part No.	Price
380V	kW	HP	m³/h	m		€
6QJ46-37G	5.5	7.5	90	49	5077164001	1,555.41
6QJ46-56G	7.5	10	90	74	5077293001	1,779.32
6QJ46-75G	13	17.5	90	98	5077254001	2,364.50
6QJ46-93G	15	20	90	123	5077169001	2,651.57
6QJ46-112G	18.5	25	90	148	5077281001	2,815.67

QJ-G High Efficiency Intelligent Borehole Pump

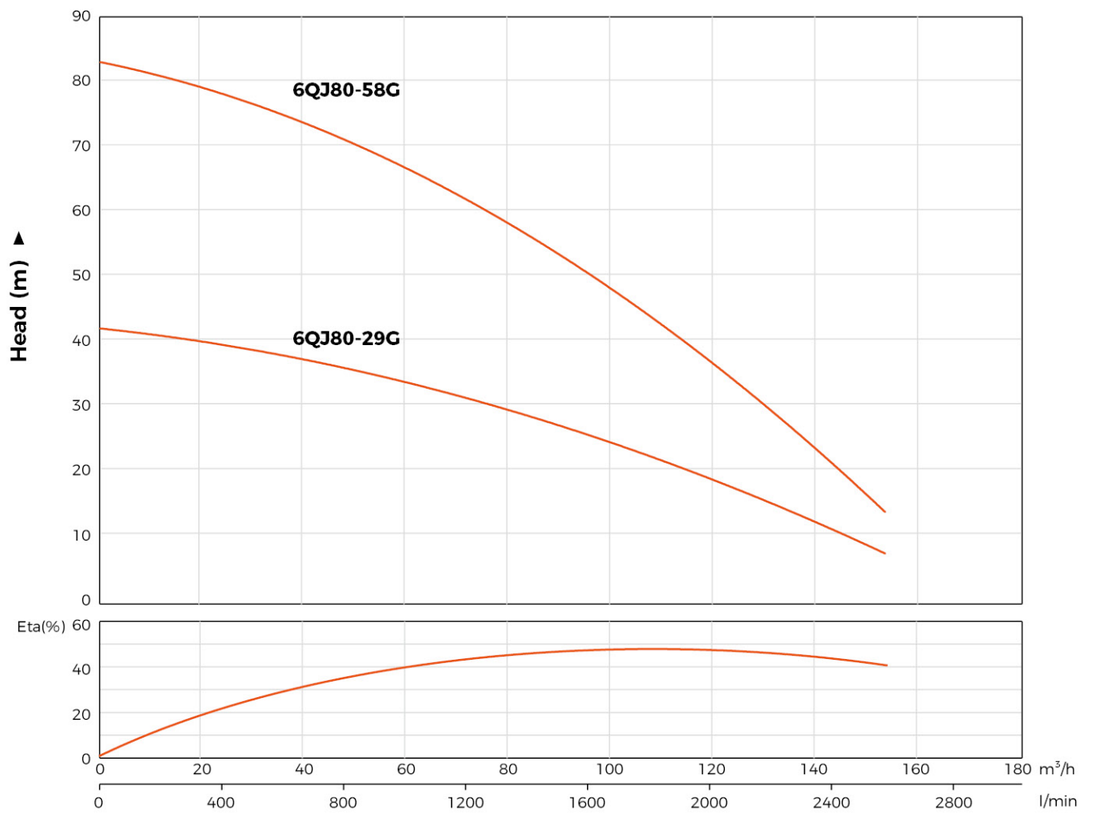
6QJ-60



Technical Data

Model	Power		Max. Flow	Max. Head	Part No.	Price
380V	kW	HP	m³/h	m		€
6QJ60-37G	7.5	10	105	51	5077233001	1,709.75
6QJ60-55G	13	17.5	105	77	5077190001	2,295.37
6QJ60-74G	15	20	105	103	5077191001	2,582.44
6QJ60-92G	18.5	25	105	128	5077300001	2,746.54

6QJ-80



Technical Data

Model	Power		Max. Flow	Max. Head	Part No.	Price
380V	kW	HP	m³/h	m		€
6QJ80-29G	11	15	155	41	5077278001	2294.53
6QJ80-58G	18.5	25	155	82	5077193001	2909.40

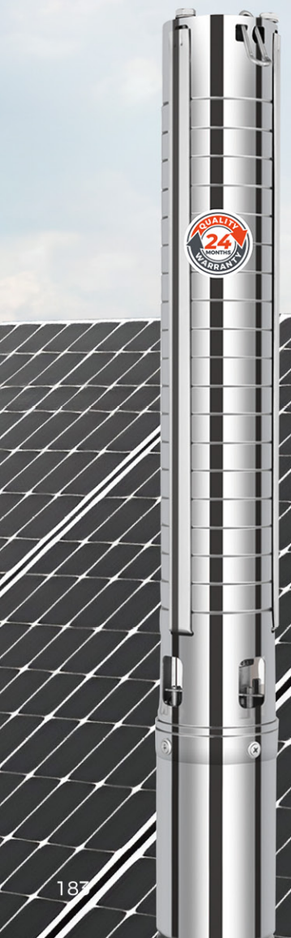
GROUND WATER
SMALL SOLAR

LPY Hybrid AC/DC Solar Submersible Pump with Plastic Impeller

LPY Hybrid AC/DC Solar Submersible Pump with SS Impeller

SMART IRRIGATION

At Your Fingertips Control



LPY Hybrid AC/DC Solar Submersible Pump with Plastic Impeller



DSFP

Applications

- Agriculture irrigation, Livestock feeding, Domestic water lifting
- Clean water supply from wells or reservoirs
- Off grid solar pumping system

Pump Features

- Oil-filled motor
- With MPPT AC/DC Inverter
- Plastic Impeller and diffuser
- SS304 oil chamber & Pump barrel
- High efficiency PMSM brushless motor
  (PMSM: Permanent-Magnet Synchronous Motor)

MPPT AC/DC Inverter

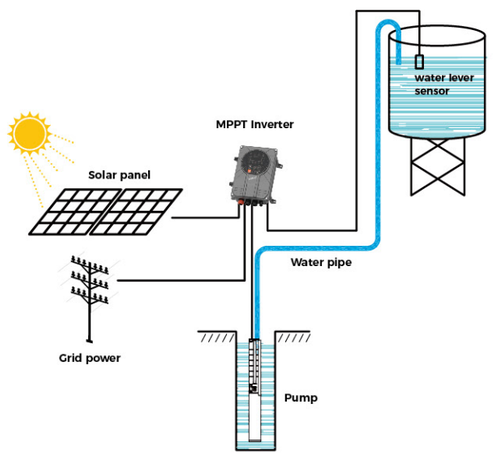
- Can be used for both AC and DC power supply
- Enclosures class: IP65
- Ambient temperature: -15 ~ 60℃
- LED Displays working conditions & Fault code
- Auto Start & Stop
- Soft start & VFD function

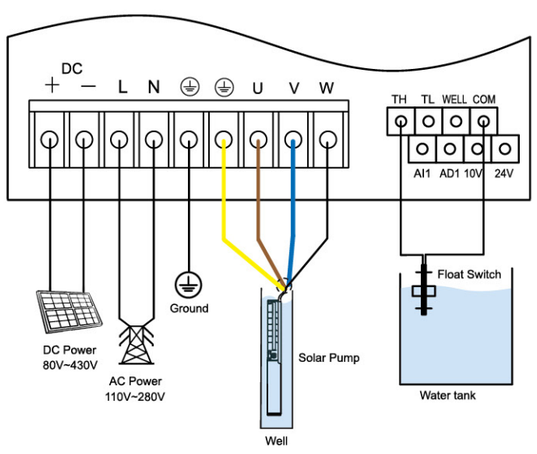
Identification Codes

3 LPY 3.5 - 95 - 110 - 750 P

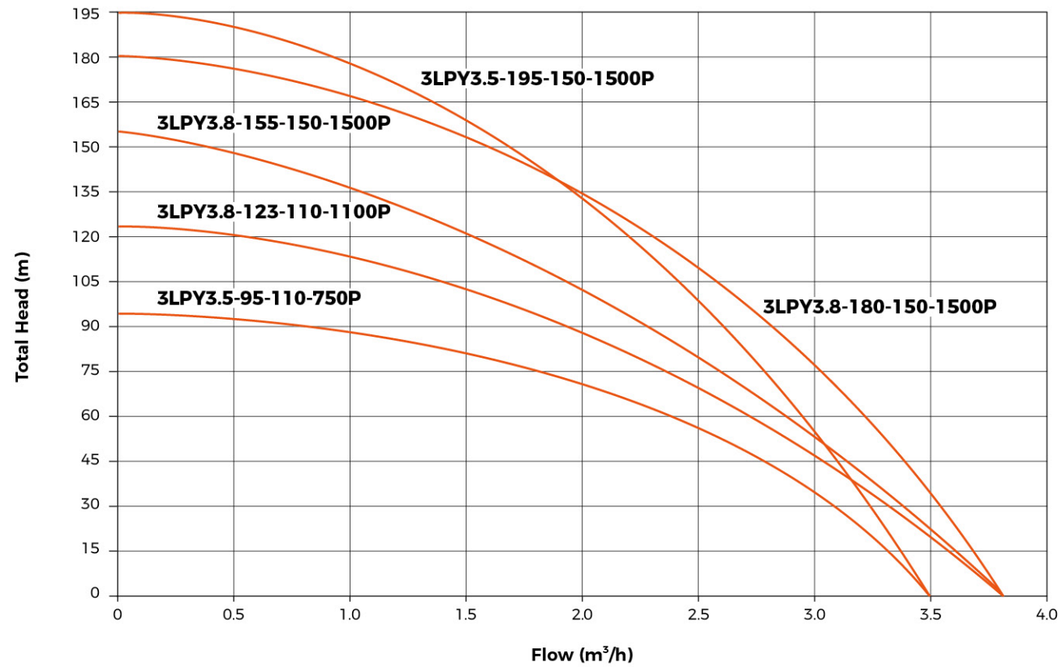
- P — Plastic Impeller
- 750 — Rated Power (W)
- 110 — DC Bus Voltage (V)
- 95 — Max. Head (m)
- 3.5 — Max. Flow (m^3/h)
- LPY — AC/DC Solar Submersible Pump
- 3 — Min. Well Diameter: 3 Inch

Wiring Diagram





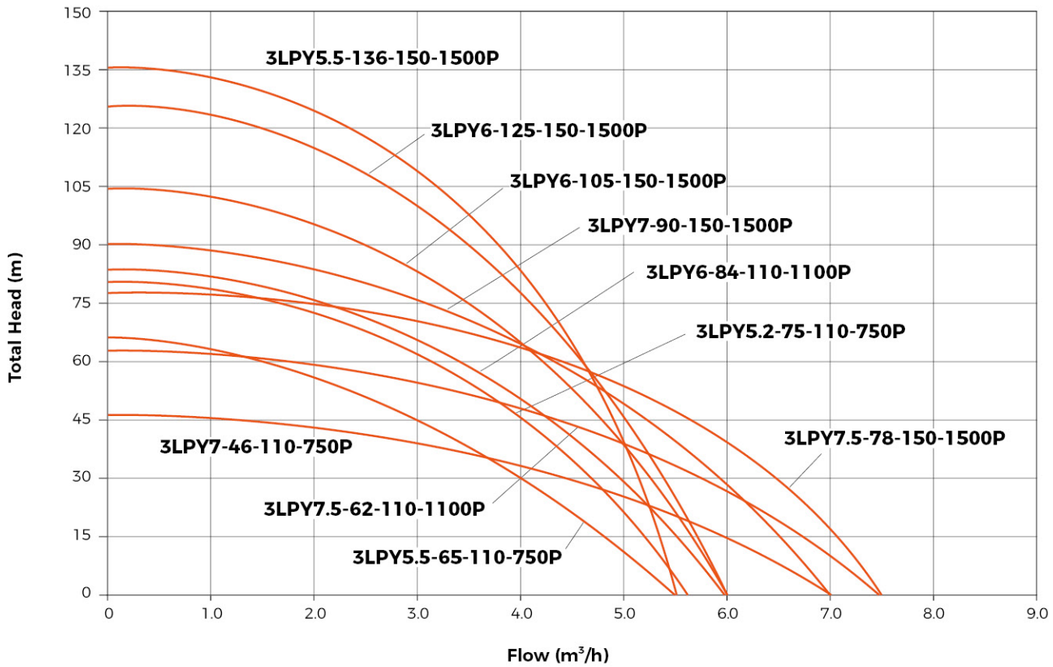
3LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m^3/h	m	inch	Open Circuit Voltage(VOC)	Power		€
3LPY3.5-95-110-750P	750	110-280	80-430	3.5	95	1¼"	<430	≥1.3*Pump Power	5008140016	580.67
3LPY3.8-123-110-1100P	1100	110-280	80-430	3.8	123	1¼"	<430	≥1.3*Pump Power	5072490001	584.15
3LPY3.8-155-150-1500P	1500	110-280	80-430	3.8	155	1¼"	<430	≥1.3*Pump Power	5072499001	585.43
3LPY3.8-180-150-1500P	1500	110-280	80-430	3.8	180	1¼"	<430	≥1.3*Pump Power	5072506001	609.19
3LPY3.5-195-150-1500P	1500	110-280	80-430	3.5	195	1¼"	<430	≥1.3*Pump Power	5072514001	610.47

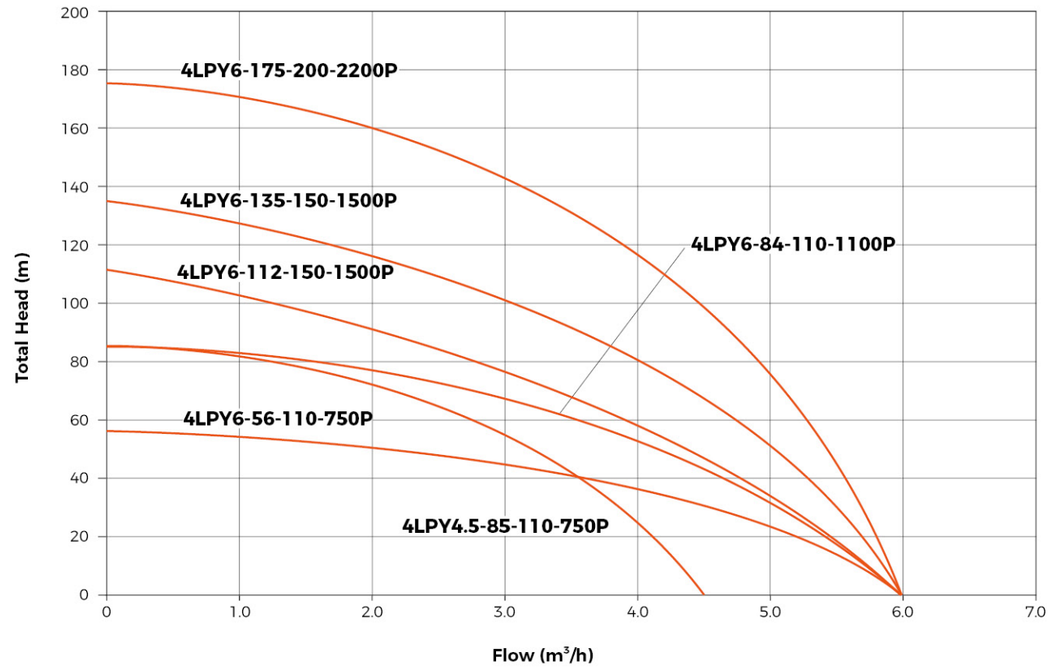
3LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
3LPY5.2-75-110-750P	750	110-280	80-430	5.2	75	1½"	<430	≥1.3*Pump Power	5053882004	572.91
3LPY5.5-65-110-750P	750	110-280	80-430	5.5	65	1½"	<430	≥1.3*Pump Power	5010339005	564.27
3LPY6-84-110-1100P	1100	110-280	80-430	6	84	1½"	<430	≥1.3*Pump Power	5072528001	572.91
3LPY6-105-150-1500P	1500	110-280	80-430	6	105	1½"	<430	≥1.3*Pump Power	5072538001	584.55
3LPY6-125-150-1500P	1500	110-280	80-430	6	125	1½"	<430	≥1.3*Pump Power	5072549001	593.63
3LPY5.5-136-150-1500P	1500	110-280	80-430	5.5	136	1½"	<430	≥1.3*Pump Power	5072558001	597.51
3LPY7-46-110-750P	750	110-280	80-430	7	46	1½"	<430	≥1.3*Pump Power	5060707004	560.79
3LPY7.5-62-110-1100P	1100	110-280	80-430	7.5	62	1½"	<430	≥1.3*Pump Power	5070719003	567.71
3LPY7.5-78-150-1500P	1500	110-280	80-430	7.5	78	1½"	<430	≥1.3*Pump Power	5072466001	576.35
3LPY7-90-150-1500P	1500	110-280	80-430	7	90	1½"	<430	≥1.3*Pump Power	5072478001	584.15

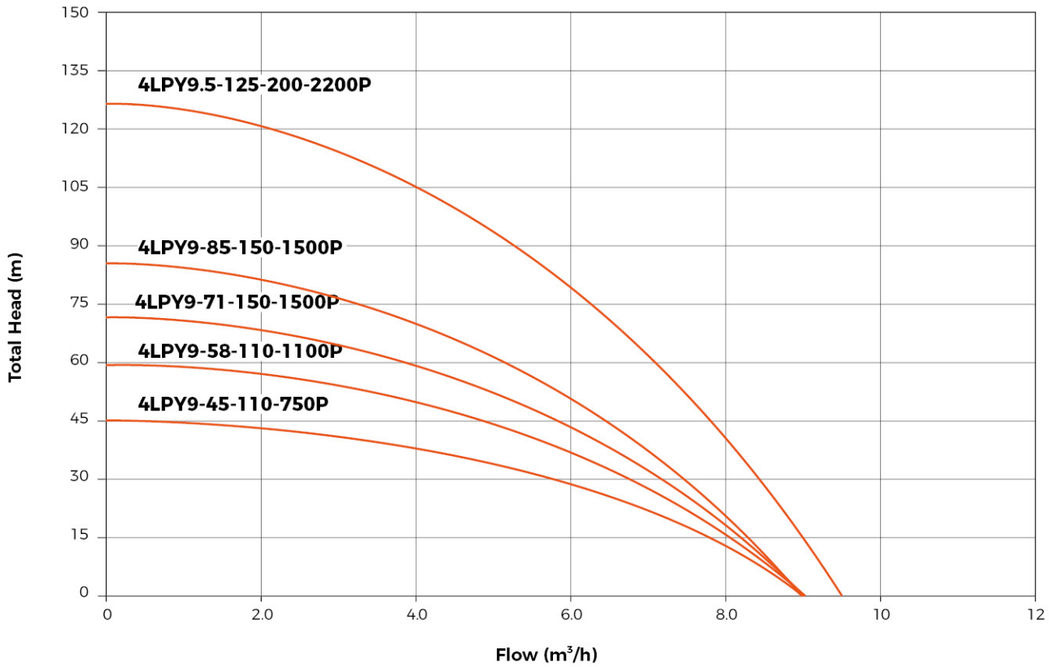
4LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
4LPY4.5-85-110-750P	750	110-280	80-430	4.5	85	1¼"	<430	≥1.3*Pump Power	5008143006	604.87
4LPY6-56-110-750P	750	110-280	80-430	6	56	1¼"	<430	≥1.3*Pump Power	5010360009	593.63
4LPY6-84-110-1100P	1100	110-280	80-430	6	84	1¼"	<430	≥1.3*Pump Power	5071620002	600.99
4LPY6-112-150-1500P	1500	110-280	80-430	6	112	1¼"	<430	≥1.3*Pump Power	5072515001	607.47
4LPY6-135-150-1500P	1500	110-280	80-430	6	135	1¼"	<430	≥1.3*Pump Power	5072522001	612.63
4LPY6-175-200-2200P	2200	110-280	80-430	6	175	1¼"	<430	≥1.3*Pump Power	5070717003	652.40

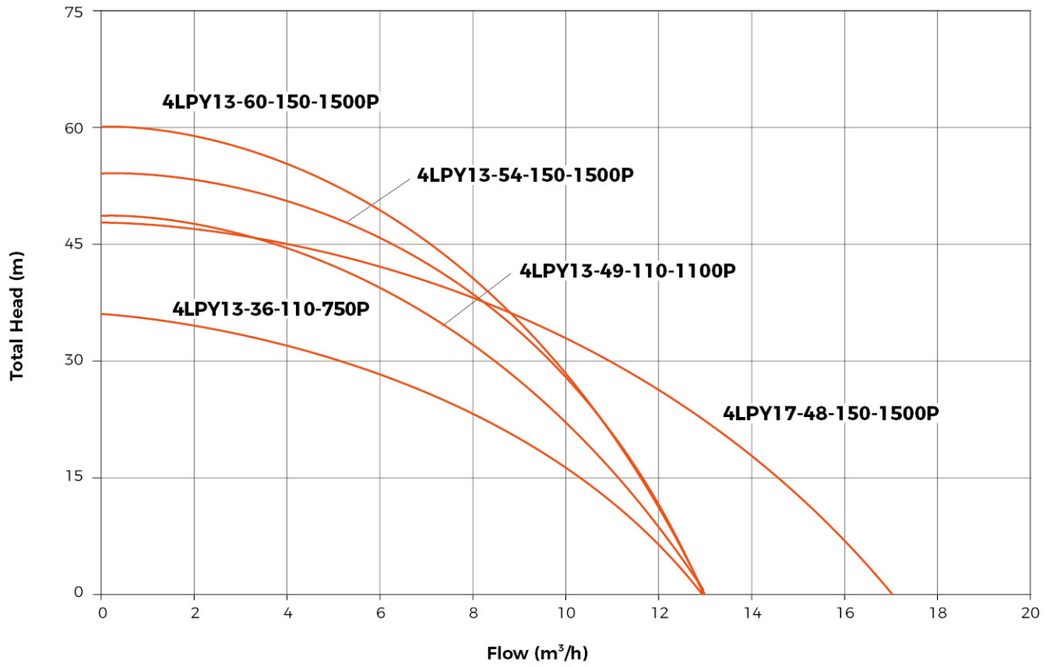
4LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
4LPY9-45-110-750P	750	110-280	80-430	9	45	2"	<430	≥1.3*Pump Power	5070727003	597.11
4LPY9-58-110-1100P	1100	110-280	80-430	9	58	2"	<430	≥1.3*Pump Power	5072540001	597.11
4LPY9-71-150-1500P	1500	110-280	80-430	9	71	2"	<430	≥1.3*Pump Power	5072554001	600.99
4LPY9-85-150-1500P	1500	110-280	80-430	9	85	2"	<430	≥1.3*Pump Power	5072563001	604.87
4LPY9.5-125-200-2200P	2200	110-280	80-430	9.5	125	2"	<430	≥1.3*Pump Power	5070718003	638.55

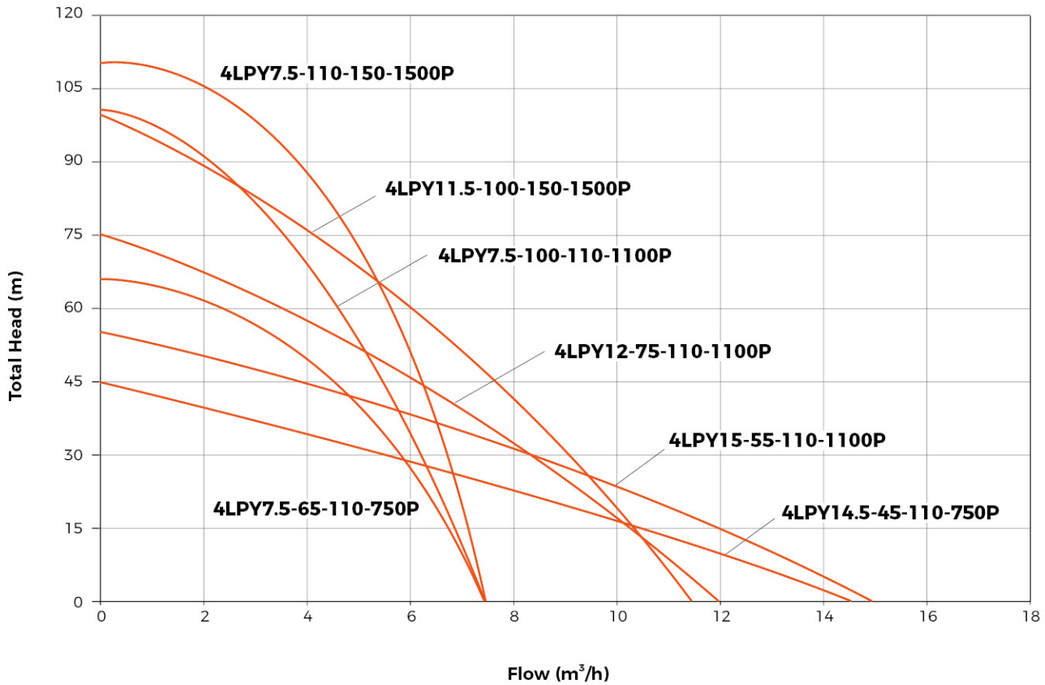
4LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
4LPY13-36-110-750P	750	110-280	80-430	13	36	2"	<430	≥1.3*Pump Power	5072581002	593.63
4LPY13-49-110-1100P	1100	110-280	80-430	13	49	2"	<430	≥1.3*Pump Power	5072583001	600.11
4LPY13-54-150-1500P	1500	110-280	80-430	13	54	2"	<430	≥1.3*Pump Power	5072467001	603.99
4LPY13-60-150-1500P	1500	110-280	80-430	13	60	2"	<430	≥1.3*Pump Power	5072474001	603.99
4LPY17-48-150-1500P	1500	110-280	80-430	17	48	2"	<430	≥1.3*Pump Power	5072481001	601.83

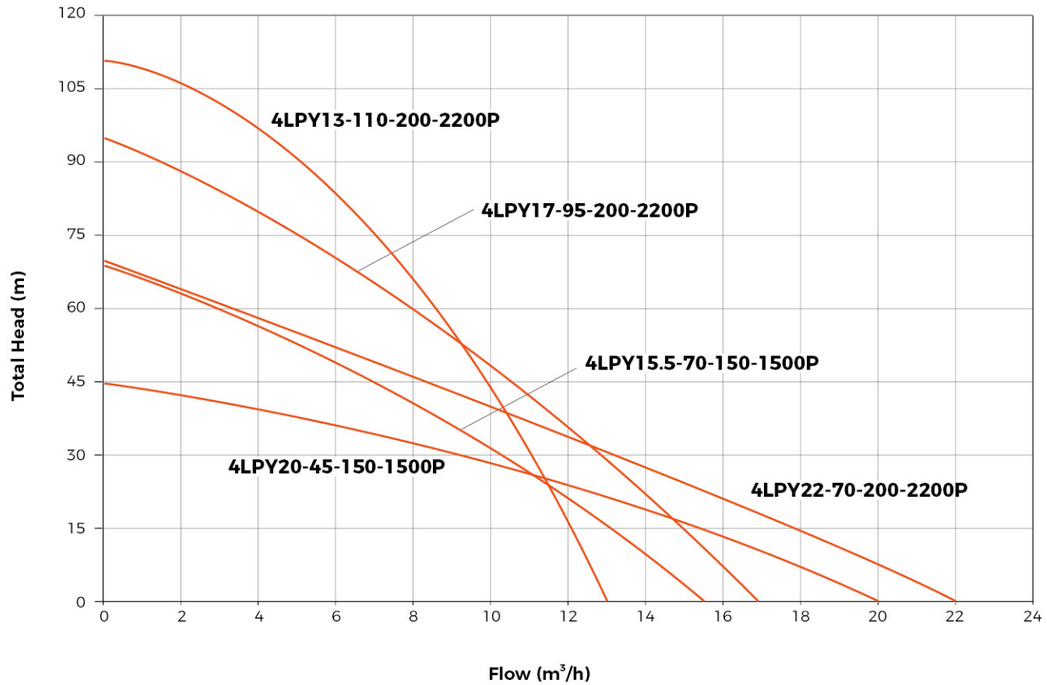
4LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
4LPY7.5-65-110-750P	750	110-280	80-430	7.5	65	2"	<430	≥1.3*Pump Power	5070722003	604.87
4LPY7.5-100-110-1100P	1100	110-280	80-430	7.5	100	2"	<430	≥1.3*Pump Power	5072498001	615.67
4LPY7.5-110-150-1500P	1500	110-280	80-430	7.5	110	2"	<430	≥1.3*Pump Power	5072504001	619.55
4LPY12-75-110-1100P	1100	110-280	80-430	12	75	2"	<430	≥1.3*Pump Power	5072513001	613.95
4LPY11.5-100-150-1500P	1500	110-280	80-430	11.5	100	2"	<430	≥1.3*Pump Power	5072519001	619.55
4LPY14.5-45-110-750P	750	110-280	80-430	14.5	45	2"	<430	≥1.3*Pump Power	5070725003	609.63
4LPY15-55-110-1100P	1100	110-280	80-430	15	55	2"	<430	≥1.3*Pump Power	5072529001	613.07

4LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
4LPY13-110-200-2200P	2200	110-280	80-430	13	110	2"	<430	≥1.3*Pump Power	5072537001	642.47
4LPY15.5-70-150-1500P	1500	110-280	80-430	15.5	70	2"	<430	≥1.3*Pump Power	5072546001	614.79
4LPY17-95-200-2200P	2200	110-280	80-430	17	95	2"	<430	≥1.3*Pump Power	5072556001	642.47
4LPY20-45-150-1500P	1500	110-280	80-430	20	45	2"	<430	≥1.3*Pump Power	5072564001	619.55
4LPY22-70-200-2200P	2200	110-280	80-430	22	70	2"	<430	≥1.3*Pump Power	5072573001	652.40

LPY Hybrid AC/DC Solar Submersible Pump with SS Impeller



DSFP
(0.75 ~ 2.2 kW)

DSFP
(3 ~ 4 kW)

Applications

- Agriculture irrigation, Livestock feeding, Domestic water lifting
- Clean water supply from wells or reservoirs
- Off grid solar pumping system

Pump Features

- Oil-filled motor
- With MPPT AC/DC Inverter
- SS304 impeller and diffuser
- SS304 oil chamber
- High efficiency PMSM brushless motor
  (PMSM: Permanent-Magnet Synchronous Motor)

MPPT AC/DC Inverter

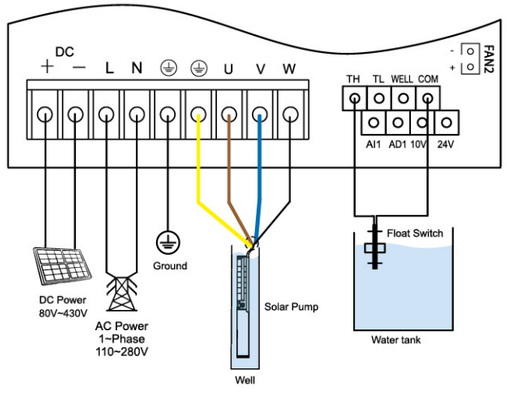
- Can be used for both AC and DC power supply
- Enclosures class: IP65
- Ambient temperature: -15 ~ 60℃
- LED Displays working conditions & Fault code
- Auto Start & Stop
- Soft start & VFD function

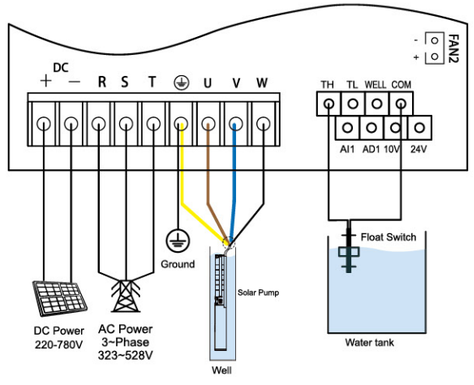
Identification Codes

3 LPY 4.8 - 95 - 110 - 750

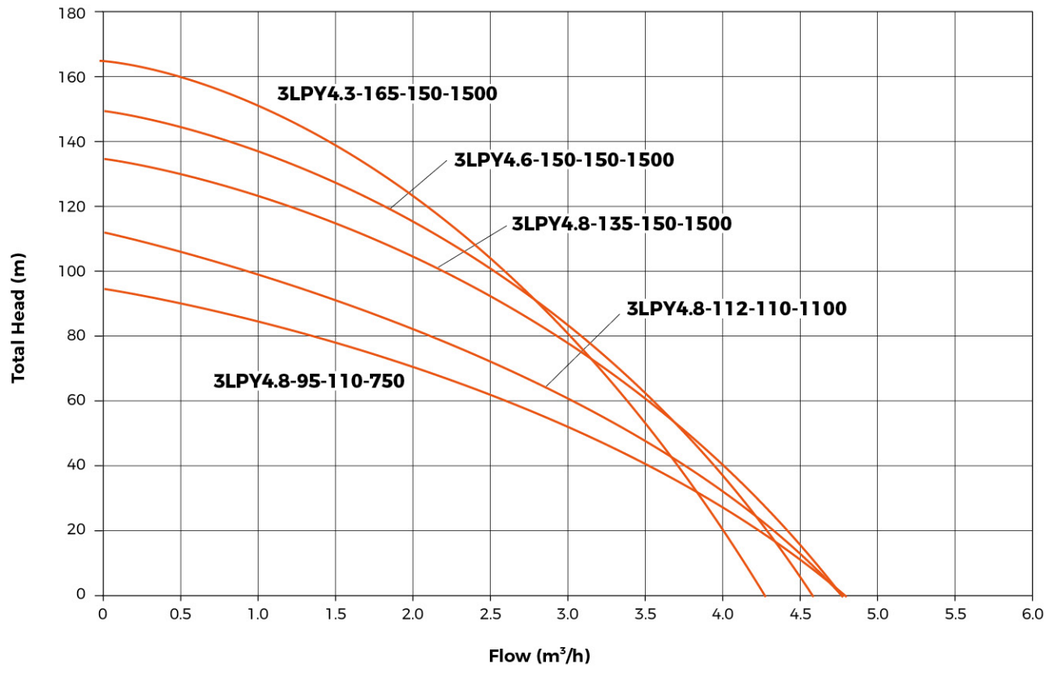
- 3 — Min. Well Diameter: 3 Inch
- LPY — AC/DC Solar Submersible Pump
- 4.8 — Max. Flow (m^3/h)
- 95 — Max. Head (m)
- 110 — DC Bus Voltage (V)
- 750 — Rated Power (W)

Wiring Diagram





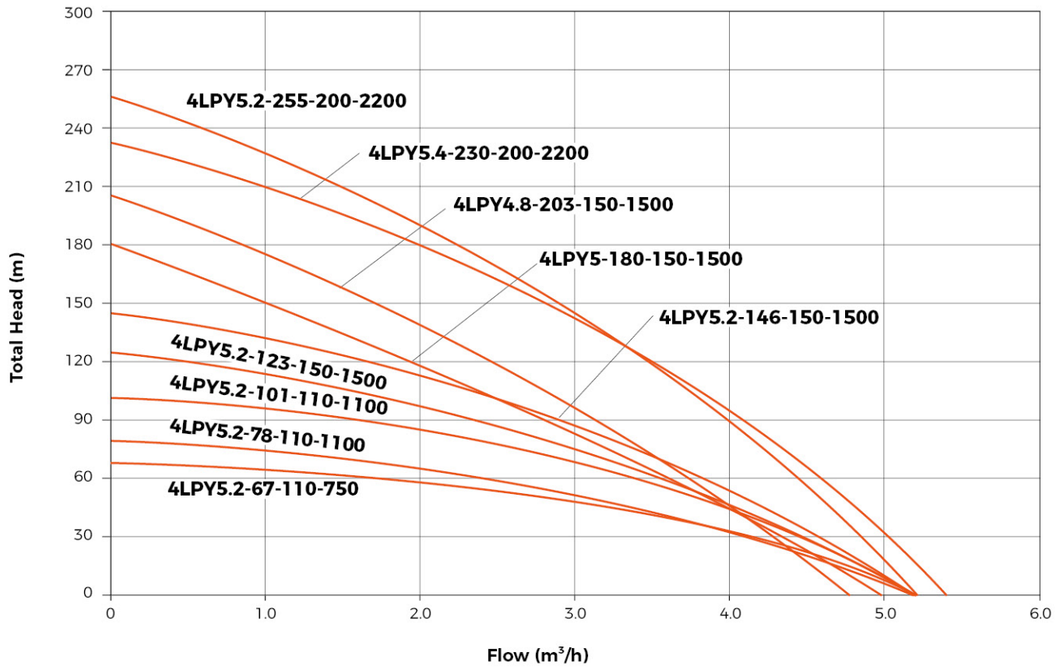
3LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m^3/h	m	inch	Open Circuit Voltage(VOC)	Power		€
3LPY4.8-95-110-750	750	110-280	80-430	4.8	95	1¼"	<430	≥1.3*Pump Power	5015324007	658.44
3LPY4.8-112-110-1100	1100	110-280	80-430	4.8	112	1¼"	<430	≥1.3*Pump Power	5072484001	677.04
3LPY4.8-135-150-1500	1500	110-280	80-430	4.8	135	1¼"	<430	≥1.3*Pump Power	5072492001	703.80
3LPY4.6-150-150-1500	1500	110-280	80-430	4.6	150	1¼"	<430	≥1.3*Pump Power	5072500001	721.08
3LPY4.3-165-150-1500	1500	110-280	80-430	4.3	165	1¼"	<430	≥1.3*Pump Power	5072509001	743.13

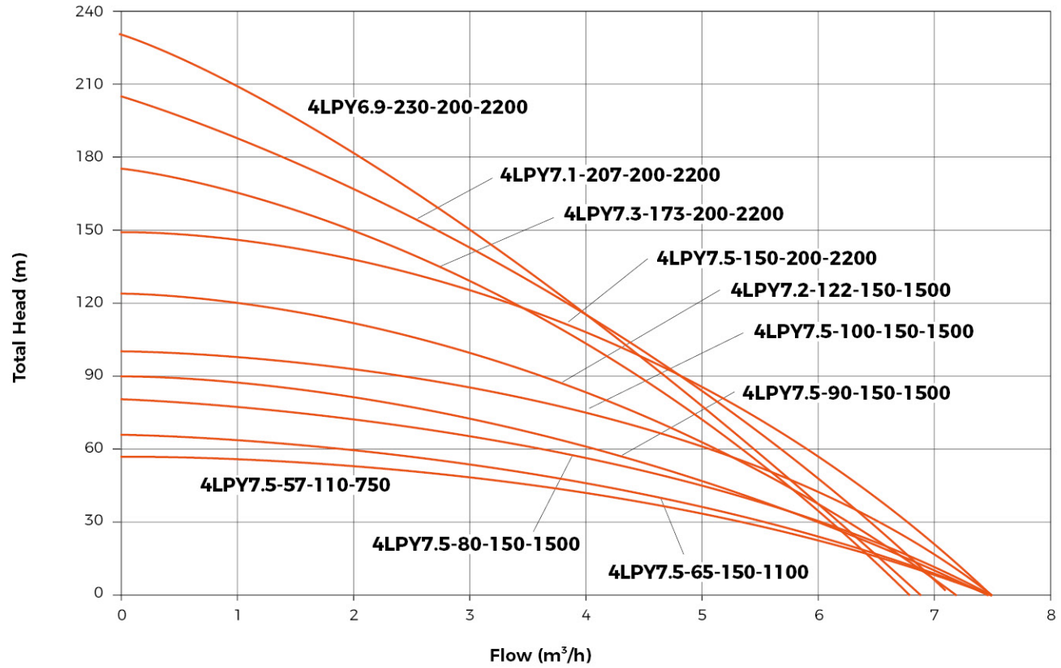
4LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
4LPY5.2-67-110-750	750	110-280	80-430	5.2	67	1¼"	<430	≥1.3*Pump Power	5010494005	623.43
4LPY5.2-78-110-1100	1100	110-280	80-430	5.2	78	1¼"	<430	≥1.3*Pump Power	5053887005	634.23
4LPY5.2-101-110-1100	1100	110-280	80-430	5.2	101	1¼"	<430	≥1.3*Pump Power	5072530001	655.84
4LPY5.2-123-150-1500	1500	110-280	80-430	5.2	123	1¼"	<430	≥1.3*Pump Power	5072539001	696.88
4LPY5.2-146-150-1500	1500	110-280	80-430	5.2	146	1¼"	<430	≥1.3*Pump Power	5072547001	704.24
4LPY5-180-150-1500	1500	110-280	80-430	5	180	1¼"	<430	≥1.3*Pump Power	5072557001	746.57
4LPY4.8-203-150-1500	1500	110-280	80-430	4.8	203	1¼"	<430	≥1.3*Pump Power	5072565001	757.81
4LPY5.4-230-200-2200	2200	110-280	80-430	5.4	230	1¼"	<430	≥1.3*Pump Power	5072572001	794.09
4LPY5.2-255-200-2200	2200	110-280	80-430	5.2	255	1¼"	<430	≥1.3*Pump Power	5072580001	813.53

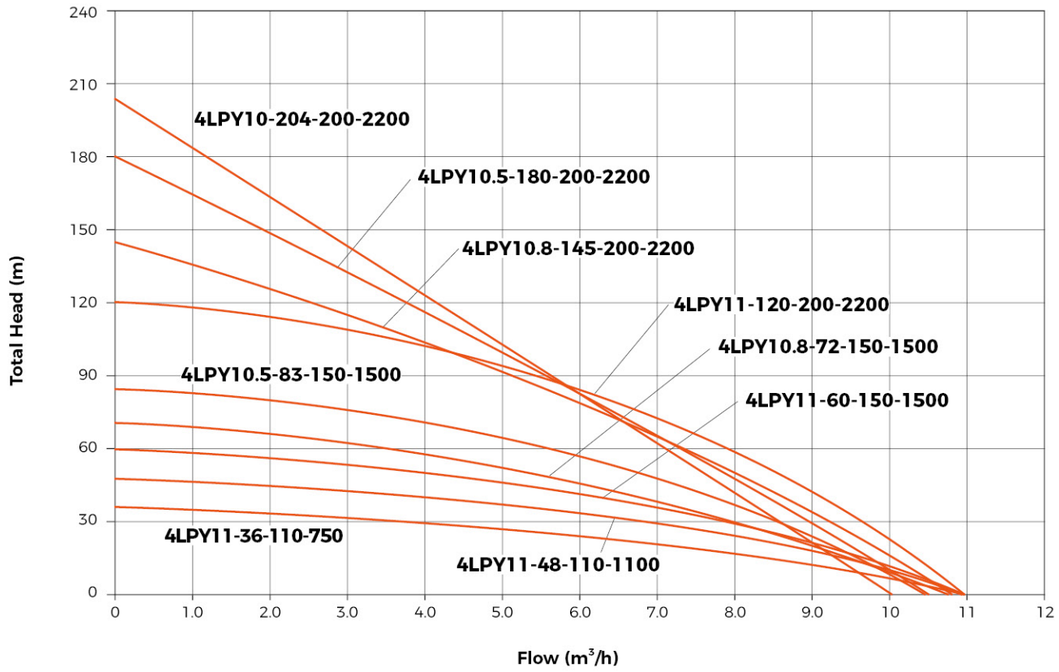
4LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
4LPY7.5-57-110-750	750	110-280	80-430	7.5	57	1¼"	<430	≥1.3*Pump Power	5031229004	618.27
4LPY7.5-65-110-1100	1100	110-280	80-430	7.5	65	1¼"	<430	≥1.3*Pump Power	5072477001	628.63
4LPY7.5-80-150-1500	1500	110-280	80-430	7.5	80	1¼"	<430	≥1.3*Pump Power	5072486001	635.11
4LPY7.5-90-150-1500	1500	110-280	80-430	7.5	90	1¼"	<430	≥1.3*Pump Power	5072495001	642.47
4LPY7.5-100-150-1500	1500	110-280	80-430	7.5	100	1¼"	<430	≥1.3*Pump Power	5072505001	661.92
4LPY7.2-122-150-1500	1500	110-280	80-430	7.2	122	1¼"	<430	≥1.3*Pump Power	5072025002	676.16
4LPY7.5-150-200-2200	2200	110-280	80-430	7.5	150	1¼"	<430	≥1.3*Pump Power	5072518001	719.36
4LPY7.3-173-200-2200	2200	110-280	80-430	7.3	173	1¼"	<430	≥1.3*Pump Power	5072525001	742.69
4LPY7.1-207-200-2200	2200	110-280	80-430	7.1	207	1¼"	<430	≥1.3*Pump Power	5072533001	763.45
4LPY6.9-230-200-2200	2200	110-280	80-430	6.9	230	1¼"	<430	≥1.3*Pump Power	5072545001	794.09

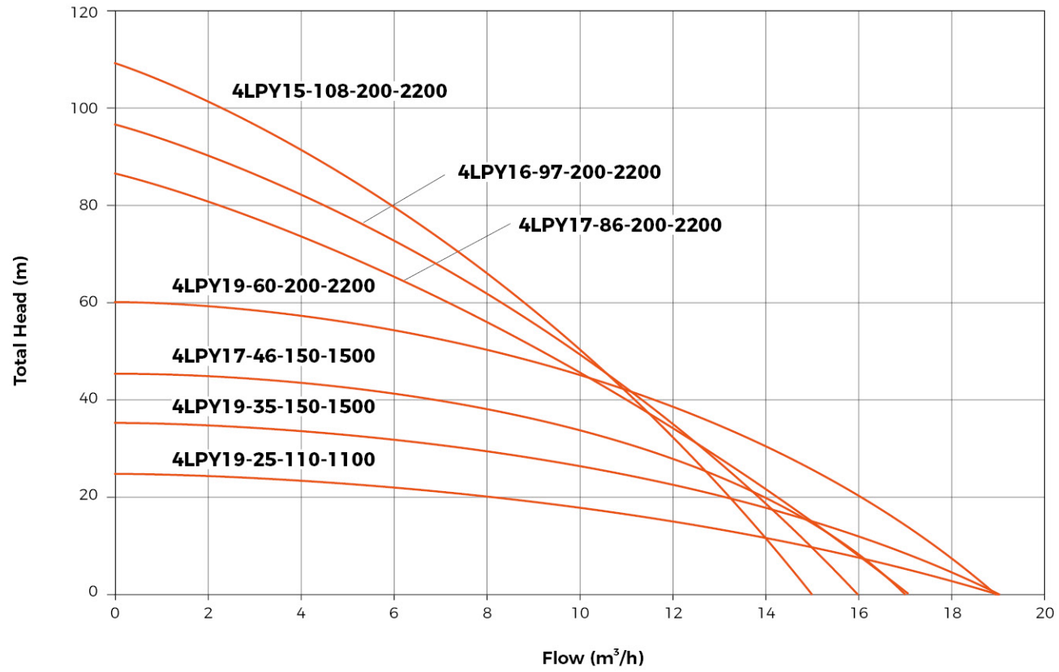
4LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
4LPY11-36-110-750	750	110-280	80-430	11	36	2"	<430	≥1.3*Pump Power	5008135005	604.87
4LPY11-48-110-1100	1100	110-280	80-430	11	48	2"	<430	≥1.3*Pump Power	5071702002	616.11
4LPY11-60-150-1500	1500	110-280	80-430	11	60	2"	<430	≥1.3*Pump Power	5072571001	627.75
4LPY10.8-72-150-1500	1500	110-280	80-430	10.8	72	2"	<430	≥1.3*Pump Power	5072578001	634.67
4LPY10.5-83-150-1500	1500	110-280	80-430	10.5	83	2"	<430	≥1.3*Pump Power	5071703002	645.91
4LPY11-120-200-2200	2200	110-280	80-430	11	120	2"	<430	≥1.3*Pump Power	5072026002	700.80
4LPY10.8-145-200-2200	2200	110-280	80-430	10.8	145	2"	<430	≥1.3*Pump Power	5072479001	724.12
4LPY10.5-180-200-2200	2200	110-280	80-430	10.5	180	2"	<430	≥1.3*Pump Power	5072485001	757.37
4LPY10-204-200-2200	2200	110-280	80-430	10	204	2"	<430	≥1.3*Pump Power	5072497001	779.41

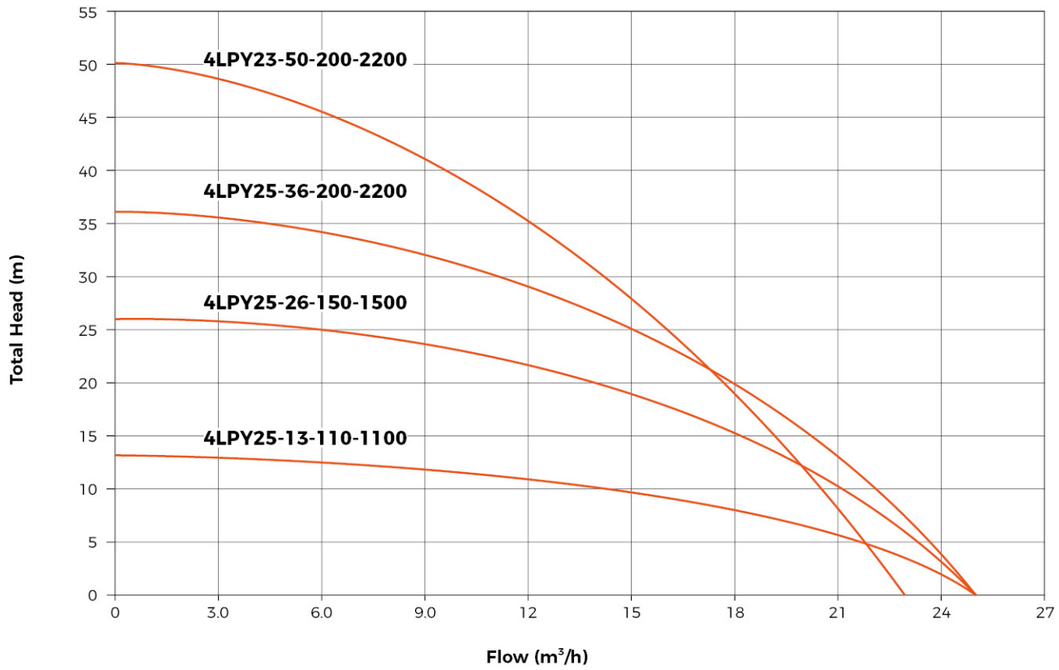
4LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
4LPY19-25-110-1100	1100	110-280	80-430	19	25	2"	<430	≥1.3*Pump Power	5072503001	615.67
4LPY19-35-150-1500	1500	110-280	80-430	19	35	2"	<430	≥1.3*Pump Power	5072512001	629.07
4LPY17-46-150-1500	1500	110-280	80-430	17	46	2"	<430	≥1.3*Pump Power	5072517001	640.31
4LPY19-60-200-2200	2200	110-280	80-430	19	60	2"	<430	≥1.3*Pump Power	5072524001	680.48
4LPY17-86-200-2200	2200	110-280	80-430	17	86	2"	<430	≥1.3*Pump Power	5071704002	716.76
4LPY16-97-200-2200	2200	110-280	80-430	16	97	2"	<430	≥1.3*Pump Power	5072536001	734.92
4LPY15-108-200-2200	2200	110-280	80-430	15	108	2"	<430	≥1.3*Pump Power	5072548001	757.81

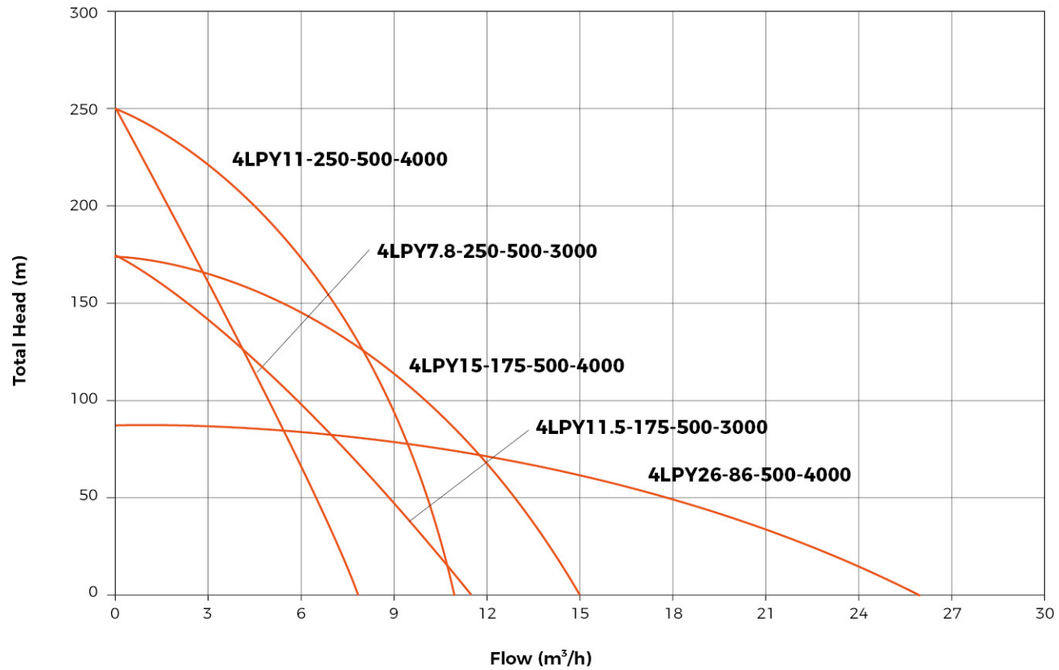
4LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
4LPY25-13-110-1100	1100	110-280	80-430	25	13	2"	<430	≥1.3*Pump Power	5072560001	616.11
4LPY25-26-150-1500	1500	110-280	80-430	25	26	2"	<430	≥1.3*Pump Power	5072567001	635.11
4LPY25-36-200-2200	2200	110-280	80-430	25	36	2"	<430	≥1.3*Pump Power	5071538002	664.92
4LPY23-50-200-2200	2200	110-280	80-430	23	50	2"	<430	≥1.3*Pump Power	5072582001	690.40

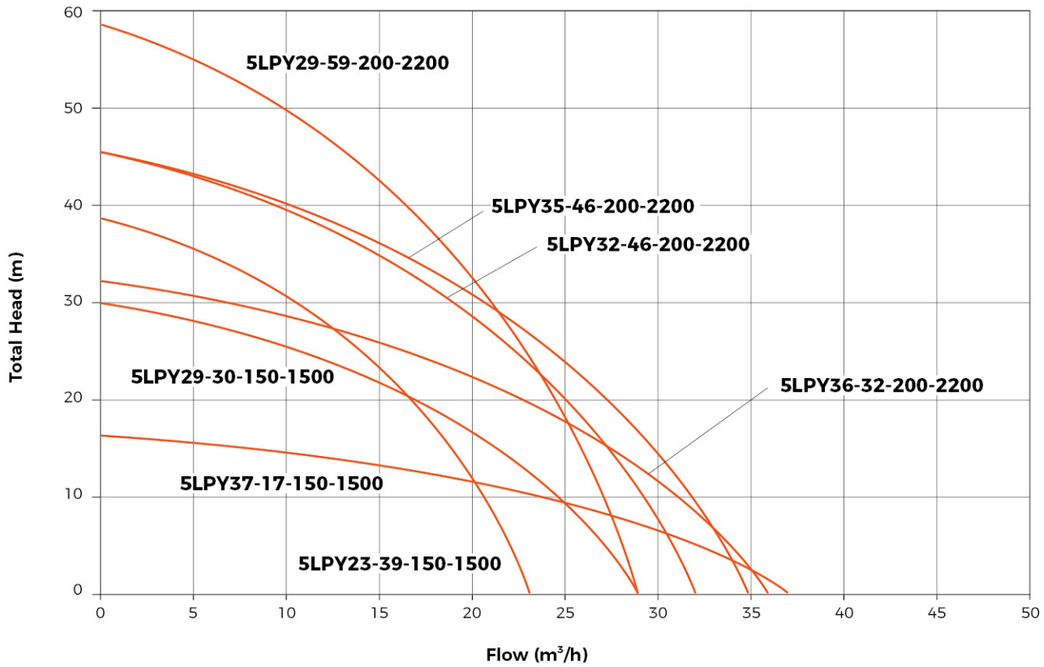
4LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
4LPY7.8-250-500-3000	3000	323-528	220-780	7.8	250	2"	<780	≥1.3*Pump Power	5072587002	1055.48
4LPY11.5-175-500-3000	3000	323-528	220-780	11.5	175	2"	<780	≥1.3*Pump Power	5072588002	990.27
4LPY11-250-500-4000	4000	323-528	220-780	11	250	2"	<780	≥1.3*Pump Power	5071892003	1089.64
4LPY15-175-500-4000	4000	323-528	220-780	15	175	2"	<780	≥1.3*Pump Power	5063845005	1139.33
4LPY26-86-500-4000	4000	323-528	220-780	26	86	2"	<780	≥1.3*Pump Power	5072589001	1057.64

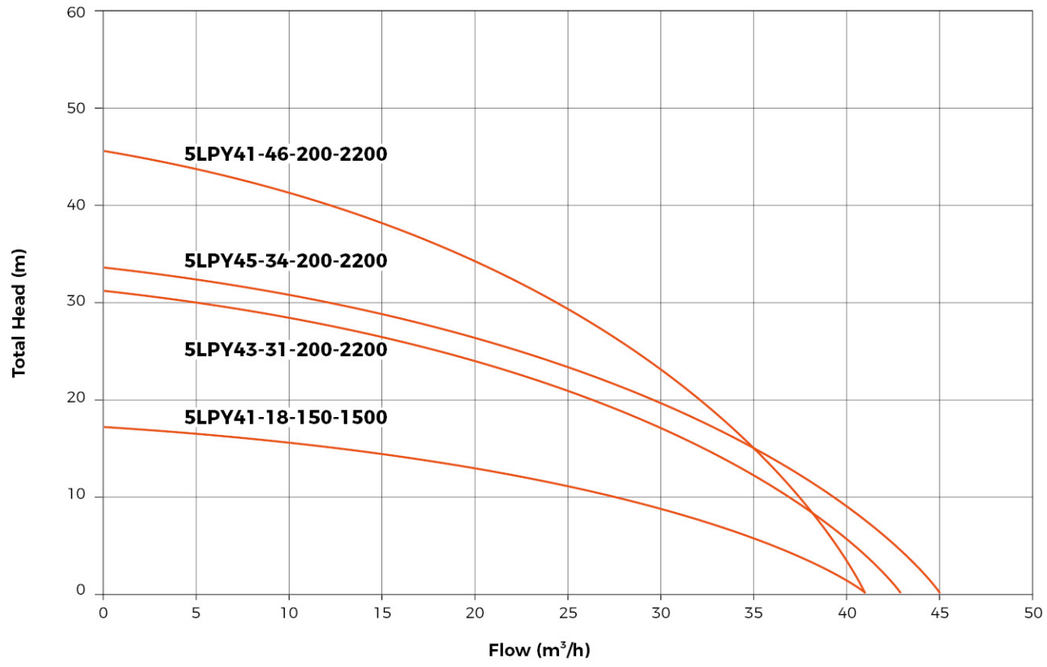
5LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
5LPY23-39-150-1500	1500	110-280	80-430	23	39	2½"	<430	≥1.3*Pump Power	5072471001	819.61
5LPY29-59-200-2200	2200	110-280	80-430	29	59	2½"	<430	≥1.3*Pump Power	5072480001	880.10
5LPY29-30-150-1500	1500	110-280	80-430	29	30	2½"	<430	≥1.3*Pump Power	5072487001	777.25
5LPY32-46-200-2200	2200	110-280	80-430	32	46	2½"	<430	≥1.3*Pump Power	5072496001	829.97
5LPY37-17-150-1500	1500	110-280	80-430	37	17	2½"	<430	≥1.3*Pump Power	5072502001	736.20
5LPY36-32-200-2200	2200	110-280	80-430	36	32	2½"	<430	≥1.3*Pump Power	5072511001	790.65
5LPY35-46-200-2200	2200	110-280	80-430	35	46	2½"	<430	≥1.3*Pump Power	5072520001	833.85

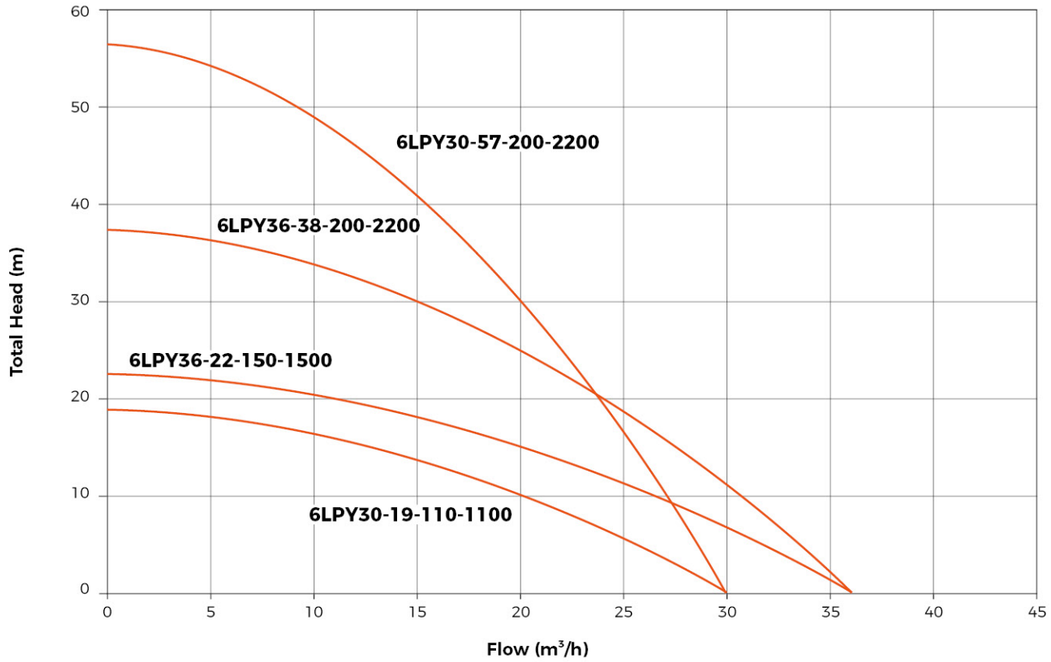
5LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
5LPY41-18-150-1500	1500	110-280	80-430	41	18	2½"	<430	≥1.3*Pump Power	5072526001	711.16
5LPY43-31-200-2200	2200	110-280	80-430	43	31	2½"	<430	≥1.3*Pump Power	5072532001	782.01
5LPY41-46-200-2200	2200	110-280	80-430	41	46	2½"	<430	≥1.3*Pump Power	5072541001	839.46
5LPY45-34-200-2200	2200	110-280	80-430	45	34	2½"	<430	≥1.3*Pump Power	5072551001	788.49

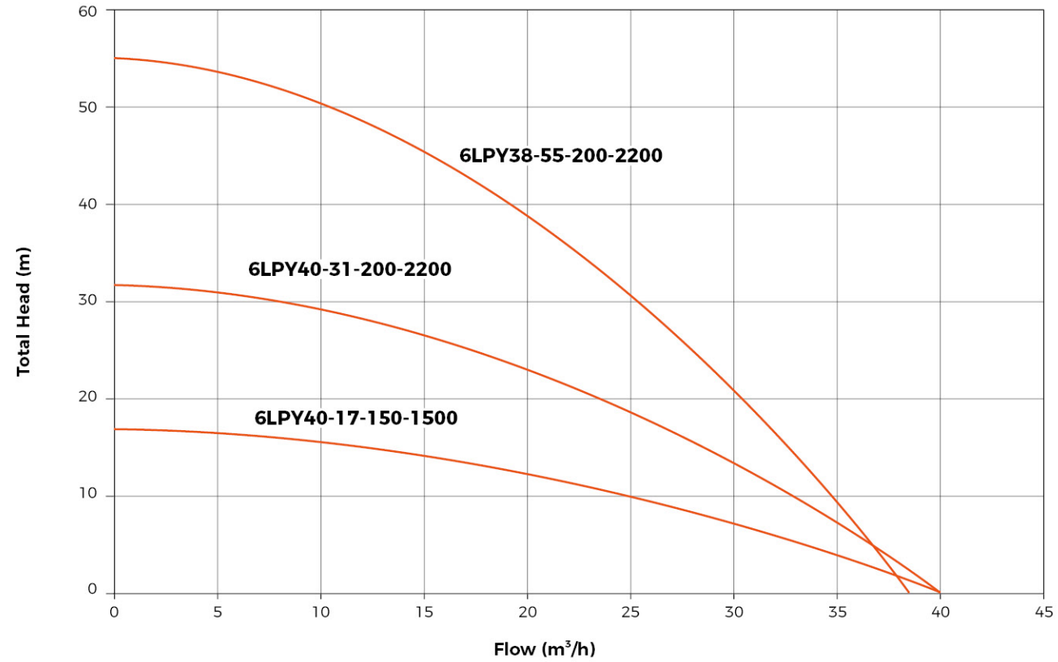
6LPY



Technical Data

Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
6LPY30-19-110-1100	1100	110-280	80-430	30	19	3"	<430	≥1.3*Pump Power	5072559001	727.56
6LPY36-22-150-1500	1500	110-280	80-430	36	22	3"	<430	≥1.3*Pump Power	5071705002	727.56
6LPY36-38-200-2200	2200	110-280	80-430	36	38	3"	<430	≥1.3*Pump Power	5072574001	801.01
6LPY30-57-200-2200	2200	110-280	80-430	30	57	3"	<430	≥1.3*Pump Power	5072579001	852.86

6LPY



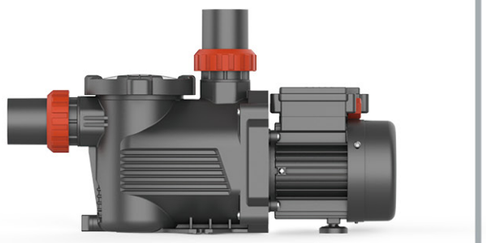
Technical Data

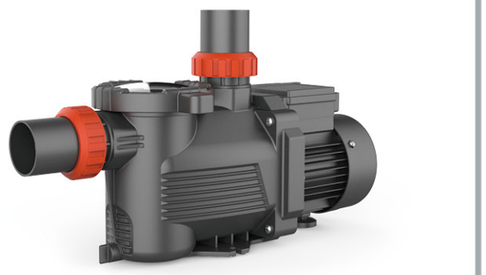
Model	Power	AC Voltage	DC Voltage	Max. Flow	Max. Head	Outlet	Recommended Solar Panel		Part No.	Price
	W	V	V	m³/h	m	inch	Open Circuit Voltage(VOC)	Power		€
6LPY40-17-150-1500	1500	110-280	80-430	40	17	3"	<430	≥1.3*Pump Power	5072584001	738.80
6LPY40-31-200-2200	2200	110-280	80-430	40	31	3"	<430	≥1.3*Pump Power	5072585001	805.33
6LPY38-55-200-2200	2200	110-280	80-430	38	55	3"	<430	≥1.3*Pump Power	5072586001	860.22

SWIMMING POOL

XKP Swimming Pool Pump

XKP Pool Pump





Application

- It is used for water circulation in all kinds of small domestic swimming pools. Slightly dirty water with solids in suspension can be perfectly filtered.

Pump

- Engineering plastic pump body
- Medium temperture: 5 - 50℃
- Environmental temperture: ≤40℃
- Max. suction: 3.5 m

Motor

- Motor with copper or aluminum winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX5
- Power cable: 1.5m with European plug

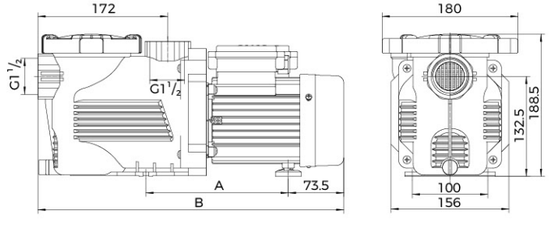
Identification Codes

XKP 25 6

- 6th Generation (Short version)
- Power (x10W)
- Pool Pump

Technical Data

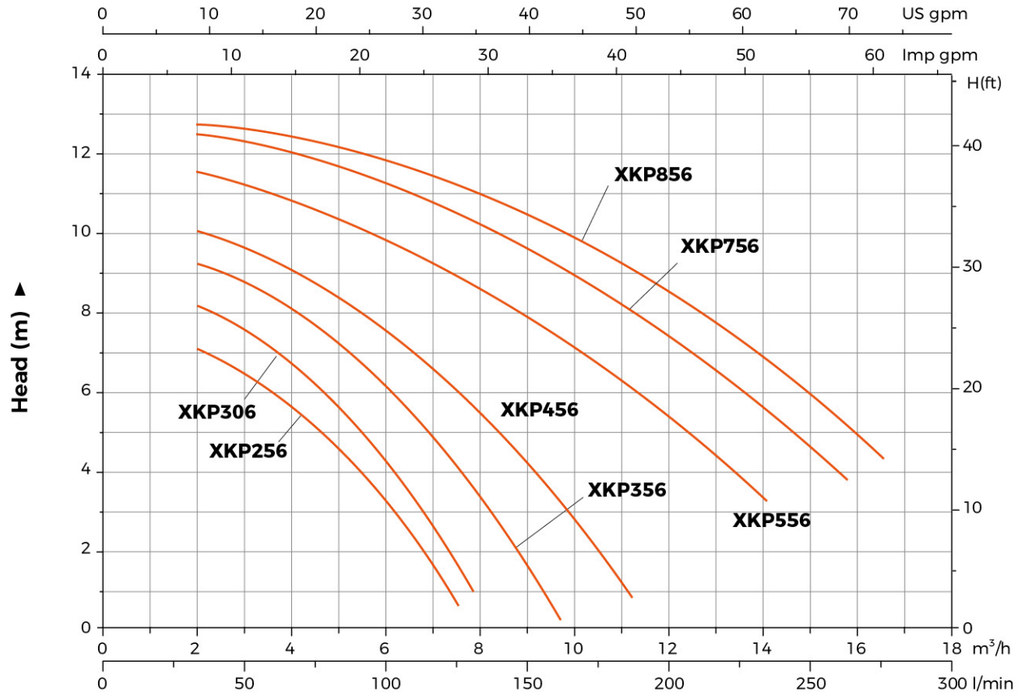
Model	Power		Voltage	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V	l/min	m		€
XKP256	0.25	0.37	220-240	125	7.5	5001195015	161.89
XKP306	0.3	0.4		125	8.5	5001201008	166.02
XKP356	0.35	0.47		160	9.5	5001204016	173.46
XKP456	0.45	0.6		185	10	5001208020	181.72
XKP556	0.55	0.75		235	12	5001169026	201.12
XKP756	0.75	1.0		260	12.5	5001183028	213.51
XKP856	0.85	1.14		275	12.5	5001128018	218.89



Dimension

Model	DN1	DN2	A (mm)	B (mm)
XKP256	48.5\50	48.5\50	157.5	374
XKP306			157.5	374
XKP356			157.5	374
XKP456			157.5	374
XKP556			188.5	405
XKP756			188.5	405
XKP856			188.5	405

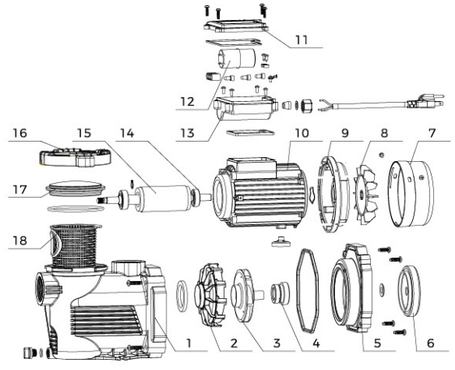
Hydraulic Performance Curves



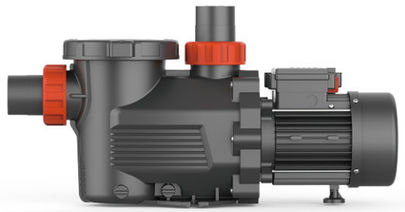
Material Table

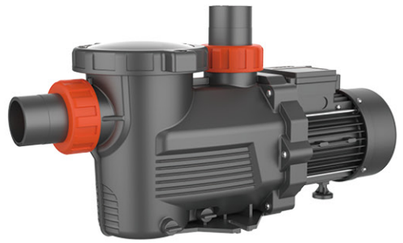
No.	Part	Material
1	Pump body	PP
2	Guide vane	PP
3	Impeller	PPO
4	Mechanical seal	
5	Bracket	PP
6	Front end cover	ADC12
7	Fan cover	PP
8	Fan	PP
9	End plate	ADC12
10	Stator	

No.	Part	Material
11	Terminal box cover	ABS
12	Capacitor	
13	Cover box	ABS
14	Deep grove ball bearing	
15	Rotor	
16	Pump cover nut	ABS
17	Pump cover	PC
18	Filter	PP



XKP Pool Pump





Application

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Pump

- Engineering plastic pump body
- Medium temperture: 5 - 50℃
- Environmental temperture: ≤40℃
- Max. suction: 3.5 m

Motor

- Motor with copper or aluminum winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX5
- Power cable: 1.5m with European plug

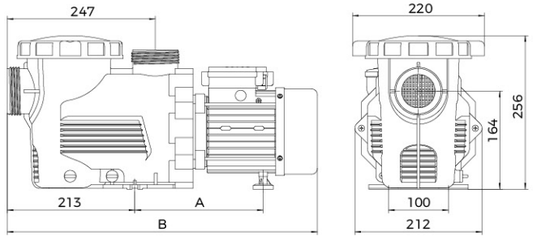
Identification Codes

XKP 160 6

- 6th Generation (Long version)
- Power (x10W)
- Pool Pump

Technical Data

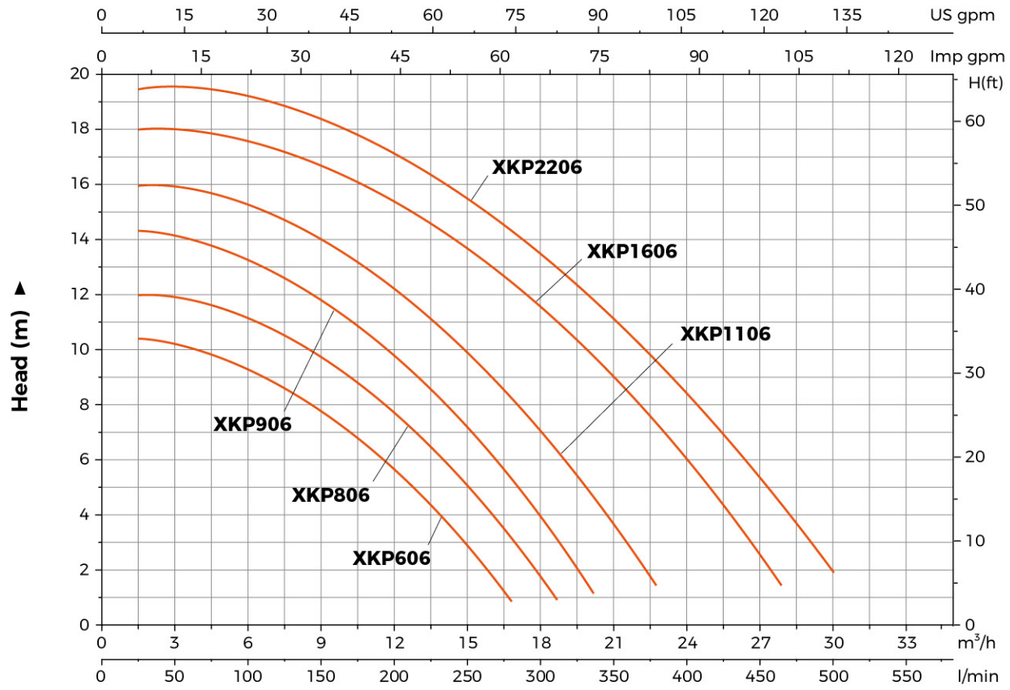
Model	Power		Voltage	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V	l/min	m		€
XKP606	0.6	0.8	220-240	285	10.5	5001232008	250.68
XKP806	0.8	1.1		315	12	5001235016	258.12
XKP906	0.9	1.2		340	14.5	5001230014	265.95
XKP1106	1.1	1.5		375	16	5001238045	287.85
XKP1606	1.6	2.15		465	18	5001092033	354.35
XKP2206	2.2	2.95		515	19.5	5001097028	412.17



Dimension

Model	DN1	DN2	A (mm)	B (mm)
XKP606	48.5\50	48.5\50	214	518
XKP806			214	518
XKP906			214	518
XKP1106			214	518
XKP1606			250	548
XKP2206			250	548

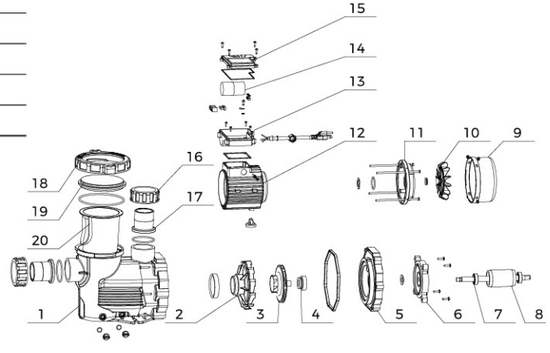
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump body	PP
2	Guide vane	PP
3	Impeller	PPO
4	Mechanical seal	
5	Bracket	PP
6	Front end cover	ADC12
7	Deep grove ball bearing	
8	Rotor	
9	Fan cover	PP
10	Fan	PP
11	End plate	ADC12
12	Stator	

No.	Part	Material
13	Cover box	ABS
14	Capacitor	
15	Terminal box cover	ABS
16	Adapter nut	ABS
17	Outlet connector	PVC
18	Pump cover nut	ABS
19	Pump cover	PC
20	Filter	PP



XKP Pool Pump





Application

- It is used for water circulation in all kinds of small domestic swimming pools. Slightly dirty water with solids in suspension can be perfectly filtered.

Pump

- Engineering plastic pump body
- Medium temperture: 5 - 50℃
- Environmental temperture: ≤40℃
- Max. suction: 6 m

Motor

- Motor with copper or aluminum winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX5
- Power cable: 1.5m with European plug

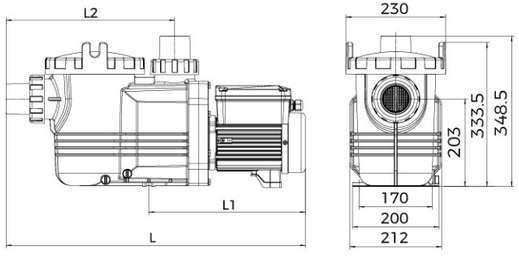
Identification Codes

XKP 220 7 BP

- BP — VFD Type
- 7 — 7th Generation
- 220 — Power (x10W)
- XKP — Swimming Pool Pump

Technical Data

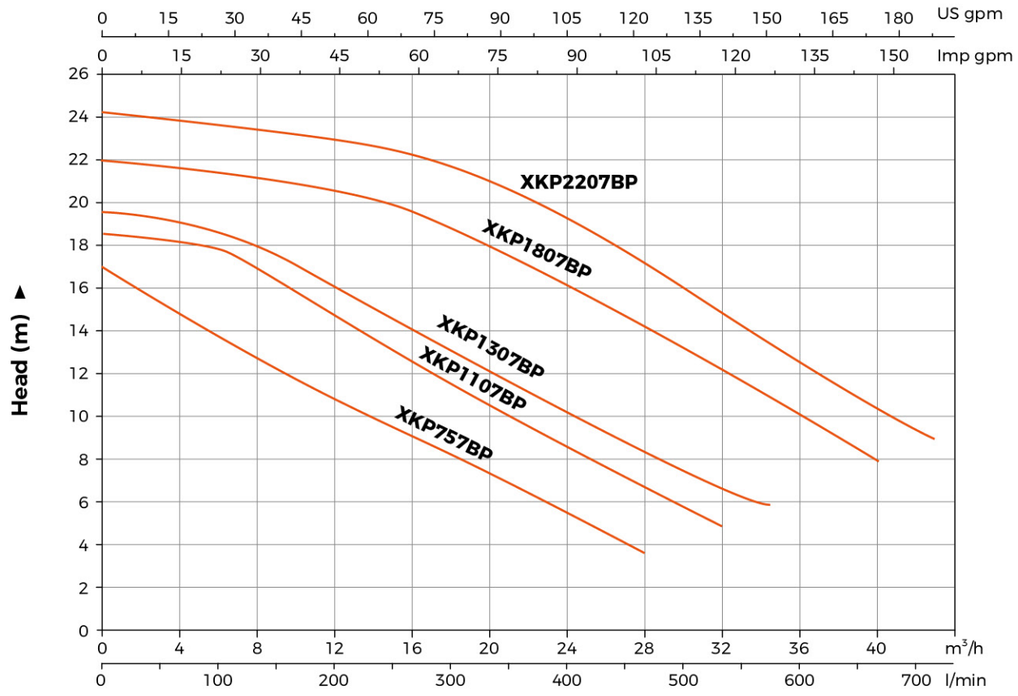
Model	Power		Voltage	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V	m³/h	m		€
XKP757BP	0.75	1	220-240	28	17	5022827011	596.34
XKP1107BP	1.1	1.5		32	18.5	5022825011	631.44
XKP1307BP	1.3	1.75		34.5	19.5	5022824009	635.57
XKP1807BP	1.8	2.41		40	22	5022823007	889.98
XKP2207BP	2.2	2.95		43	24	5022820013	892.87



Dimension

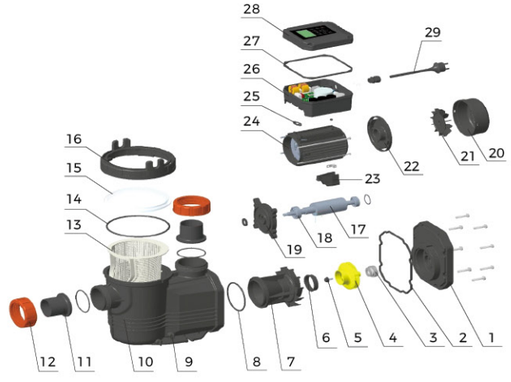
Model	DN1	DN2	L (mm)	L1 (mm)	L2 (mm)
XKP757BP	Standard: 60.3/63 Optional: 73/75	Standard: 60.3/63 Optional: 73/75	692.5	362.5	390
XKP1107BP					
XKP1307BP					
XKP1807BP					
XKP2207BP					

Hydraulic Performance Curves



Material Table

No.	Part	No.	Part
1	Pump support	16	Pump cover nut
2	Support gasket	17	Rotor
3	Mechanical seal	18	Ball bearing
4	Impeller	19	Front plate
5	Locking screw	20	Fan cover
6	Mouth ring	21	Fan
7	Guide vane	22	End plate
8	O-sealing ring	23	Support foot
9	Drain plug	24	Stator
10	Pump body	25	Cable gasket
11	Water outlet joint	26	Controller
12	Adapter nut	27	Cover gasket
13	Filter	28	Displayer
14	O-sealing ring	29	Power cable
15	Pump cover		



COMMERCIAL VERTICAL IN-LINE

LPP Vertical In-line Pump

LPP Vertical In-line Pump



Product Description

- This series of products are vertical single-stage pipeline centrifugal pumps
- Standard configuration: mechanical seal, standard motor
- The pump is a top pull-out design.During routine maintenance, the pump head (motor base and impeller) can be removed, Maintenance and overhaul without dismantling the pump body and piping on both sides
- The impeller optimizes the hydraulic design through the CFD fluid simulation analysis technology, and the hydraulic efficiency is higher
- The impeller adopts a double-port ring balance structure, which has less axial force and longer bearing life
- The shape is designed by the Italian professional shape team, the most advanced modular design concept
- The surface of the whole machine adopts the electrophoretic coating process, and the anti-corrosion effect is better

Scope of Application

- Max. Liquid temperature: +90˚C(Standard), +120˚C(Optional)
- Max. ambient temperature: + 40˚C
- Highest altitude: 1000 m
- Max. working pressure: 10bar / 16bar

Motor

- Fully enclosed air-cooled standard motor
- Class F insulation, Enclosures class IP55, safer operation and less noise. Equipped with a variety of power motors from 0.37kW to 200kW, users can choose the corresponding water pump according to different technical requirements to meet different system requirements

Flange

- All flanges can be used with methods in accordance with GB/T17241.6, EN1092-2 and ISO7005-2 standards flanged connection.

Liquid Requirements

Clean, thin, non-aggressive, non-flammable, explosive, and gas-free liquid that does not contain solid particles (particle size ≤ 0.2mm) and fibers, and the liquid cannot react chemically to the pump material.

Example of pumped liquid:

- The water quality in the heating system should meet the recognized water quality standards for the system
- Cooling system
- Domestic hot water system
- Industrial liquid
- Softened water

If the density or kinematic viscosity of the liquid being pumped is higher than that of water, it will cause:

- Stress is significantly reduced
- Decreased hydraulic properties
- Increased energy consumption

In these cases, a larger motor should be used

If the water contains mineral oil or chemicals, or if conveying other liquids than water, select the appropriate O-ring.

Identification Codes

LPP 80 - 35 - 15 / 2

- 2 — Number of Motor Poles
- 15 — Motor Rated Power (kW)
- 35 — Rated Head (m)
- 80 — Inlet/Outlet Diameter (mm)
- LPP — LEO Vertical In-line Pump

LPP Pumps Can Be Used In The Following Systems

- Heating system: heating cycle, boiler mixed flow, temperature mixed flow, intermittent heating, waste gas heat recovery, hybrid loop, domestic hot water circulation
- Air conditioning system: chilled water circulation
- Water supply system: filtration and transportation, pipeline pressurization
- Industrial production: flushing and cleaning systems, boiler feed water, cooling water circulation, water treatment systems, equipment supporting systems
- Fire Fighting System

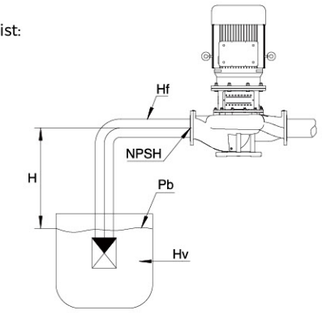
Minimum Inlet Pressure - NPSH

It is recommended to calculate the inlet pressure "H" when the following conditions exist:

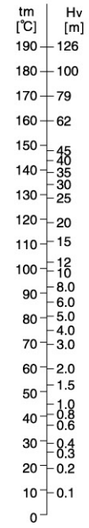
- High liquid temperature
- The flow is significantly greater than the rated flow
- Pump water from low
- Pumping water from long pipes
- Poor import conditions

To avoid cavitation, it is necessary to ensure a minimum pressure on the inlet side of the pump. The maximum suction height "H" can be calculated as follows:

- H=Pbx10.2-NPSH-Hf-Hv-Hs
- Pb is atmospheric pressure in bar
  (Can be set to 1bar, in closed system, Pb is system pressure)
- NPSH is the net positive suction head of the pump in m; the corresponding value at maximum flow can be read in the graph
- Hf is the suction line resistance loss in m (at the maximum flow of the pump)
- Hv is the vaporization pressure in m (can be read from the vaporization pressure gauge. Its value depends on the liquid temperature "tm")
- Hs is the minimum safety margin of 0.5m
  If the calculated "H" is positive, the pump can operate at a maximum suction height of "H"
  If the calculated "H" is negative, the pump requires a minimum "H" inlet pressure



NOTE: To avoid cavitation, the pump should be rated away from the right side of the NPSH curve. Always check the NPSH value of the pump at the highest possible flow



Estimation of Loss of Piping and Piping Accessories

Pipe Diameter (mm)	Flow(m^3/h)																							
	5	10	15	20	25	30																		
25	65.4													Brief table of friction loss of straight pipe (for estimation) Pipe 100m The number of meters of straight pipe loss is based on the new cast iron pipe, and the old pipe is doubled.									
38	6.7	26.7	60.1				40	50																
50	1.5	6.1	13.8	24.5					60	70														
65		1.5	3.4	6.1	9.5	13.7					80	90												
75		0.72	1.6	2.9	4.5	6.5	11.5						100	150										
100			0.36	0.64	1.0	1.4	2.6	4.0	5.7	7.8					200	250								
125				0.20	0.31	0.45	0.8	1.3	1.8	2.5	3.2						300	350						
150					0.12	0.18	0.31	0.49	0.71	0.96	1.3	1.6	2.0						400	450				
175						0.08	0.14	0.22	0.32	0.44	0.57	0.72	0.89	2.0	3.6	5.6					500	550		
200							0.07	0.11	0.16	0.22	0.29	0.36	0.45	1.0	1.8	2.8	4.0	5.5	7.2				600	700
250								0.04	0.05	0.07	0.09	0.12	0.14	0.32	0.58	0.90	1.3	1.8	2.3	2.9	3.6	4.4	5.2	
300										0.03	0.04	0.05	0.06	0.13	0.23	0.36	0.51	0.70	0.91	1.2	1.4	1.7	2.1	2.8

Maximum Flow Limit for A Certain Pipe Diameter

Pipe Dia. (mm)	Max. Flow (m^3/h)	Max. Flow Rate (m/s)
25	3.6	2.04
38	9	2.21
50	15	2.12
65	24	2.01
75	36	2.26
100	66	2.33
125	108	2.44

Pipe Dia. (mm)	Max. Flow (m^3/h)	Max. Flow Rate (m/s)
150	155	2.45
175	216	2.49
200	300	2.69
250	480	2.72
275	576	2.71
300	691	2.71
345	914	2.7

Note: Line losses increase significantly beyond this

The Straight Pipe Length of Each Valve And Elbow

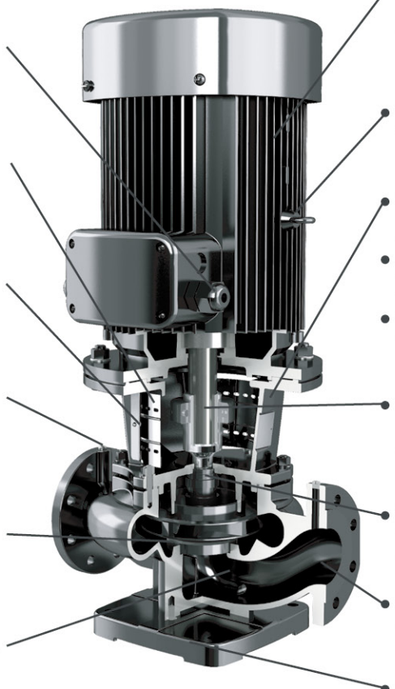
Type	Converted to Multiples of Pipe Diameter	Remark
Fully open gate valve	13	Doubles if not open
Standard elbow	25	
Check valve	100	
Foot valve	100	Partial blockage doubles

Note: For example, for a 100mm diameter pipe, the bottom valve equivalent to 100 times the diameter is equal to 100x100=10000mm=10m straight pipe length, assuming the flow rate is 8L/s, see the table above. If the straight pipe loses 1.3m per 100m, the loss of 10m is 0.13m, that is, when the flow rate of the bottom valve of 100m is 8L/s, the loss of lift is 0.13m.

Structural Features

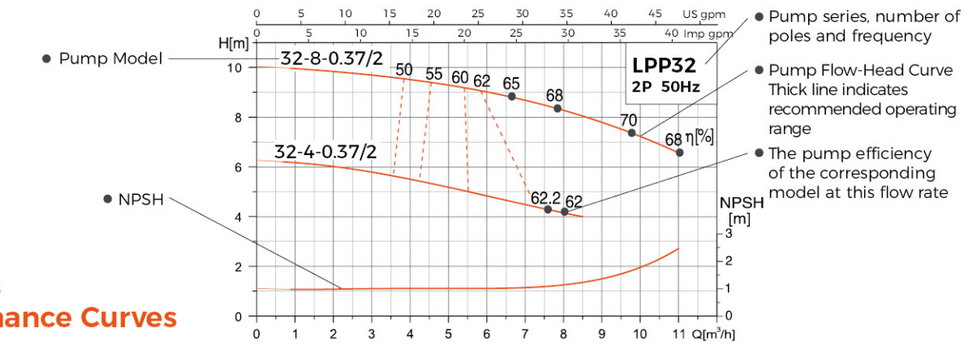
The surface of the whole machine adopts the electrophoretic coating process, and the anti-corrosion effect is better

- There are wiring caps on both sides of the electrical connection box; it is convenient for multi-directional wiring
- Stainless steel protective plates are installed on both sides of the motor base to protect the pump axis, making the operation safer;
- Equipped with a quick exhaust device to prevent the machine seal from running dry without water run;
- The inlet and outlet flanges of the pump body are provided with pressure measuring holes to facilitate detection and monitoring of inlet and outlet pressure;
- The impeller adopts a double-port ring balance structure, which has less axial force and longer bearing life;
- Optimize hydraulic design through CFD fluid simulation analysis technology, and the whole machine is highly efficient and energy-saving



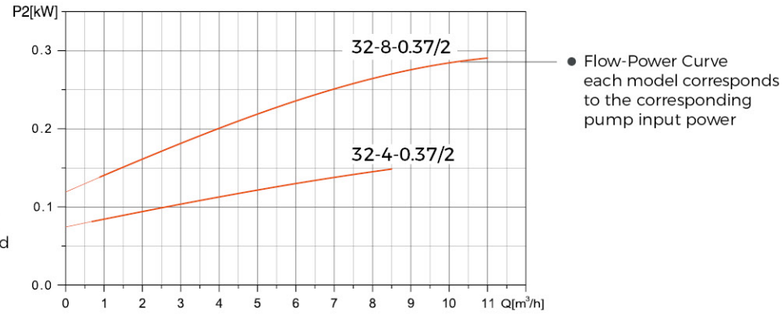
- Equipped with high-efficiency motor, F-class insulation, Enclosures class IP55. run more safely,Less noise. (Standard 3 energy efficiency, user can choose 2 energy efficiency)
- The lifting lugs are distributed on both sides of the motor, which is convenient for lifting and transportation;
- The heightened motor base design has better heat dissipation effect, so that the pump can withstand higher water temperature
- Both ends are provided with jacking holes, which are convenient and quick to disassemble the pump body and motor.
- The top pull-out design of the whole machine can be repaired without dismantling the pipeline
- Patented special pump shaft structure, more stable operation and quick disassembly; Anti-corrosion stainless steel pump shaft;
- The lengthened mechanical seal is adopted, the operation is more stable, and the sealing effect is better;
- Low inlet and outlet pump body design, convenient for pipeline installation
- Removable bottom plate design, the whole machine bears better load and has wider installation applicability

How to Read The Curve Charts

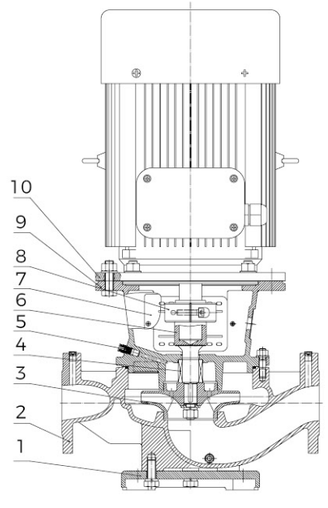


Guidelines to Performance Curves

- Curve tolerances are in accordance with ISO9906:2012, Class 3B
- All curves are based on 3x380V, motor measurements at constant speed 2900rpm, 2950rpm or 1480rpm.
- The medium used for the test is clean water at a temperature of 20°C, without any solid impurities and air.
- The use of the pump refers to the performance range of the bold curve to prevent overheating caused by too small flow and overloading of the motor caused by too much flow.
- If the density or viscosity of the liquid conveyed is greater than that of water, Motors with higher performance must be used.



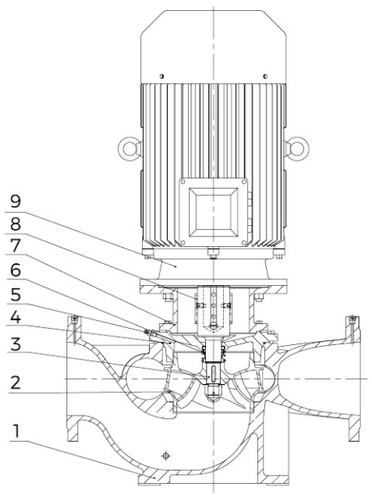
Material Table



No.	Part	Material
1	Base Plate	Cast iron
2	Pump Body	Cast iron/Ductle iron
3	Impeller	Cast iron/SS304
4	Mechanical Seal	
5	Vent Valve	Brass
6	Pump Shaft	SS304+C45
7	Guard Plate	SS304
8	Lock Ring	C45 steel
9	Motor Base	Cast iron/Ductle iron
10	Motor	

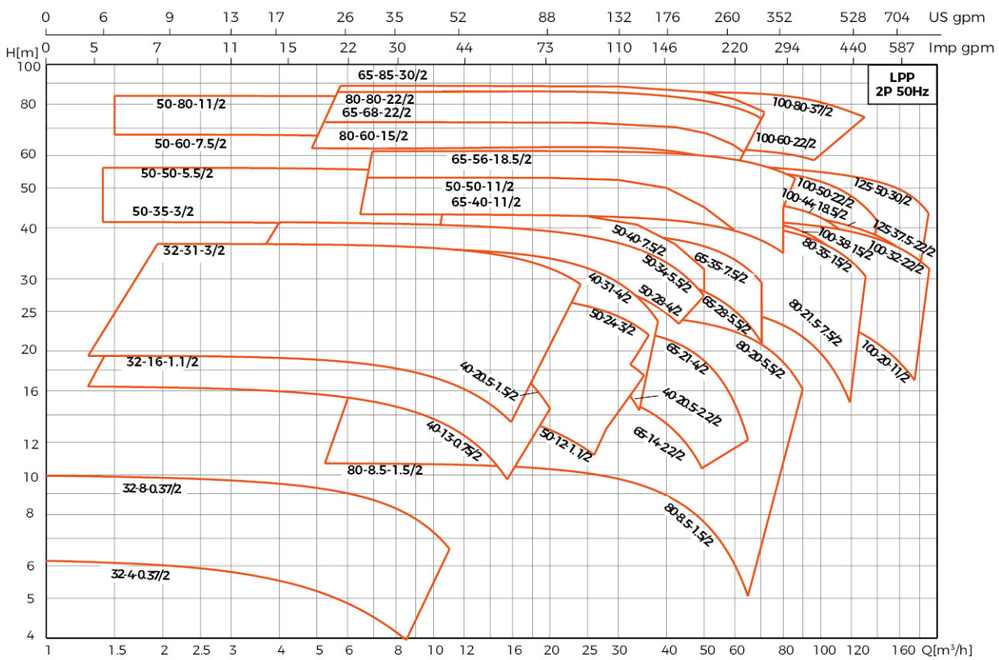
LPP Vertical In-line Pump

Material Table

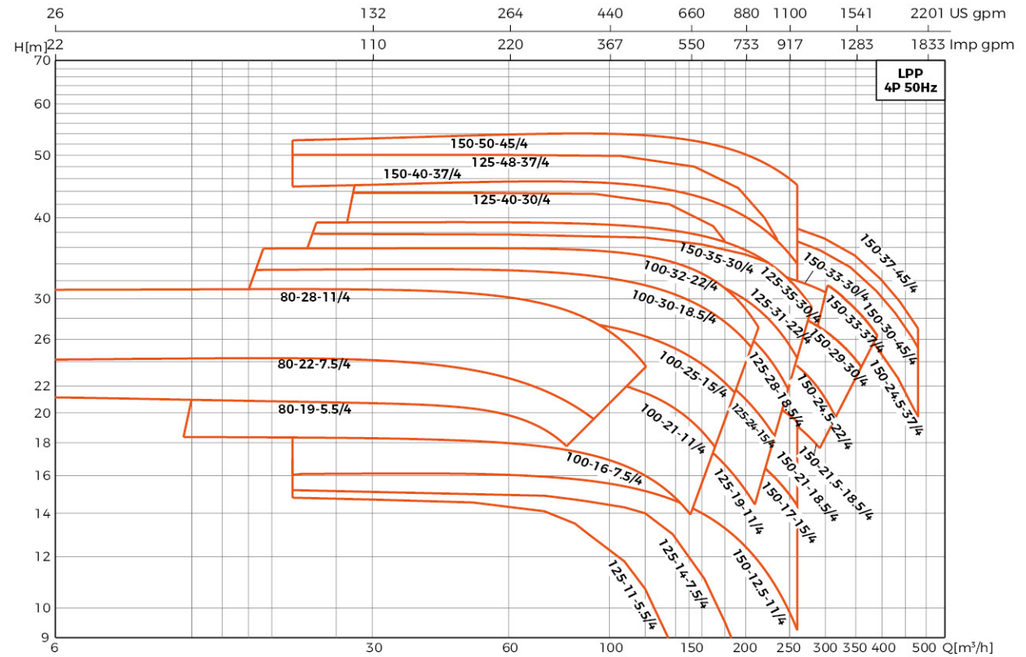


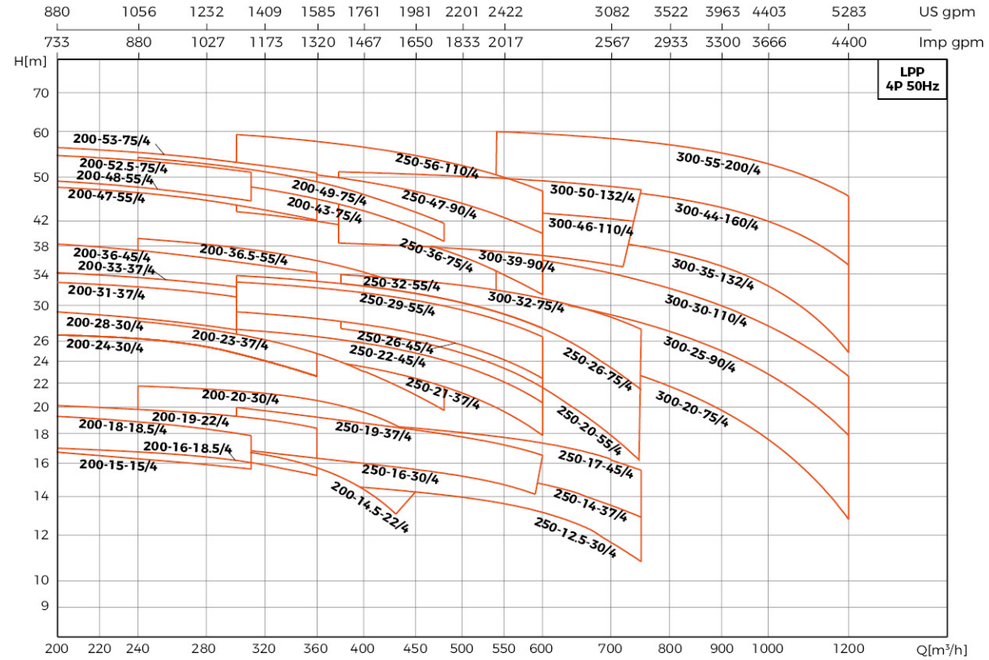
No.	Part	Material
1	Pump Body	Cast iron/Ductile iron
2	Impeller	Cast iron/SS304
3	Pump Shaft	SS304+C45
4	Pump Cover	
5	Vent Valve	Brass
6	Mechanical Seal	
7	Connection Frame	
8	Guard Plate	SS304
9	Motor	

Hydraulic Performance Curves



Hydraulic Performance Curves





LPP Vertical In-line Pump

Technical Data

Model	Power	Voltage	Rated Speed	Rated Flow	Rated Head	Max. Flow	Max. Head	NPSHc	Part No.	Price
	kW	V	r/min	m^3/h	m	m^3/h	m	m		€
LPP32-8-0.37/2*	0.37		2900	8.5	8	11	10	2	5067892001	449.6
LPP32-4-0.37/2*	0.37		2900	7.5	4	8.5	6	2	5067901001	449.71
LPP32-31-3/2	3		2900	20	31	24	37	2	5067908001	1,106.75
LPP32-26-2.2/2	2.2		2900	18	26	21	32	2	5067920001	957.94
LPP32-21-1.5/2	1.5		2900	14	21	18.5	26	2	5067929001	916.28
LPP32-16-1.1/2	1.1		2900	12	16	16	20	2	5067939001	837.17
LPP32-50-5.5/2	5.5		2900	12.5	50	20	53.5	2.5	5067948001	1,796.82
LPP32-40-4/2	4		2900	12.5	40	20	46	2.5	5067960001	1,295.19
LPP40-20.5-1.5/2	1.5		2900	12	20.5	20	25	2	5067971001	924.66
LPP40-17.5-1.1/2	1.1		2900	12	17.5	18	21	2	5067982001	844.82
LPP40-13-0.75/2	0.75		2900	10	13	15.5	16.5	2	5067992001	816.03
LPP40-31-4/2	4		2900	26	31	38	35	2	5068005001	1,287.89
LPP40-24.5-3/2	3		2900	24	24.5	36	28	2	5068015001	1,124.07
LPP40-20.5-2.2/2	2.2		2900	23	20.5	35	25	2	5068023001	977.61
LPP50-24-3/2	3		2900	30	24	36	29	2	5049479002	1,145.95
LPP50-21-2.2/2	2.2		2900	24	21	35	25	2	5068040001	999.1
LPP50-16-1.5/2	1.5		2900	22	16	32	19	2	5068047001	958.6
LPP50-12-1.1/2	1.1		2900	20	12	26	15	2	5068056001	879.08
LPP50-34-5.5/2	5.5		2900	35	34	50	42	2	5068071001	1,833.22
LPP50-28-4/2	4	400	2900	30	28	43	33	2	5068077001	1,330.29
LPP50-50-11/2	11		2900	40	50	60	53.3	3.2	5073779001	3,288.19
LPP50-40-7.5/2	7.5		2900	35	40	50	43.7	2.8	5073769001	2,070.78
※LPP50-50-5.5/2	5.5		2900	12.5	50	26	54	5	5068085001	1,819.16
※LPP50-40-4/2	4		2900	12.5	40	26	42	5	5068094001	1,318.05
※LPP50-35-3/2	3		2900	12.5	35	20	40	5	5068103001	1,152.51
LPP50-80-11/2	11		2950	12.5	80	26	81.5	2.5	5068111001	2,785.33
LPP50-70-7.5/2	7.5		2950	12.5	70	20	73	2.5	5068122001	2,379.81
LPP50-60-7.5/2	7.5		2950	12.5	60	20	63	2.5	5068132001	2,378.83
LPP50-81-22/2	22		2950	50	81	59	88	4.8	5068142001	4,216.81
LPP50-70-18.5/2	18.5		2950	50	70	59	78	4.8	5068153001	3,580.28
LPP50-60-15/2	15		2950	50	60	59	67	4.8	5068162001	3,354.25
※LPP65-35-7.5/2	7.5		2900	55	35	70	39	2.5	5068171001	2,025.62
※LPP65-28-5.5/2	5.5		2900	50	28	70	30	2.5	5049488002	1,891.95
※LPP65-21-4/2	4		2900	45	21	60	24	2.5	5068189001	1,411.11
※LPP65-17-3/2	3		2900	40	17	56	20	2.5	5068196001	1,248.73
※LPP65-14-2.2/2	2.2		2900	35	14	50	17	2	5068200001	1,087.39
※LPP65-56-18.5/2	18.5		2950	70	56	86	61	3	5068208001	3,453.73
※LPP65-49-15/2	15		2950	65	49	80	53	3	5068212001	3,093.9
※LPP65-40-11/2	11		2950	56	40	80	43	2.5	5068218001	2,890.66
※LPP65-51-7.5/2	7.5		2950	25	51	40	54	2.5	5067367001	1,985.79

LPP32-8-0.37/2 & LPP32-4-0.37/2 can't be equipped with base plate

Technical Data

Model	Power	Voltage	Rated Speed	Rated Flow	Rated Head	Max. Flow	Max. Head	NPSHc	Part No.	Price
	kW	V	r/min	m^3/h	m	m^3/h	m	m		€
※LPP65-40-5.5/2	5.5		2950	25	40	40	44	2.5	5067371001	1,941.78
LPP65-85-30/2	30		2950	50	85	90	87.1	3.2	5073739001	4,966.53
LPP65-68-22/2	22		2900	50	68	80	74.9	2.8	5073728001	5,192.41
※LPP80-20-5.5/2	5.5		2900	70	20	90	25	3.5	5067380001	1,912.61
※LPP80-17-4/2	4		2900	64	17	79	21	3.2	5067391001	1,427.38
※LPP80-14-3/2	3		2900	55	14	75	17	3	5067402001	1,267.94
※LPP80-10.5-2.2/2	2.2		2900	52	10.5	70	14	3	5067411001	1,106.43
※ LPP80-8.5-1.5/2	1.5		2900	45	8.5	65	10.5	3	5067420001	1,067.3
※LPP80-35-15/2	15		2950	110	35	130	42	4.5	5067430001	3,087.97
※LPP80-28-11/2	11		2950	100	28	125	35	4.5	5067439001	2,883.44
※LPP80-21.5-7.5/2	7.5		2950	90	21.5	119	28	4	5050246002	2,399.93
※LPP80-80-22/2	22		2950	50	80	70	86	2.8	5067458001	4,626.29
※LPP80-70-18.5/2	18.5		2950	45	70	65	75	2.8	5067469001	3,850.17
※LPP80-60-15/2	15		2950	40	60	60	63	2.8	5067477001	3,501.91
※LPP100-32-22/2	22		2950	170	32	190	43	6.5	5067483001	4,496.2
※LPP100-30-18.5/2	18.5		2950	160	30	179	38	6.5	5062755002	3,722.85
※LPP100-24-15/2	15		2950	150	24	180	31	6.5	5067509001	3,377.75
※LPP100-20-11/2	11		2950	135	20	175	28	6.5	5050243002	3,176.83
※LPP100-50-22/2	22		2950	100	50	140	56	3.5	5067532001	4,549.01
※LPP100-44-18.5/2	18.5	400	2950	90	44	140	47	3.5	5067544001	3,772.86
※LPP100-38-15/2	15		2950	85	38	130	43	3.5	5067555001	3,424.63
※LPP100-80-37/2	37		2950	100	80	130	86	3.5	5067567001	6,239.13
※LPP100-70-30/2	30		2950	90	70	120	76	3.5	5067577001	6,043.61
※LPP100-60-22/2	22		2950	80	60	96	64	3.5	5067594001	4,806.74
LPP100-35-15/2	15		2950	110	35	130	42	4	5067601001	3,274.03
LPP100-28-11/2	11		2950	100	28	125	35	4	5067616001	3,207.79
LPP100-21.5-7.5/2	7.5		2950	90	21.5	120	28	4	5067628001	2,638.51
※LPP125-50-30/2	30		2950	160	50	190	58	5.5	5067639001	6,175.45
※LPP125-44-30/2	30		2950	150	44	190	52	5.5	5067650001	6,175.45
※LPP125-37.5-22/2	22		2950	135	37.5	180	45	5.5	5067662001	4,919.96
※LPP80-28-11/4	11		1480	90	28	120	31	2	5067673001	3,541.99
※LPP80-22-7.5/4	7.5		1480	80	22	100	24	2	5047293002	3,235.88
※LPP80-19-5.5/4	5.5		1480	68	19	80	21.5	2	5067697001	3,056.87
※LPP100-32-22/4	22		1480	170	32	213	36	2	5067703001	5,138.27
※LPP100-30-18.5/4	18.5		1480	160	30	208	33	2	5067715001	4,859.16
※LPP100-25-15/4	15		1480	155	25	186	28	2	5067728001	4,070.24
※LPP100-21-11/4	11		1480	130	21	170	23	2	5067736001	3,796.1
※LPP100-16-7.5/4	7.5		1480	115	16	150	19	2	5067747001	3,490.48
※LPP125-35-30/4	30		1480	200	35	279	40	2.5	5067759001	6,671.72
※LPP125-31-22/4	22		1480	170	31	260	34	2	5067762001	5,817.93

Note: The mark "※" means SS304 Impeller optional.

LPP Vertical In-line Pump

Technical Data

Model	Power	Voltage	Rated Speed	Rated Flow	Rated Head	Max. Flow	Max. Head	NPSHc	Part No.	Price
	kW	V	r/min	m^3/h	m	m^3/h	m	m		€
※LPP125-28-18.5/4	18.5	400	1480	155	28	249	30	2	5067774001	5,540.92
※LPP125-24-15/4	15		1480	140	24	230	27	2	5067789001	4,754.42
※LPP125-19-11/4	11		1480	125	19	209	22	2	5050244002	4,482.81
LPP125-48-37/4	37		1480	160	48	240	50.8	3.2	5073776001	7,361.58
LPP125-40-30/4	30		1480	160	40	200	43.6	2.8	5073768001	6,403.34
LPP125-14-7.5/4	7.5		1480	120	14	160	16.7	3.2	5073757001	3,115.92
LPP125-11-5.5/4	5.5		1480	120	11	160	14.8	2.8	5073748001	2,827.27
LPP125-8-4/4	4		1480	100	8	140	10	2.4	5074710001	2,361.4
※LPP150-50-45/4	45		1480	200	50	260	52	2	5067896002	9,602.74
※LPP150-40-37/4	37		1480	200	40	260	44	2	5067906002	9,189.4
※LPP150-33-37/4	37		1480	300	33	390	37	3.5	5067816001	8,115.93
※LPP150-29-30/4	30		1480	280	29	360	32	3.5	5061593002	6,906.09
※LPP150-24.5-22/4	22		1480	250	24.5	324	28	3	5067870001	6,053.11
※LPP150-21.5-18.5/4	18.5		1480	230	21.5	290	23	3	5067881001	5,777.05
※LPP150-33-30/4	30		1480	200	33	300	36	3.5	5067838001	6,906.86
※LPP150-25-22/4	22		1480	200	25	260	28	3.5	5067858001	6,053.57
LPP150-35-30/4	30		1480	200	35	260	37.8	2.2	5073726001	6,470.31
※LPP150-25-30/4	30		1480	300	25	360	31	4.1	5067849001	6,913.11
※LPP150-21-18.5/4	18.5		1480	200	21	260	24	3	5067917001	5,444.11
※LPP150-17-15/4	15		1480	200	17	260	20	3	5067926001	4,651.89
※LPP150-12.5-11/4	11		1480	200	12.5	260	16	3	5067935001	4,373.86
LPP150-37-45/4	45		1480	300	37	480	40.9	3	5073735001	8,256.26
LPP150-24.5-37/4	37		1480	400	24.5	480	34.3	5.2	5073746001	7,736.74
LPP150-30-45/4	45		1480	400	30	480	39.1	5.2	5073756001	8,395.96
LPP200-53-75/4	75		1480	300	53	360	59.2	3.4	5073734001	15,501.81
LPP200-48-55/4	55		1480	260	47.3	310	52.1	4	5073724001	12,635.9
LPP200-33-37/4	37		1480	260	33.1	310	35.8	3.3	5073778001	9,462.55
LPP200-28-30/4	30		1480	260	28.1	310	30.3	3.7	5073767001	8,603.47
LPP200-18-18.5/4	18.5		1480	260	18.2	18.2	20.5	3.5	5068050002	6,442.61
LPP200-15-15/4	15		1480	260	15	300	17.5	3.8	5068059002	5,627.39
LPP200-52.5-75/4	75		1480	260	52.8	310	58.1	4.2	5073736001	17,615.57
LPP200-47-55/4	55		1480	300	47	330	53	4.2	5073723001	12,635.9
LPP200-36-45/4	45		1480	300	36	360	39.4	4	5073777001	9,947.6
LPP200-31-37/4	37		1480	300	31	360	34.1	3.2	5073766001	9,353.04
LPP200-24-30/4	30		1480	300	24.8	20	12.6	4	5073759001	8,712.97
LPP200-19-22/4	22		1480	300	19.3	360	22.2	4.1	5073747001	6,572.91
LPP200-16-18.5/4	18.5		1480	300	16.3	360	18.9	3.9	5073751001	6,323.32
LPP200-49-75/4	75		1480	400	49	480	58.1	4.5	5073753001	17,615.57
LPP200-43-75/4	75		1480	400	43.2	480	54.7	4.4	5073744001	17,615.57
LPP200-36.5-55/4	55		1480	400	36.5	480	41	4.5	5073738001	11,785.62

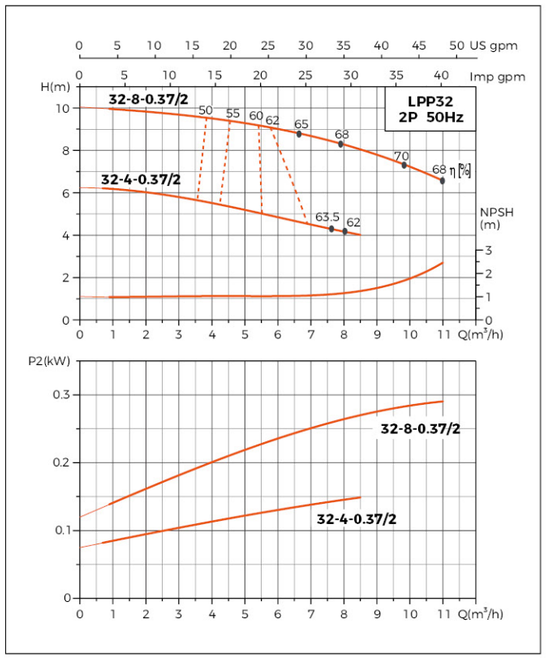
Note: The mark "※" means SS304 Impeller optional.

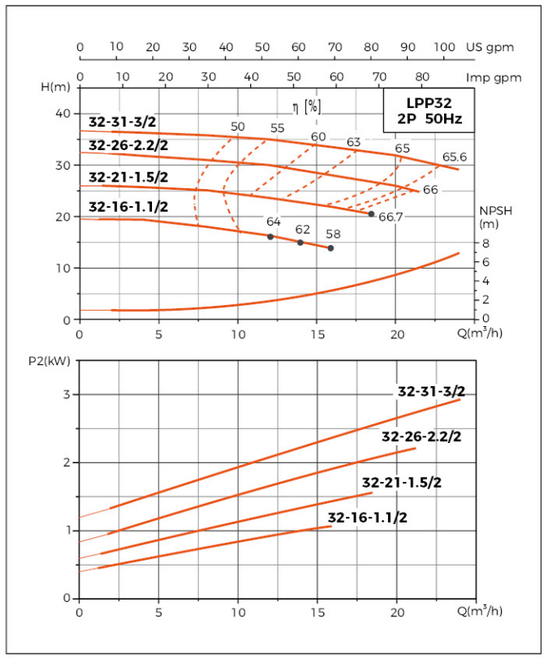
Technical Data

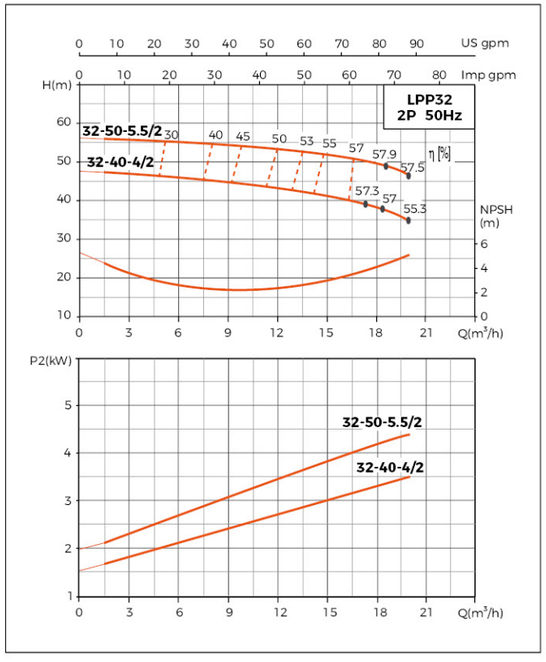
Model	Power	Voltage	Rated Speed	Rated Flow	Rated Head	Max. Flow	Max. Head	NPSHc	Part No.	Price
	kW	V	r/min	m^3/h	m	m^3/h	m	m		€
LPP200-30-45/4	45	400	1480	400	30	480	36.7	4.8	5073721001	9,947.6
LPP200-27-45/4	45		1480	400	27	480	34.1	4.8	5073775001	9,947.6
LPP200-23-37/4	37		1480	400	23.1	480	30.3	4.4	5068087002	9,641.1
LPP200-20-30/4	30		1480	400	20.2	480	24.3	4.5	5073765001	7,624.57
LPP200-14.5-22/4	22		1480	400	14.5	480	19.5	4.3	5073758001	6,572.91
LPP250-56-110/4	110		1480	500	56	600	67.3	3.9	5073737001	29,479.24
LPP250-47-90/4	90		1480	500	47	560	58.1	3.7	5073729001	19,311.2
LPP250-36-75/4	75		1480	500	36.5	600	48.5	3.6	5073774001	18,391.98
LPP250-29-55/4	55		1480	500	29.4	600	34.4	3.1	5073764001	12,648.53
LPP250-22-45/4	45		1480	500	22.5	600	28.8	3.3	5073754001	10,807.84
LPP250-32-55/4	55		1480	500	32.3	600	35.3	3.1	5073722001	12,648.53
LPP250-26-45/4	45		1480	500	25.8	600	30.8	4.2	5073773001	10,807.84
LPP250-21-37/4	37		1480	500	21.2	600	26.5	3.2	5073763001	10,322.41
LPP250-19-37/4	37		1480	480	19	600	22.9	3.4	5073745001	9,877.54
LPP250-16-30/4	30		1480	500	16	590	19.8	3.9	5073731001	8,801.41
LPP250-26-75/4	75		1480	630	26.2	750	35.3	3.8	5073720001	17,813.86
LPP250-20-55/4	55		1480	630	20.3	750	30	4.1	5073780001	12,648.53
LPP250-17-45/4	45		1480	630	17.1	750	21.9	4.3	5073771001	10,362.59
LPP250-14-37/4	37		1480	630	14.4	750	18.8	4.1	5073760001	9,877.54
LPP250-12.5-30/4	30		1480	630	12.9	750	17.4	4	5073749001	8,801.41
LPP300-50-132/4	132		1480	630	50	750	53	4.8	5073762001	32,772.3
LPP300-46-110/4	110		1480	630	46	700	49.9	4.6	5073752001	30,859.39
LPP300-39-90/4	90		1480	630	39.2	720	42.1	4.9	5073741001	20,727.7
LPP300-32-75/4	75		1480	600	32	750	34.9	5	5073730001	18,308.52
LPP300-55-200/4	200		1480	900	55	1200	60.9	5.5	5073770001	39,624.36
LPP300-44-160/4	160		1480	900	44.3	1200	52	5.6	5073761001	36,447.57
LPP300-35-132/4	132		1480	900	35.1	1200	43.1	5.5	5073750001	32,772.3
LPP300-30-110/4	110		1480	900	30	1200	38.8	5.3	5073740001	29,397.75
LPP300-25-90/4	90		1480	900	25.2	1200	34.9	5.1	5073719001	19,228.13
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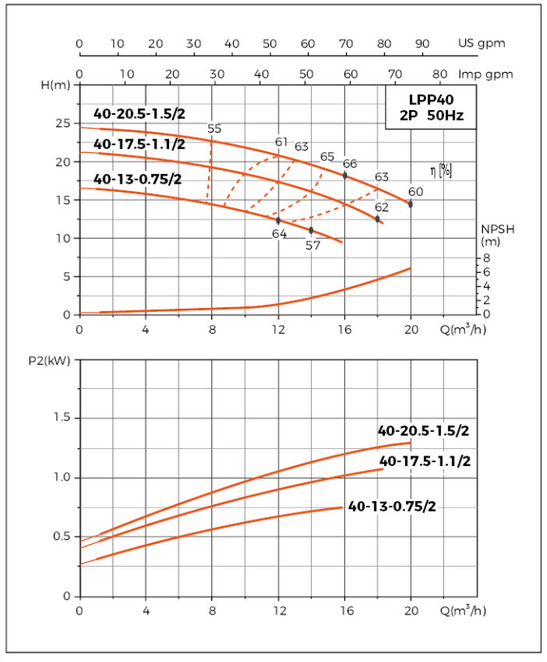
LPP Vertical In-line Pump

Hydraulic Performance Curves

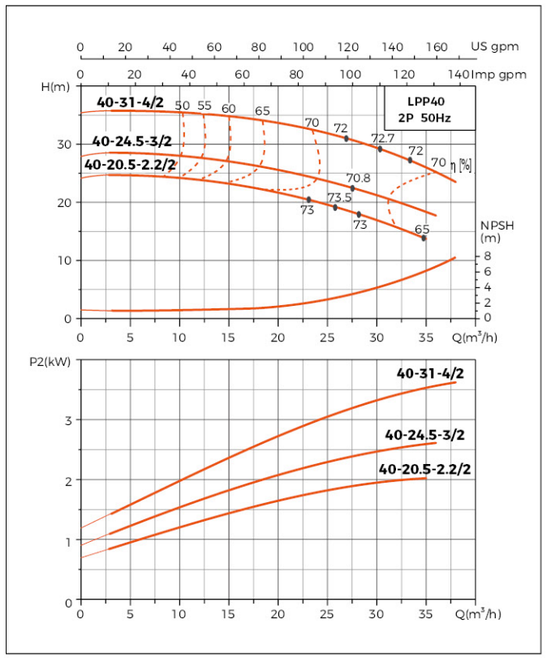


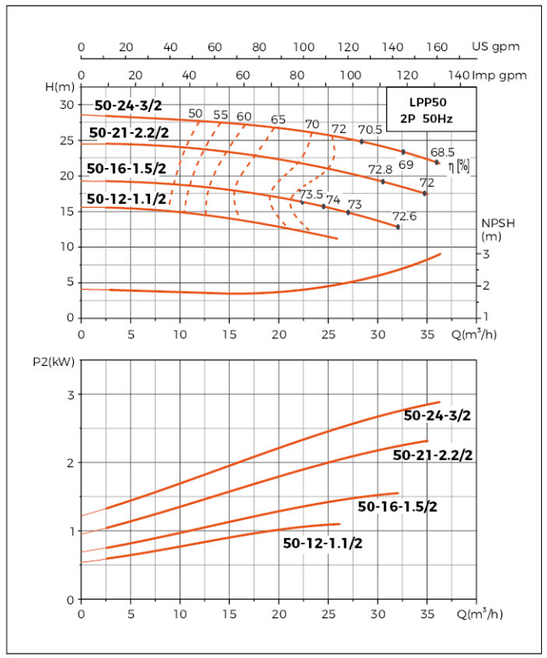


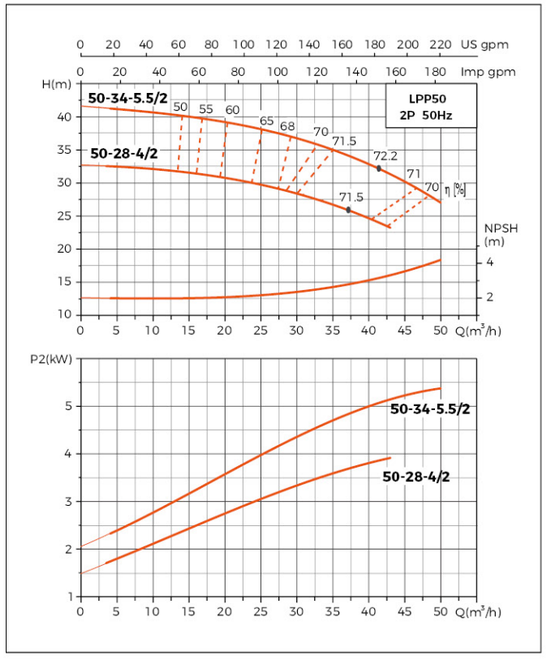


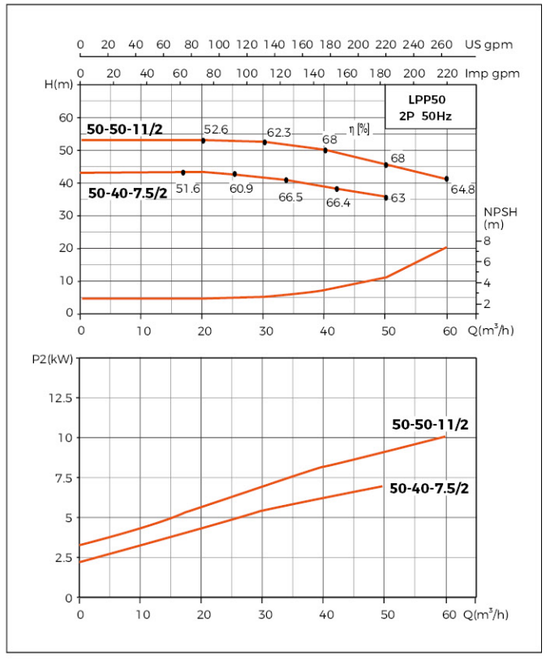


Hydraulic Performance Curves

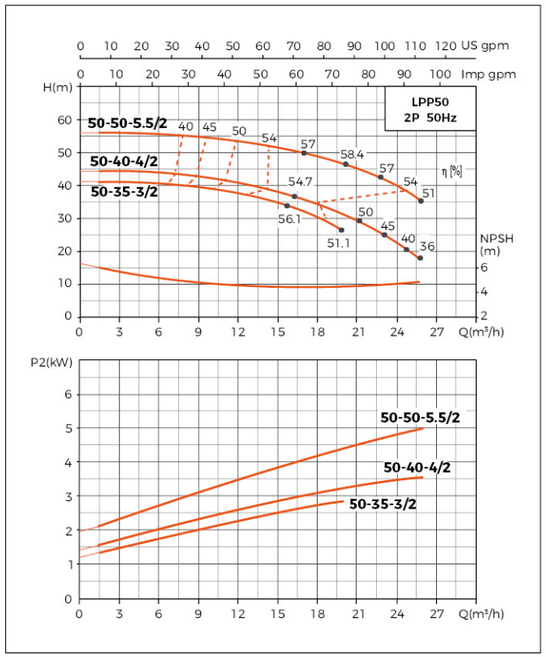


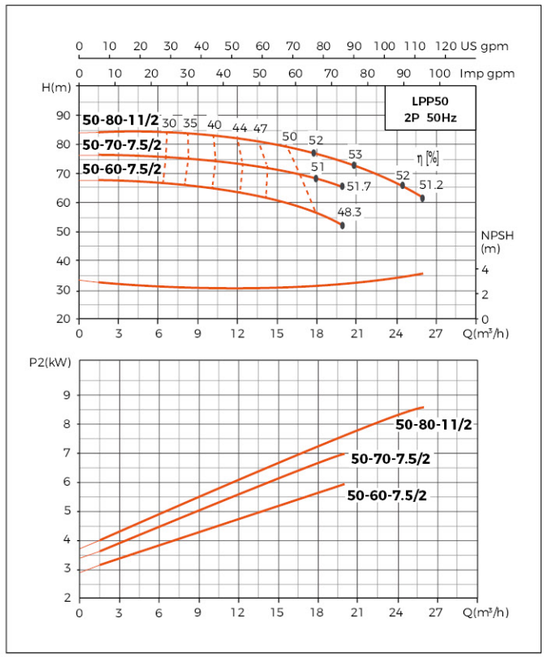


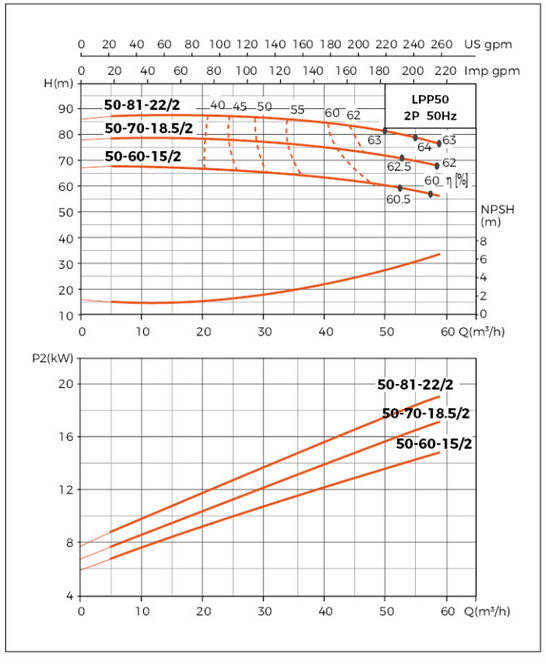


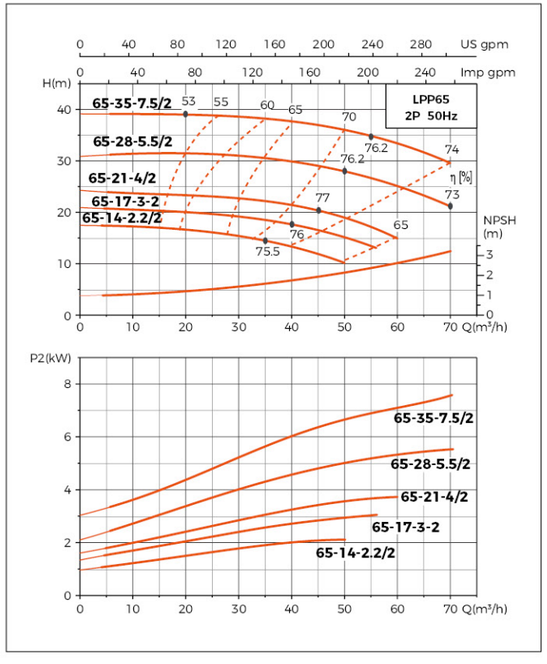


Hydraulic Performance Curves

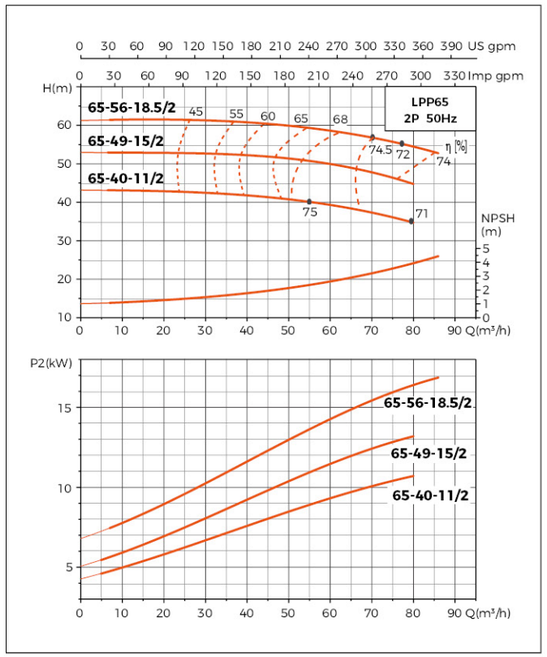


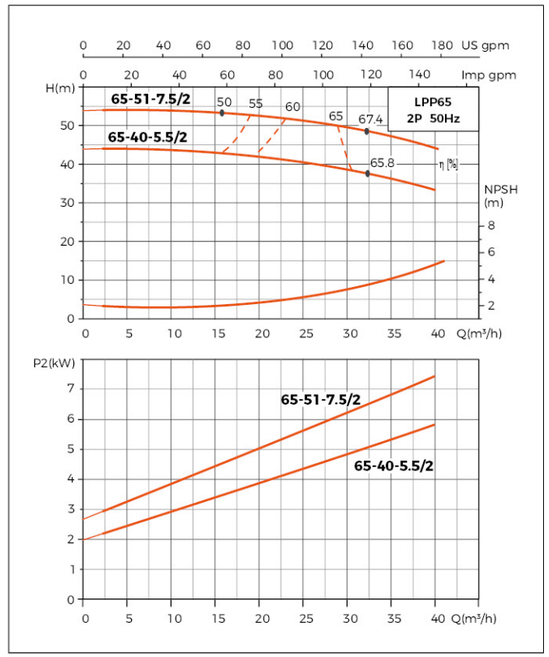


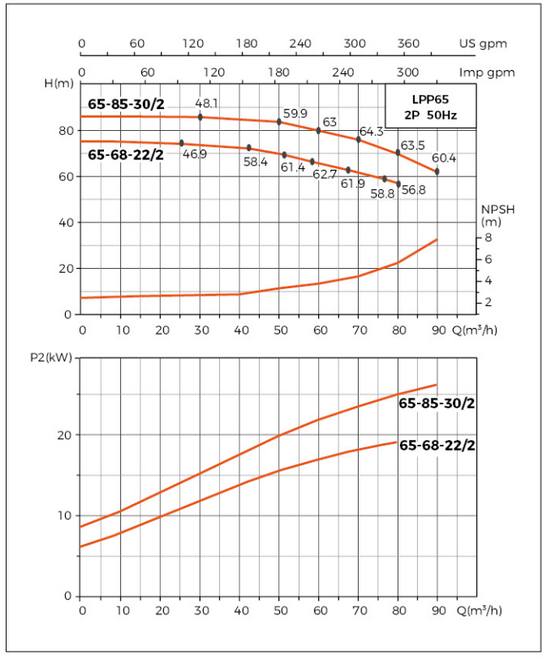


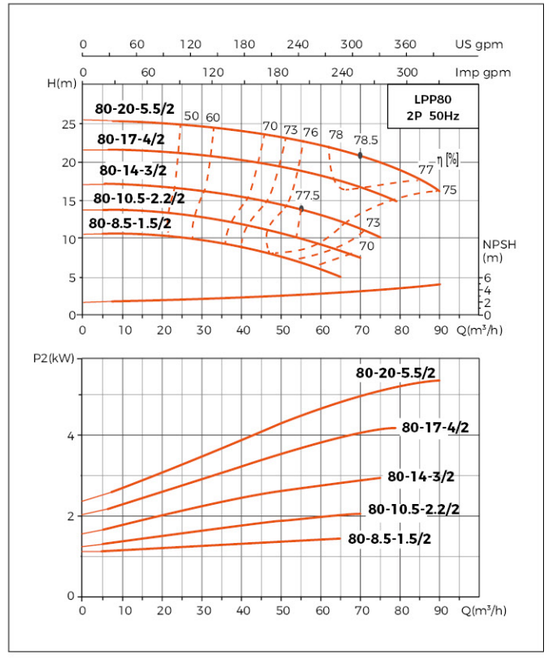


Hydraulic Performance Curves

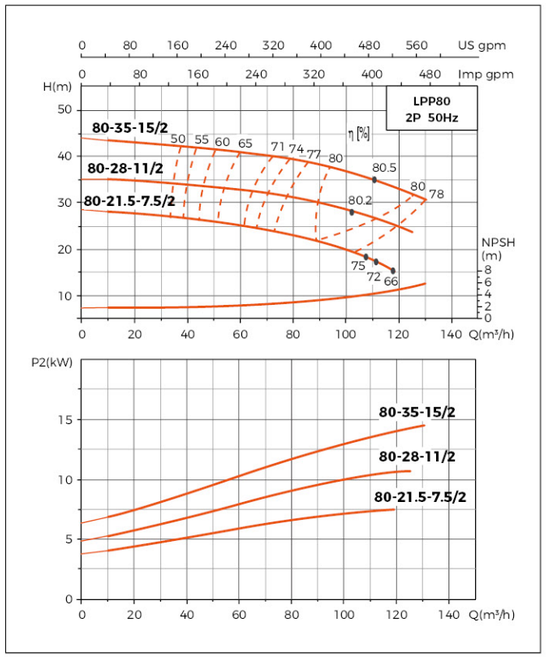


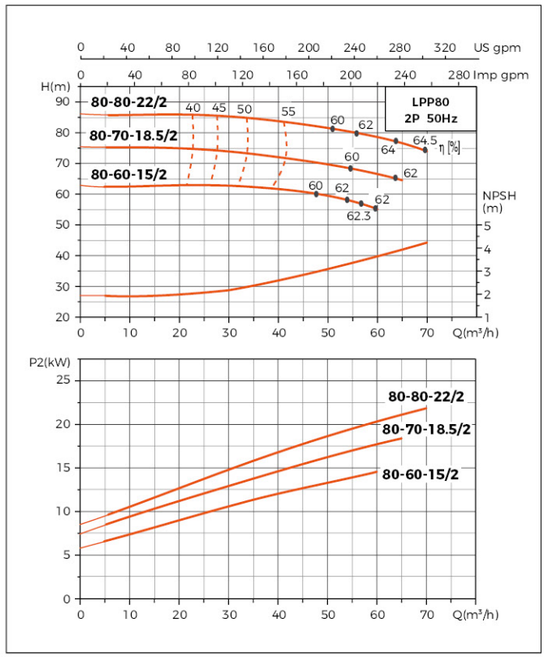


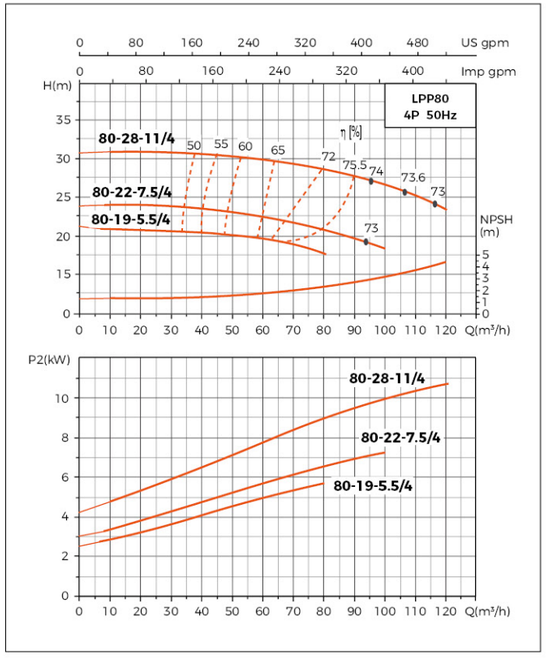


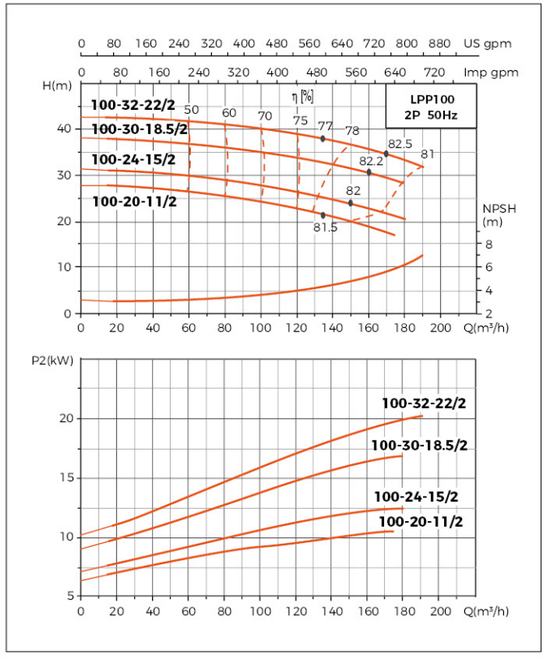


Hydraulic Performance Curves

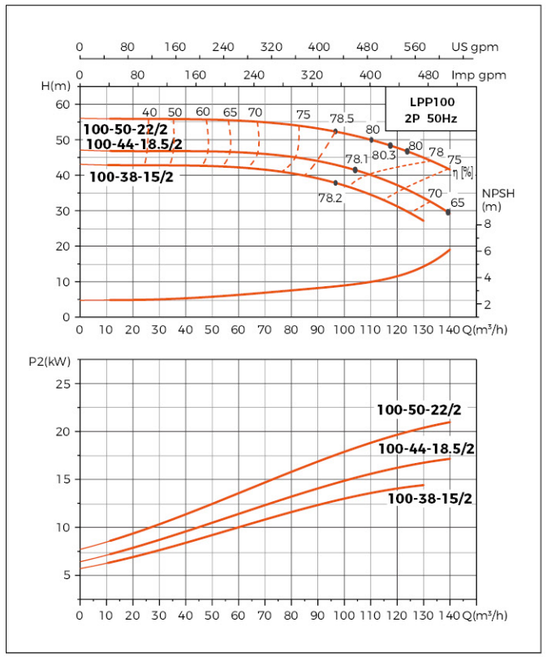


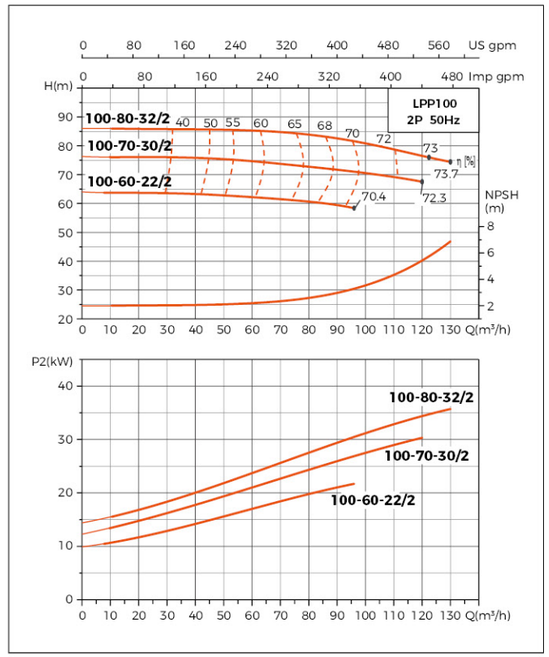


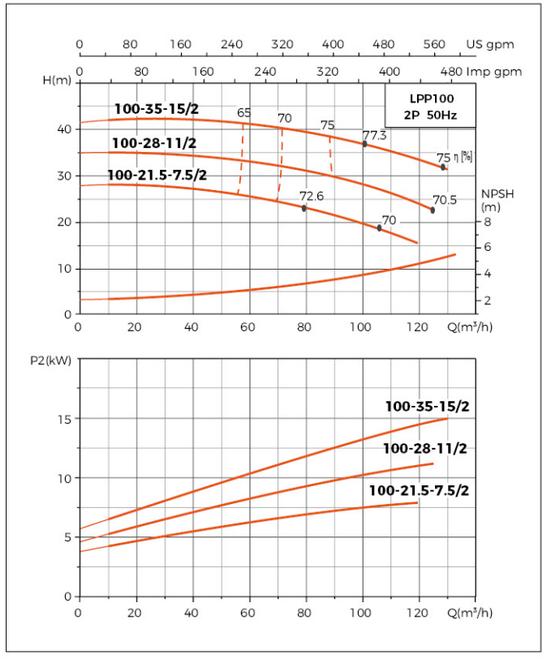


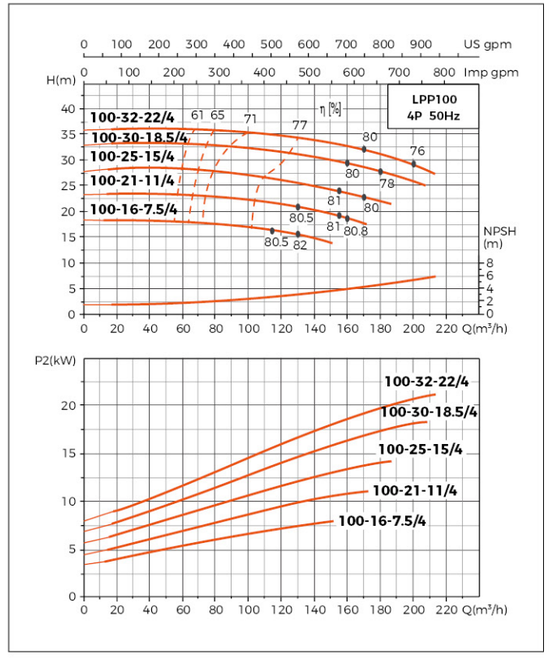


Hydraulic Performance Curves

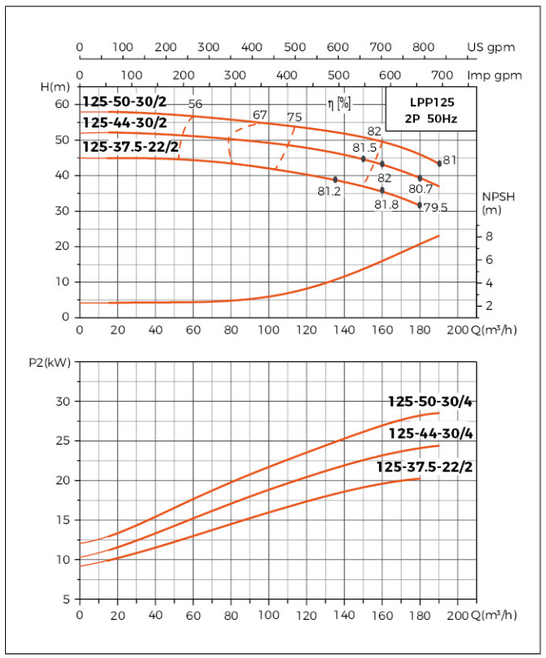


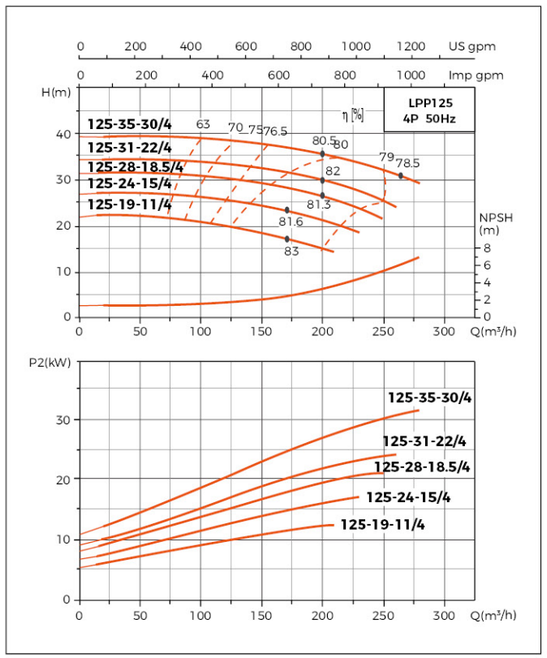


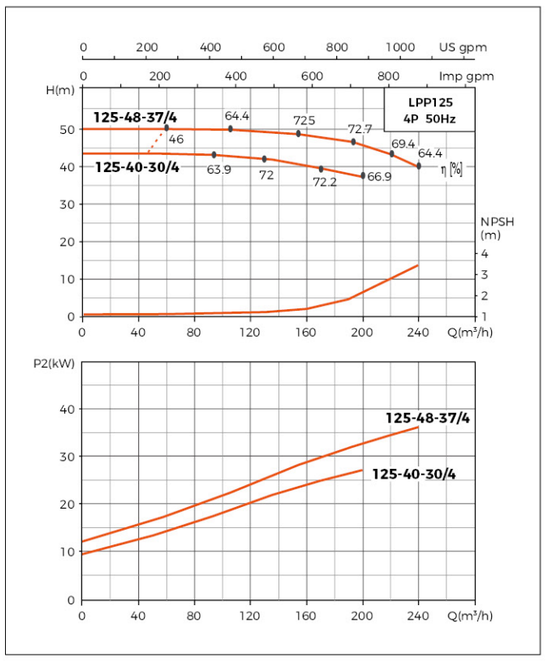


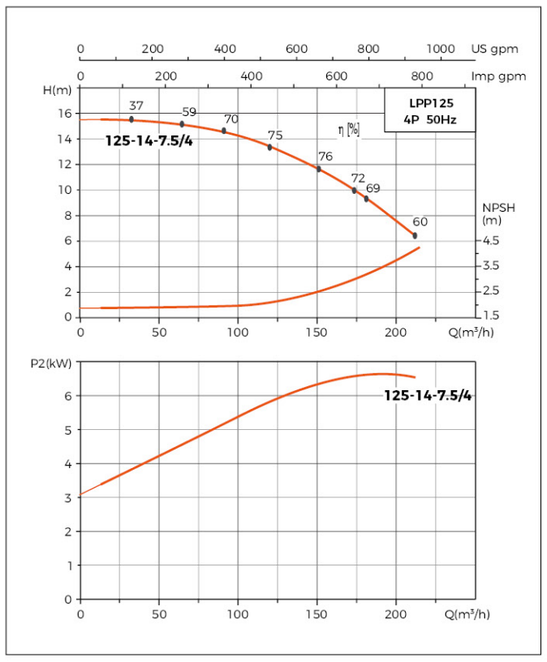


Hydraulic Performance Curves

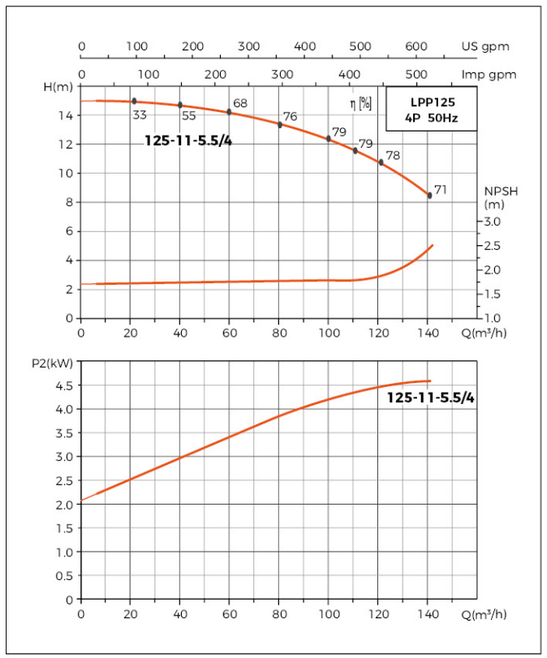


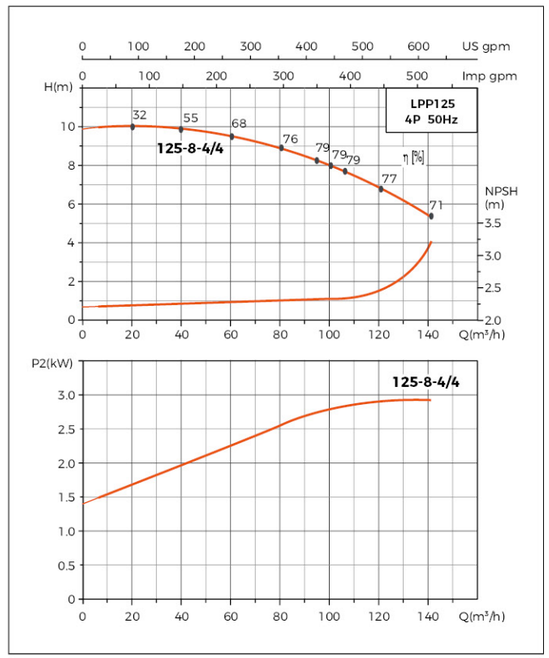


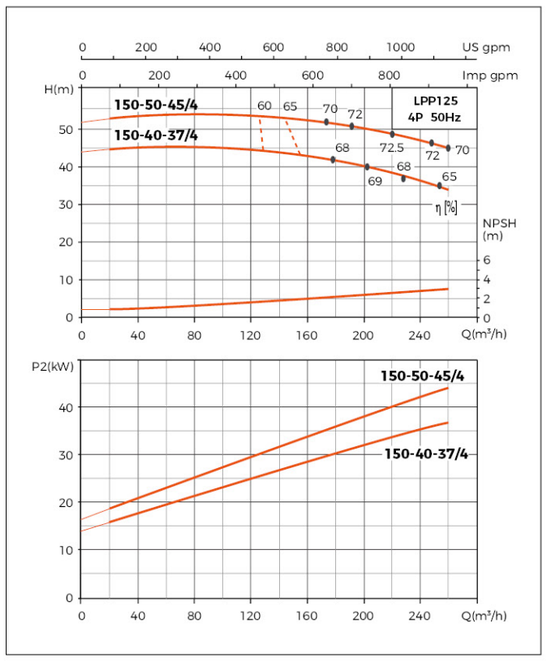


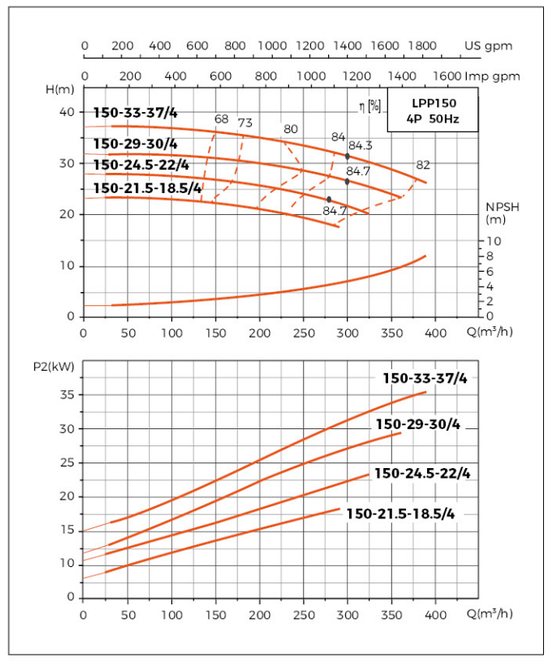


Hydraulic Performance Curves

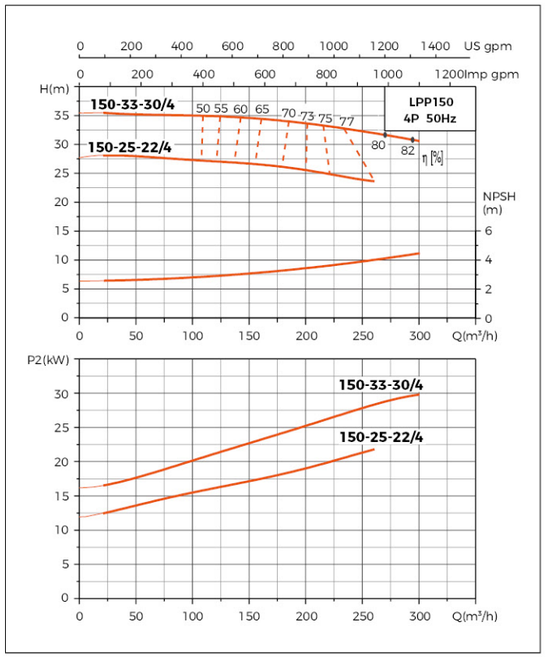


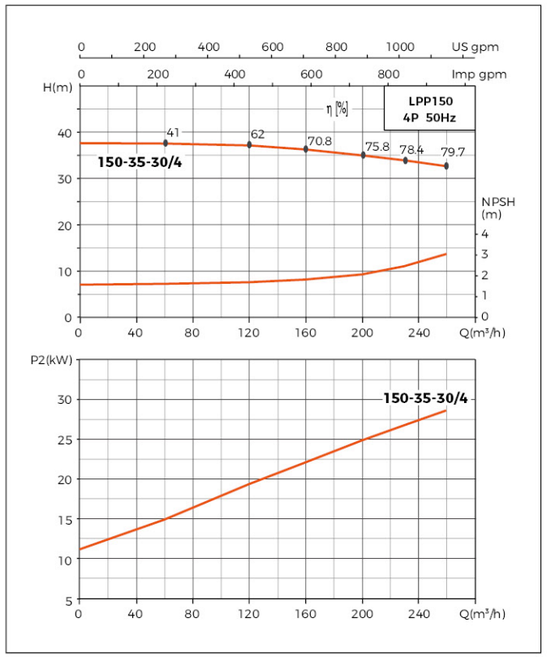


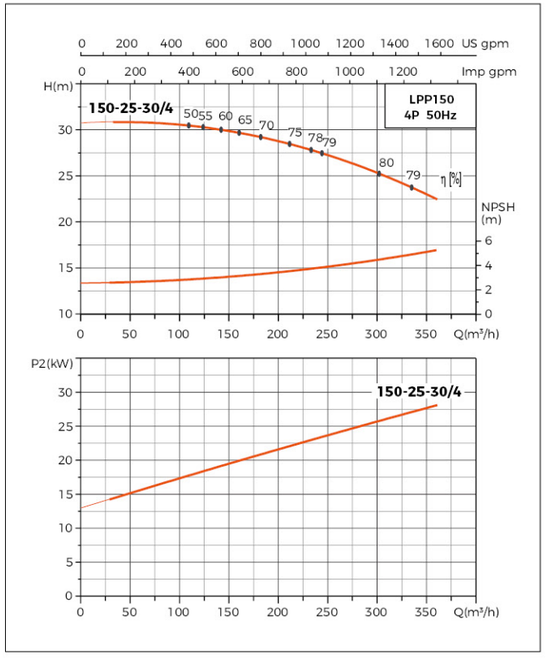


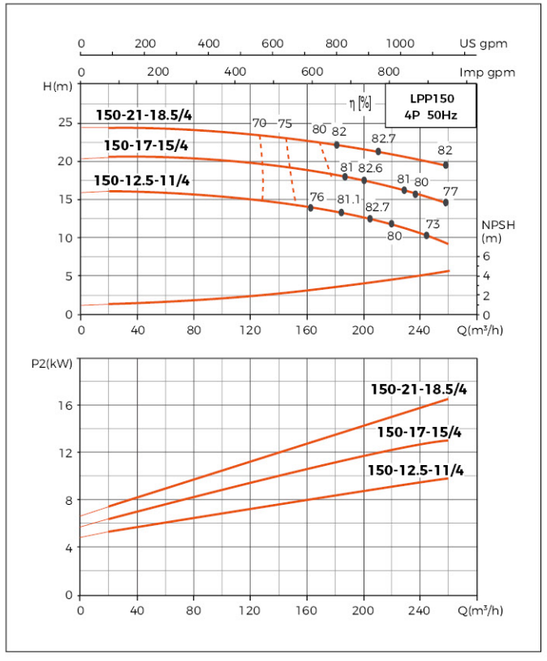


Hydraulic Performance Curves

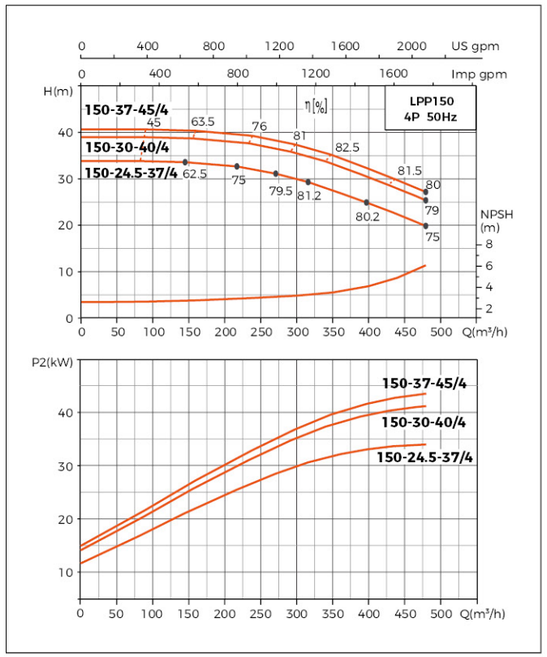


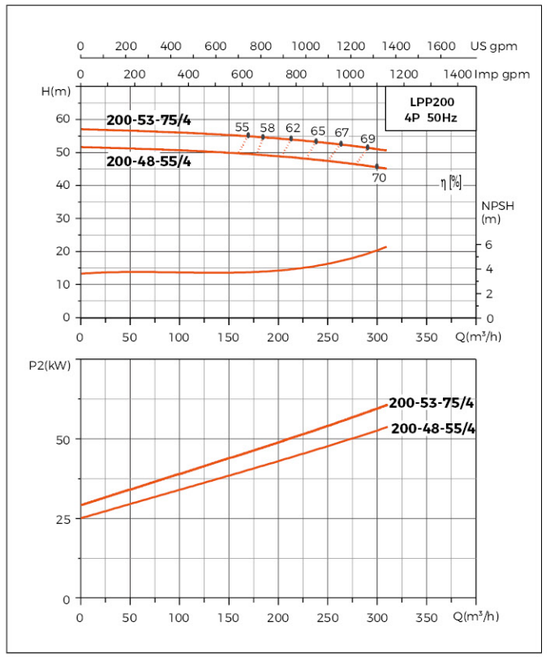


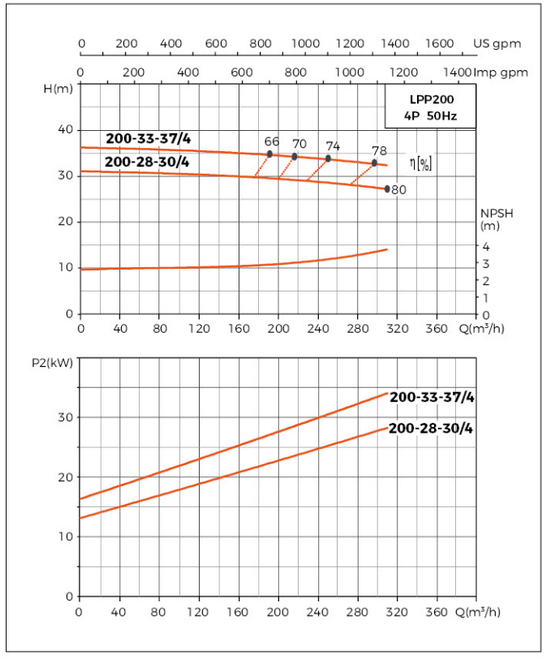


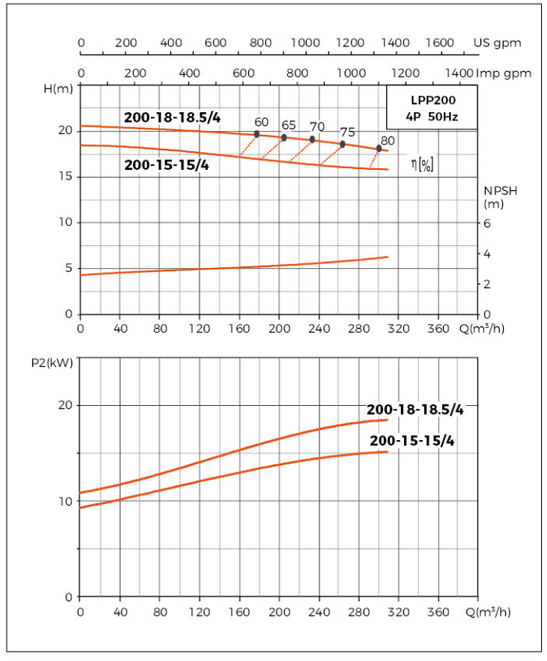


Hydraulic Performance Curves

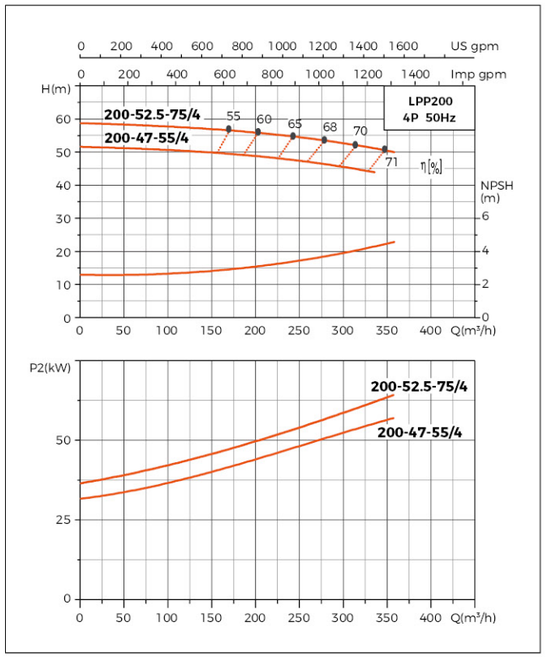


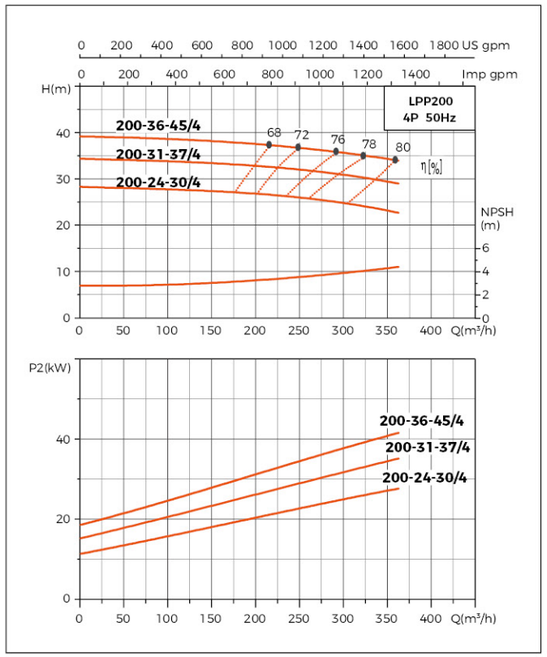


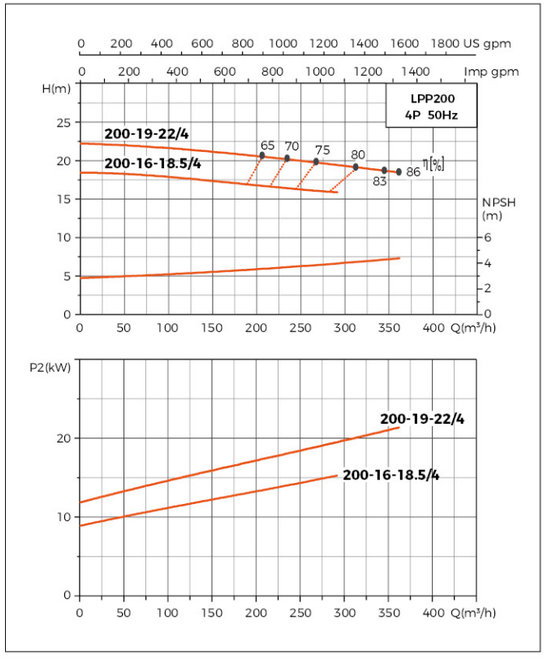


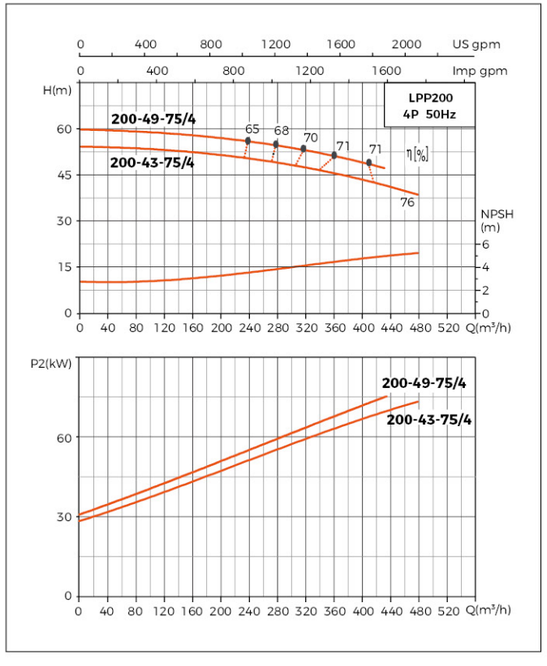


Hydraulic Performance Curves

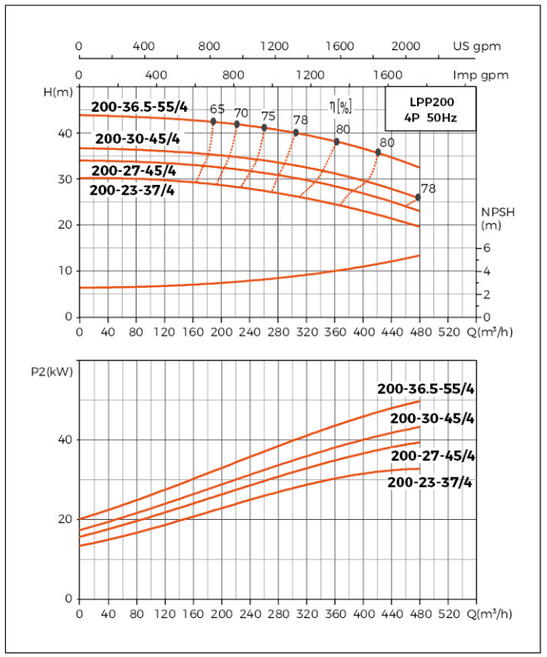


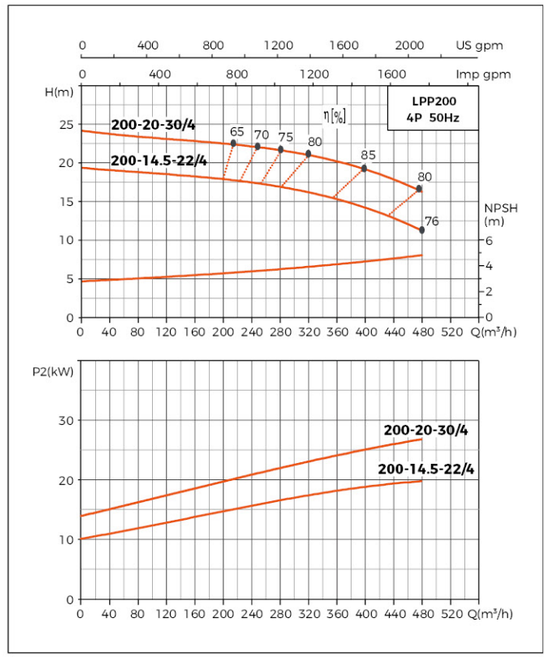


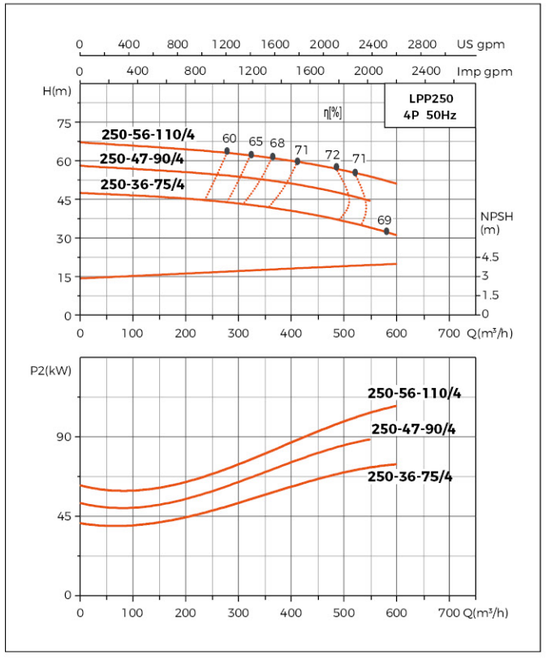


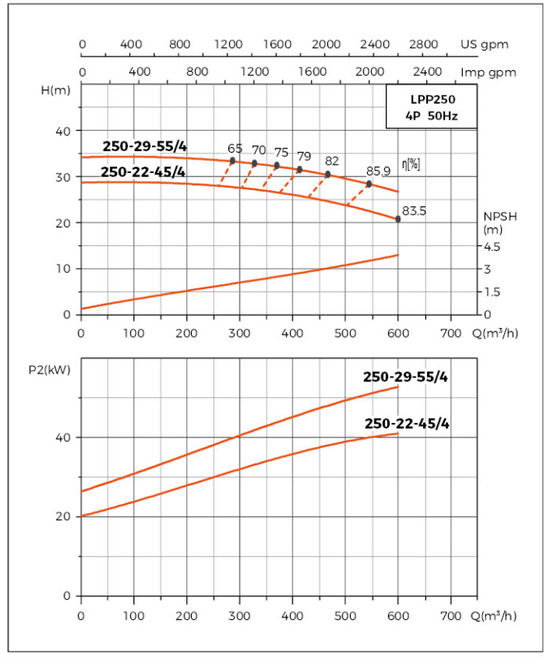


Hydraulic Performance Curves

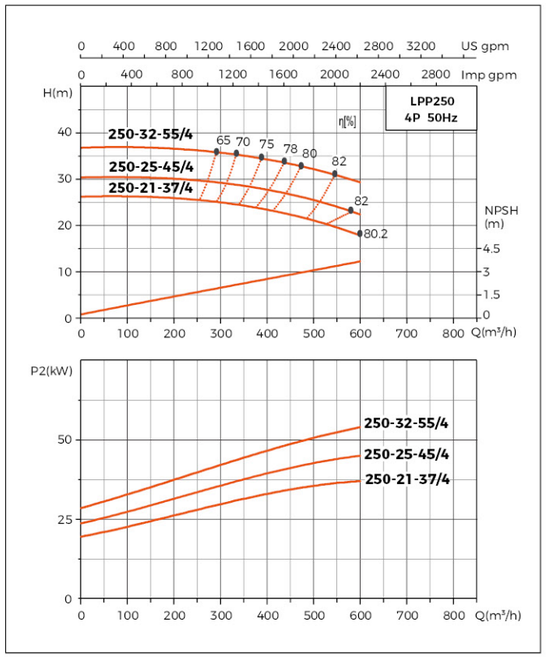


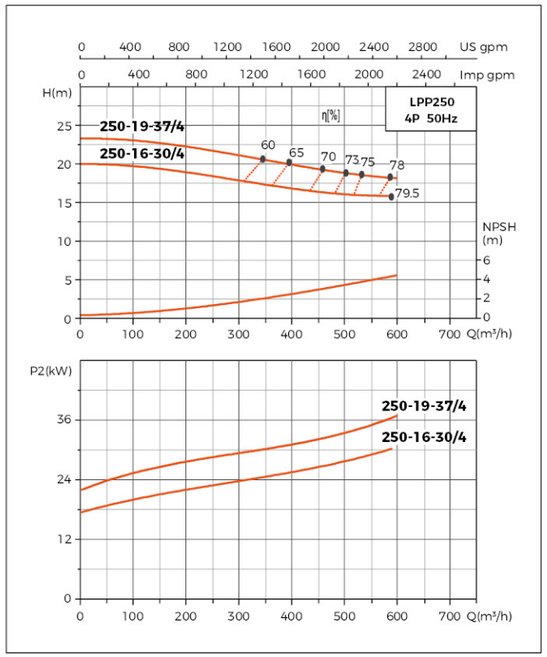


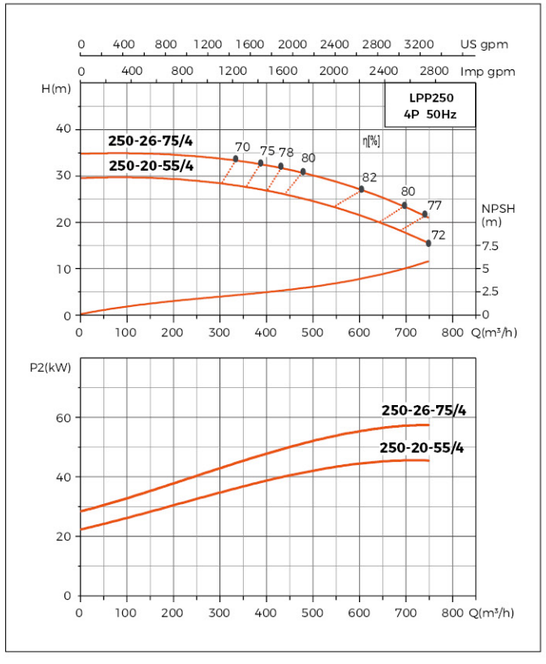


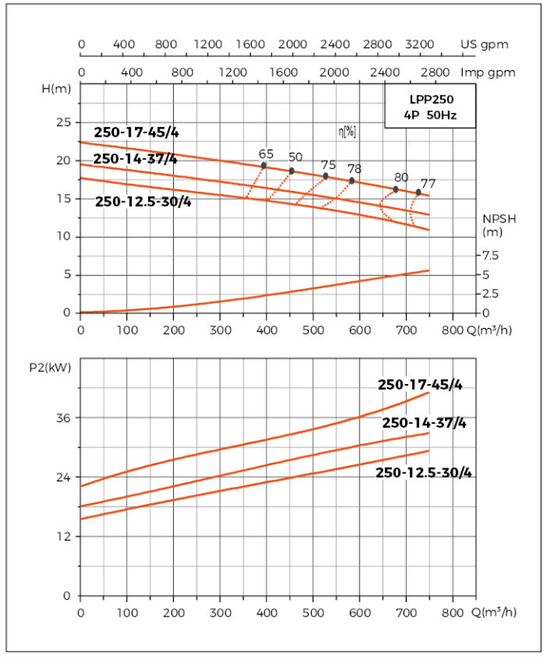


Hydraulic Performance Curves

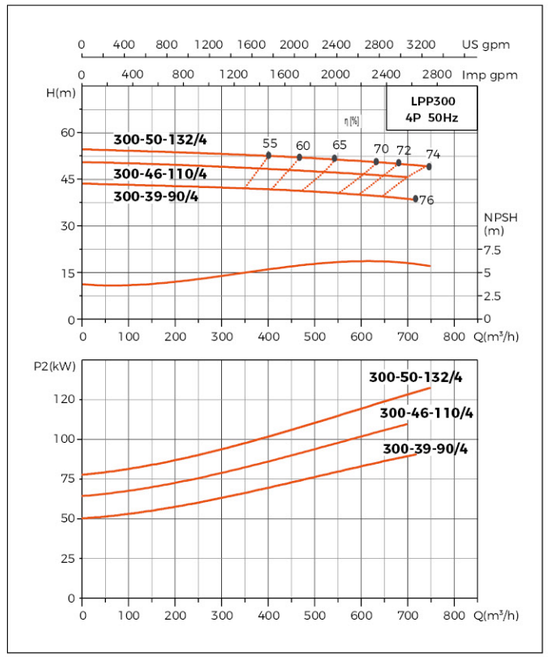


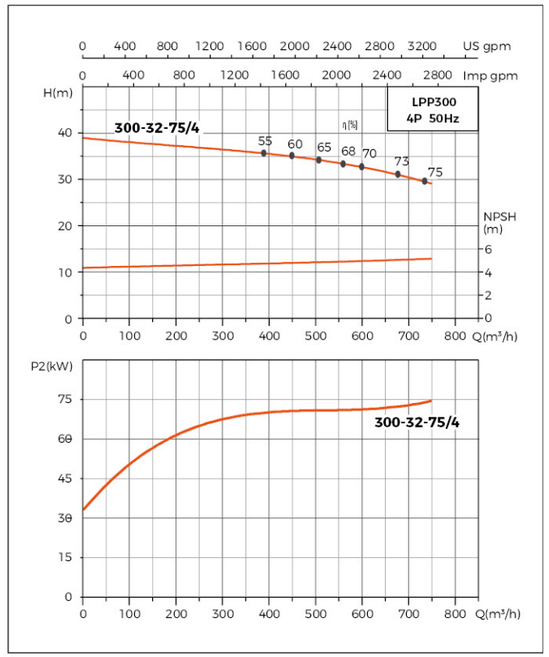


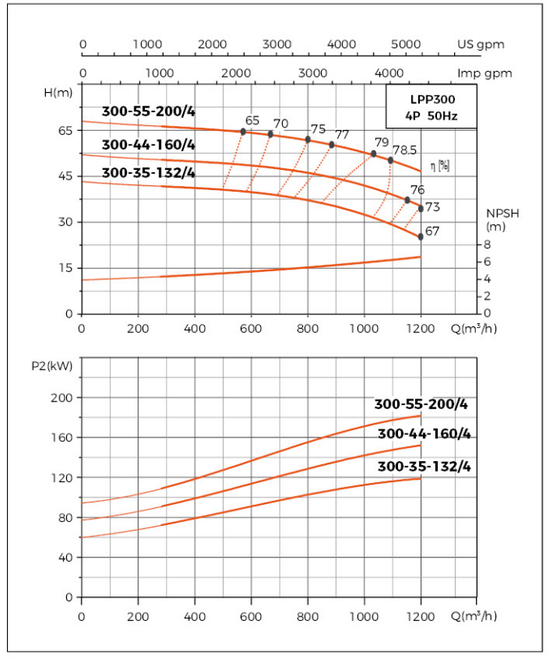


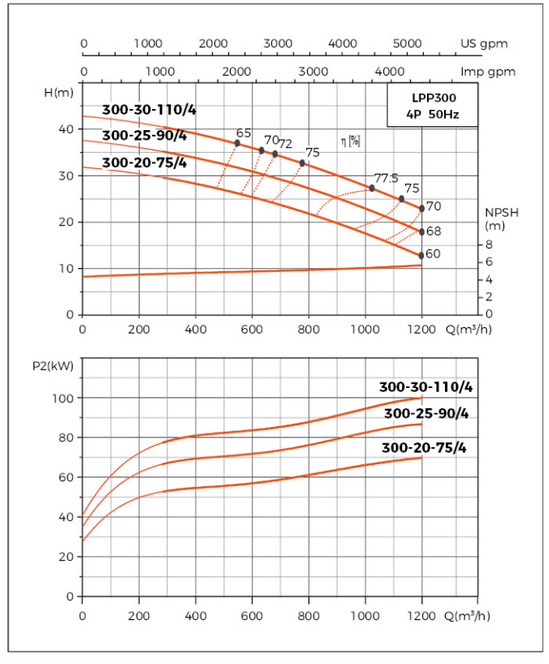


Hydraulic Performance Curves





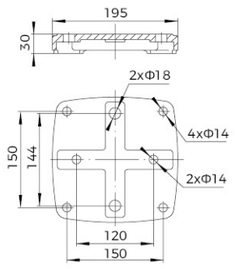




Base Plate Installation

Base plate standard for DN200 and above, optional for DN150–DN32

Base Plate 1

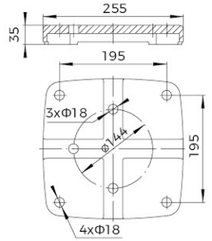


Model
LPP32-31-3/2
LPP32-26-2.2/2
LPP32-21-1.5/2
LPP32-16-1.1/2
LPP32-14-0.75/2
LPP40-31-4/2
LPP40-24.5-3/2
LPP40-20.5-2.2/2
LPP40-20.5-1.5/2

Model
LPP40-1 7.5-1.1/2
LPP40-13-0.75/2
LPP50-34-5.5/2 ※
LPP50-28-4/2
LPP50-24-3/2.
LPP50-21-2.2/2
LPP50-16-1.5/2
LPP50-12-1.1/2

Note: "※" refers to the model of base plate

Base Plate 2

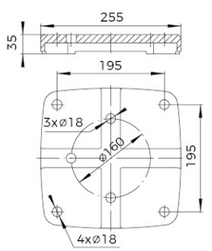


Model
LPP32-50-5.5/2
LPP32-40-4/2
LPP40-36-5.5/2
LPP40-48-7.5/2
LPP50-81-22/2
LPP50-70-18.5/2
LPP50-60-15/2
LPP50-80-11/2
LPP50-70-7.5/2
LPP50-60-7.5/2
LPP50-50-5.5/2
LPP50-40-4/2
LPP50-35-3/2
LPP50-50-11/2
LPP50-40-7.5/2
LPP65-56-18.5/2
LPP65-49-15/2
LPP65-40-11/2
LPP65-51-7.5/2
LPP65-35-7.5/2
LPP65-40-5.2/2

Model
LPP65-28-5.5/2
LPP65-21-4/2
LPP65-17-3/2
LPP65-14-2.2/2
LPP80-35-15/2 ※
LPP80-28-11/2
LPP80-21.5-7.5/2
LPP80-20-5.5/2
LPP80-17-4/2
LPP80-14-3/2
LPP80-10.5-2.2/2
LPP80-8.5-1.5/2
LPP80-47-18.5/2
LPP80-54-22/2
LPP100-35-15/2
LPP100-28-11/2
LPP100-21.5-7.5/2

Note: "※" refers to the model of base plate

Base Plate 3

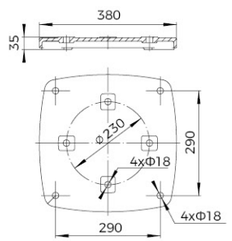


Model
LPP65-68-22/2
LPP65-85-30/2

Model
LPP80-60-22/2
LPP80-67-30/2

Base Plate Installation

Base Plate 4

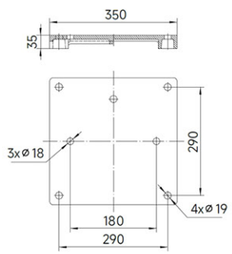


Model
LPP80-80-22/2
LPP80-70-18.5/2
LPP80-60-15/2
LPP80-28-11/4
LPP80-22-7.5/4
LPP80-19-5.5/4
LPP100-80-37/2
LPP100-70-30/2
LPP100-60-22/2
LPP100-50-22/2
LPP100-44-18.5/2
LPP100-38-15/2
LPP100-32-22/2 ※
LPP100-30-18.5/2
LPP100-24-15/2
LPP100-20-11/2
LPP100-32-22/4
LPP100-30-18.5/4
LPP100-25-15/4
LPP100-21-11/4
LPP100-16-7.5/4
LPP100-52-30/2
LPP125-50-30/2

Model
LPP125-44-30/2
LPP125-37.5-22/2
LPP125-35-30/4
LPP125-31-22/4
LPP125-28-18.5/4
LPP125-24-15/4
LPP125-19-11/4
LPP125-48-37/4
LPP125-40-30/4
LPP150-33-37/4
LPP150-29-30/4
LPP150-24.5-22/4
LPP150-21.5-18.5/4
LPP150-33-30/4
LPP150-25-22/4
LPP150-25-30/4
LPP150-21-18.5/4
LPP150-17-15/4
LPP150-12.5-11/4
LPP150-37-45/4
LPP150-30-45/4
LPP150-24.5-37/4
LPP150-35-30/4

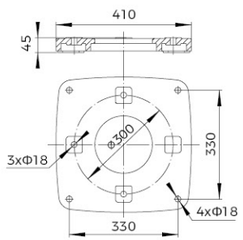
Note: "※" refers to the model of base plate

Base Plate 5



Model
LPP125-11-5.5/4
LPP125-14-7.5/4

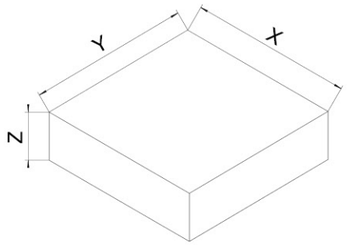
Base Plate 6

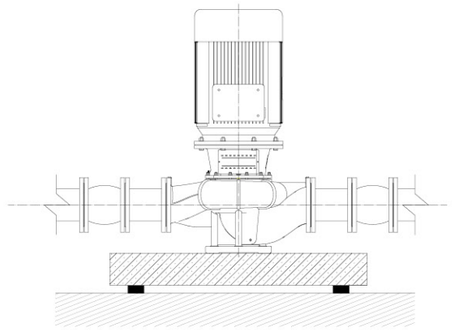


Model
LPP150-50-45/4
LPP150-40-37/4

LPP Vertical In-line Pump

Pedestal Installation





Model	Weight (kg)	X (mm)	Y (mm)	Z (mm)
LPP50-40-7.5/2	87.3	950	470	574
LPP50-50-11/2	122.4	1010	470	639
LPP50-60-15/2	158	565	565	280
LPP50-70-18.5/2	206	670	670	330
LPP50-81-22/2	245	670	670	330
LPP65-40-11/2	176	565	565	280
LPP65-49-15/2	180	565	565	280
LPP65-56-18.5/2	186	565	565	280
LPP65-68-22/2	244.7	1100	560	664
LPP65-85-30/2	293.1	1180	560	704
LPP80-21.5-7.5/2	128	565	565	280
LPP80-28-11/2	173	565	565	280
LPP80-35-15/2	187	565	565	280
LPP80-60-15/2	178	565	565	280
LPP80-70-18.5/2	220	670	670	330
LPP80-80-22/2	265	710	710	360
LPP80-19-5.5/4	168	565	565	280
LPP80-22-7.5/4	181	565	565	280
LPP80-28-11/4	238	670	670	330
LPP100-21.5-7.5/2	107	565	565	280
LPP100-20-11/2	256	670	670	330

Pedestal Installation

Model	Weight (kg)	X (mm)	Y (mm)	Z (mm)
LPP100-28-11/2	139	565	565	280
LPP100-24-15/2	270	710	710	360
LPP100-35-15/2	152	565	565	280
LPP100-38-15/2	180	565	565	280
LPP100-30-18.5/2	293	710	710	360
LPP100-44-18.5/2	222	670	670	330
LPP100-32-22/2	330	750	750	375
LPP100-50-22/2	267	710	710	360
LPP100-60-22/2	276	710	710	360
LPP100-70-30/2	330	750	750	375
LPP100-80-37/2	341	750	750	375
LPP100-16-7.5/4	222	670	670	330
LPP100-21-11/4	261	670	670	330
LPP100-25-15/4	286	710	710	360
LPP100-30-18.5/4	327	750	750	375
LPP100-32-22/4	345	750	750	375
LPP125-37.5-22/2	290	710	710	360
LPP125-44-30/2	346	750	750	375
LPP125-50-30/2	347	750	750	375
LPP125-11-5.5/4	144.6	890	770	554
LPP125-14-7.5/4	170.3	990	715	589
LPP125-19-11/4	286	710	710	360
LPP125-24-15/4	305	710	710	360
LPP125-28-18.5/4	335	750	750	375
LPP125-31-22/4	352	750	750	375
LPP125-35-30/4	415	780	780	390
LPP125-40-30/4	386.6	1320	870	754
LPP125-48-37/4	481.6	1350	870	774
LPP150-12.5-11/4	293	710	710	360
LPP150-17-15/4	311	750	750	375
LPP150-21-18.5/4	346	750	750	375

Pedestal Installation

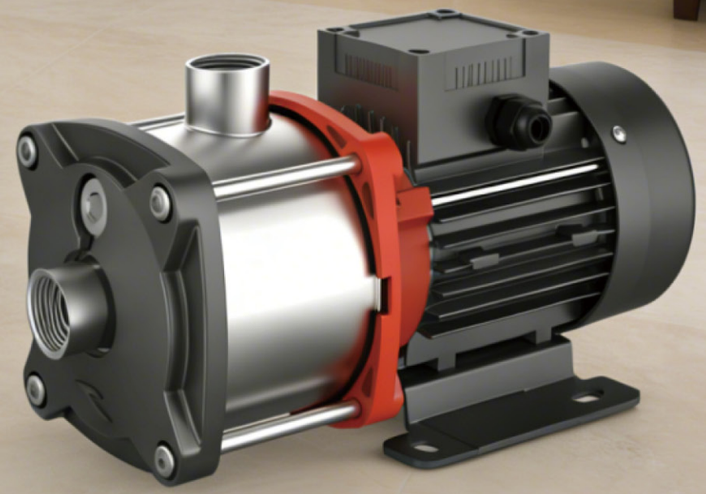
Model	Weight (kg)	X (mm)	Y (mm)	Z (mm)
LPP150-21.5-18.5/4	390	780	780	390
LPP150-24.5-22/4	410	780	780	390
LPP150-25-22/4	377	780	780	390
LPP150-25-30/4	457	840	840	420
LPP150-29-30/4	475	840	840	420
LPP150-33-30/4	459	840	840	420
LPP150-35-30/4	396	1350	870	754
LPP150-24.5-37/4	527.7	1450	1080	774
LPP150-33-37/4	503	840	840	420
LPP150-40-37/4	570	870	870	440
LPP150-30-45/4	549.4	1450	1080	774
LPP150-37-45/4	549.8	1450	1080	774
LPP150-50-45/4	634	970	970	470
LPP200-15-15/4	346.1	800	600	1200
LPP200-16-18.5/4	379.1	800	600	1250
LPP200-18-18.5/4	379.1	800	600	1250
LPP200-14.5-22/4	401	800	600	1250
LPP200-19-22/4	400.1	800	600	1250
LPP200-20-30/4	464.9	800	600	1300
LPP200-24-30/4	524	900	610	1300
LPP200-28-30/4	525.4	900	610	1300
LPP200-23-37/4	588.7	900	650	1300
LPP200-31-37/4	588.7	900	650	1300
LPP200-33-37/4	588.7	900	650	1300
LPP200-27-45/4	659.8	900	650	1300
LPP200-30-45/4	659.8	900	650	1300
LPP200-36-45/4	659.8	900	680	1300
LPP200-36.5-55/4	700.5	900	680	1450
LPP200-47-55/4	768.1	1000	700	1460
LPP200-48-55/4	768.1	1000	700	1460
LPP200-43-75/4	907.4	1000	750	1460

Pedestal Installation

Model	Weight (kg)	X (mm)	Y (mm)	Z (mm)
LPP200-49-75/4	907.4	1000	750	1460
LPP200-53-75/4	907.4	1000	750	1460
LPP200-52.5-75/4	907.4	1000	750	1460
LPP250-12.5-30/4	568.9	1000	680	1330
LPP250-16-30/4	568.9	1000	680	1330
LPP250-14-37/4	636.8	1000	700	1320
LPP250-19-37/4	636.8	1000	700	1320
LPP250-21-37/4	665.4	1100	680	1330
LPP250-17-45/4	707.8	1000	700	1350
LPP250-22-45/4	736.4	1100	680	1360
LPP250-26-45/4	761.3	1100	680	1360
LPP250-20-55/4	777.1	1100	710	1500
LPP250-29-55/4	780.7	1100	710	1500
LPP250-32-55/4	777.1	1100	710	1500
LPP250-26-75/4	916.3	1100	680	1360
LPP250-36-75/4	980.6	1100	770	1510
LPP250-47-90/4	1050.6	1100	770	1560
LPP250-56-110/4	1202.5	1100	870	1830
LPP300-20-75/4	960.3	1200	770	1540
LPP300-32-75/4	960.3	1200	770	1540
LPP300-25-90/4	1030.4	1200	770	1590
LPP300-39-90/4	1160.6	1100	840	1600
LPP300-30-110/4	1182.3	1200	880	1850
LPP300-46-110/4	1315.5	1100	950	1860
LPP300-35-132/4	1385.5	1100	950	1890
LPP300-50-132/4	1385.5	1100	950	1890
LPP300-44-160/4	1469.5	1100	950	1890
LPP300-55-200/4	1575.5	1100	950	1890

COMMERCIAL HORIZONTAL MULTISTAGE

EMH Stainless Steel Horizontal Multistage Pump



Application

- It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Pump

- SS304 welding shaft
- Max. liquid temperature: +60℃
- Altitude: up to 1000 m
- Max. inlet pressure: limited by Max. operating pressure
- Max. operating pressure: 10 bar
- Liquid PH Value: 6.5 - 8.5
- Whole SS304 wet parts, SS316 available on request

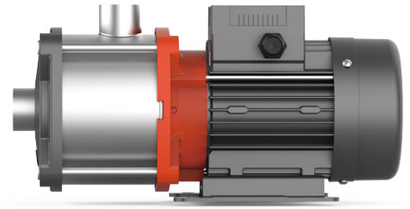
Motor

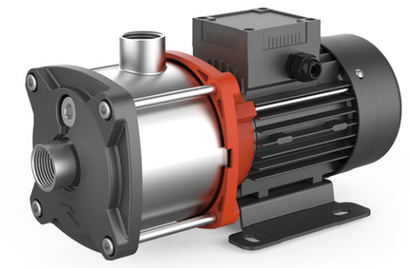
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IP55
- Max. ambient temperature: +40℃

Identification Codes

EMH (m) 8 - 3 \ 1

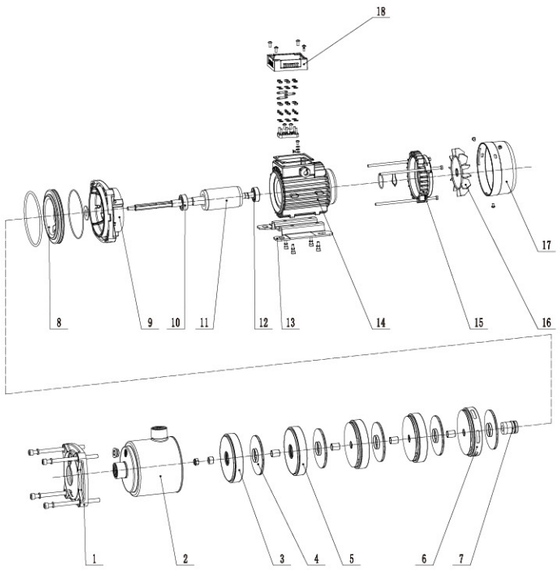
- 1 — Small Impeller Stage
- 3 — Impeller Stage
- 8 — Rated Flow (m^3/h)
- (m) — Single Phase (Three-phase model without m)
- EMH — Stainless Steel Horizontal Multistage Pump





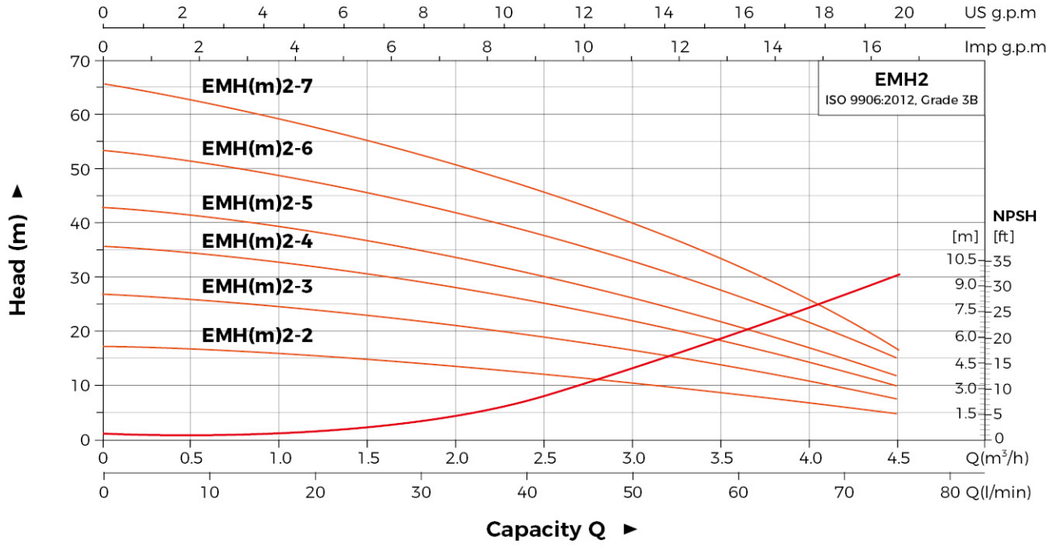
Material Table

No.	Part	Material
1	Pump cover	ADC 12
2	Pump body	SS304
3	Primary diffuser	SS304
4	Impeller	SS304
5	Intermediate diffuser	SS304
6	Final diffuser	SS304
7	Mechanical seal	SiC/Carbon
8	Seal seat	
9	Bracket	ADC 12
10	Front bearing	
11	Rotor	
12	Rear bearing	
13	Base plate	S235JR Steel
14	Stator	
15	Rear cover	ADC 12
16	Fan	PP
17	Fan cover	PP
18	Terminal box	



EMH Stainless Steel Horizontal Multistage Pump

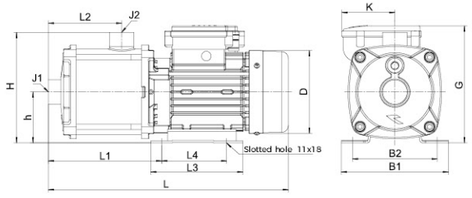
Hydraulic Performance Curves



Technical Data

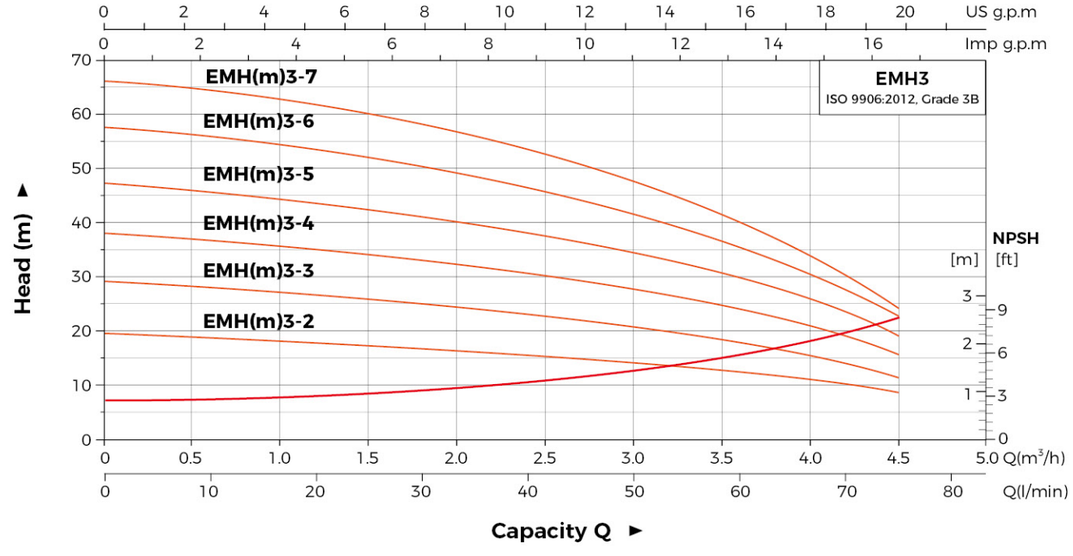
Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220~240V	400V	kW	HP	m³/h	m		€		€
EMHm2-2	EMH2-2	0.25	0.33	4.5	17	5068045001	207.76	5067661001	217.86
EMHm2-3	EMH2-3	0.37	0.5	4.5	27	5068054001	219.30	5007922002	245.39
EMHm2-4	EMH2-4	0.37	0.5	4.5	36	5050714003	236.03	5067687001	256.12
EMHm2-5	EMH2-5	0.55	0.75	4.5	44	5063577002	255.73	5007866004	287.92
EMHm2-6	EMH2-6	0.75	1.0	4.5	54	5052195003	294.76	5007407006	299.00
EMHm2-7	EMH2-7	0.75	1.0	4.5	65.5	5063578002	330.80	5067721001	346.48

Dimension



Model	L	L1	L2	L3	L4	H	h	B1	B2	D	G	K	J1/J2
											3~/1~	3~/1~	
EMH(m)2-2	305	131	72	136	96	163	75	158	125	122	163/172.5	/89	G1/G1
EMH(m)2-3													
EMH(m)2-4	323	149	90										
EMH(m)2-5	354	167	108										
EMH(m)2-6	382	185	126							146.5	172/182.5		
EMH(m)2-7	400	203	144										

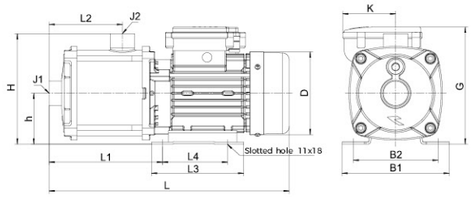
Hydraulic Performance Curves



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220~240V	400V	kW	HP	m³/h	m		€		€
EMHm3-2	EMH3-2	0.25	0.33	4.5	19.5	5068107001	216.70	5067734001	227.82
EMHm3-3	EMH3-3	0.37	0.5	4.5	29	5064411002	227.86	5067748001	247.32
EMHm3-4	EMH3-4	0.55	0.75	4.5	38	5068133001	249.03	5067768001	277.96
EMHm3-5	EMH3-5	0.55	0.75	4.5	47.5	5064410002	258.71	5067785001	287.92
EMHm3-6	EMH3-6	0.75	1.0	4.5	57.5	5068155001	301.81	5067798001	336.13
EMHm3-7	EMH3-7	0.85	1.15	4.5	66	5062022002	335.64	5067814001	346.09

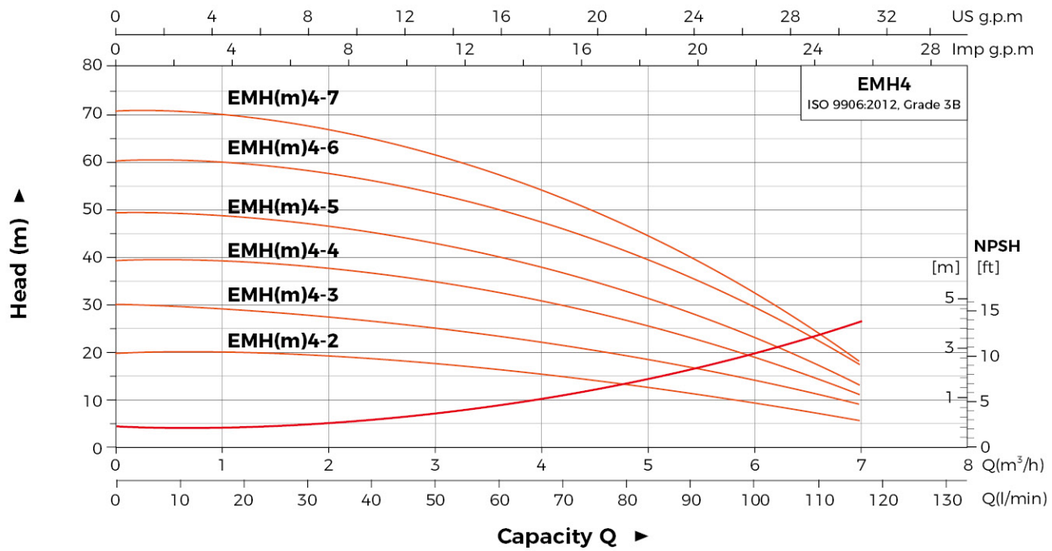
Dimension



Model	L	L1	L2	L3	L4	H	h	B1	B2	D	G	K	J1/J2
											3~/1~	3~/1~	
EMH(m)3-2	305	131	72	136	96	163	75	158	125	122	163/172.5	/89	G1/G1
EMH(m)3-3												/78	
EMH(m)3-4	336	149	90									/89	
EMH(m)3-5	354	167	108										
EMH(m)3-6	382	185	126							146.5	172/182.5		
EMH(m)3-7	400	203	144										

EMH Stainless Steel Horizontal Multistage Pump

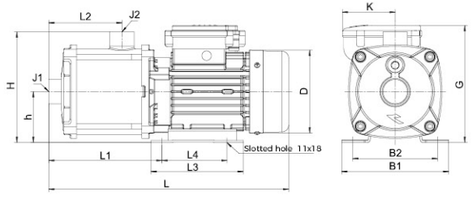
Hydraulic Performance Curves



Technical Data

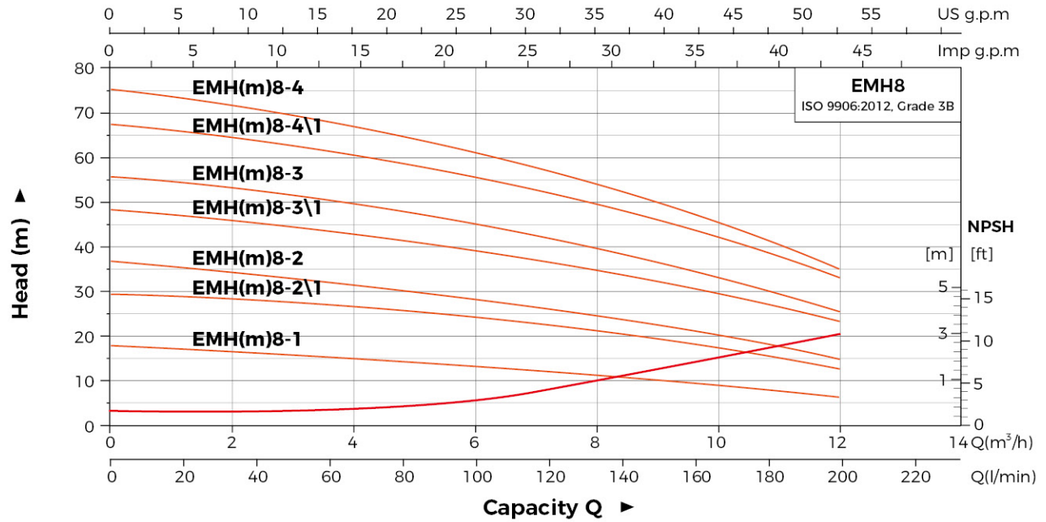
Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220~240V	400V	kW	HP	m³/h	m		€		€
EMHm4-2	EMH4-2	0.37	0.5	7	20	5065589002	220.04	5067825001	244.23
EMHm4-3	EMH4-3	0.55	0.75	7	30	5047981005	232.69	5007916003	269.93
EMHm4-4	EMH4-4	0.75	1.0	7	40	5063579003	271.72	5067851001	283.68
EMHm4-5	EMH4-5	0.75	1.0	7	50	5046916002	295.88	5064810002	293.64
EMHm4-6	EMH4-6	1.1	1.5	7	61.5	5062247004	361.66	5007413004	386.31
EMHm4-7	EMH4-7	1.3	1.75	7	72	5062052003	398.09	5067887001	394.69

Dimension



Model	L	L1	L2	L3	L4	H	h	B1	B2	D	G	K	J1/J2
											3~/1~	3~/1~	
EMH(m)4-2	308.5	134	75	136	96	163	75	158	125	122	163/172.5	/89	G1 1/4/G1
EMH(m)4-3	321												
EMH(m)4-4	349	152	93							146.5	172/182.5		
EMH(m)4-5	367	170	111										
EMH(m)4-6	411	188	129	155	125	178	90	178	140	167	203/212	/105.5	
EMH(m)4-7	429	206	147										

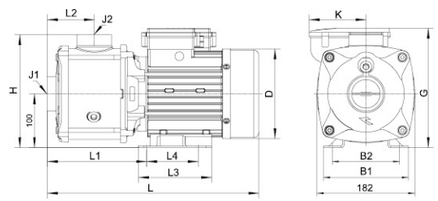
Hydraulic Performance Curves



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220~240V	400V	kW	HP	m³/h	m		€		€
EMHm8-1	EMH8-1	0.55	0.75	12	18	5068225001	313.69	5067909001	342.24
EMHm8-2\1	EMH8-2\1	1.0	1.36	12	29.5	5067363001	346.06	5067930001	355.67
EMHm8-2	EMH8-2	1.0	1.36	12	37	5053233003	346.79	5067940001	434.91
EMHm8-3\1	EMH8-3\1	1.5	2.0	12	48.5	5067399001	417.77	5067966001	463.59
EMHm8-3	EMH8-3	1.85	2.5	12	56	5062692003	504.76	5067981001	465.56
EMHm8-4\1	EMH8-4\1	2.2	3.0	12	67.5	5067428001	555.67	5068008001	601.05
EMH(m)8-4	EMH(m)8-4	2.2	3.0	12	75.5	5067441001	581.31	5059388003	603.36

Dimension

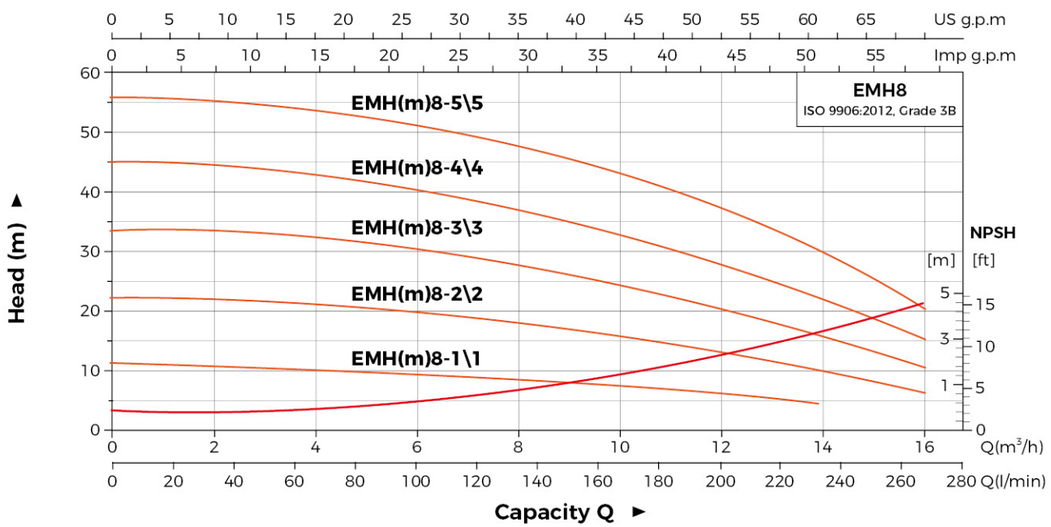


Inside "()" is the size of single-phase motor

Model	L	L1	L2	L3	L4	B1	B2	D	G	K	H	J1/J2
									3~/1~	3~/1~		
EMH(m)8-1	378	186	102.5	132	96	158	125	146.5	196/207.5	/89	210	G1 1/2/G1 1/2
EMH(m)8-2\1												
EMH(m)8-2												
EMH(m)8-3\1	410	200	102.5	136	96	158	125	167	213/222	/105.5		
EMH(m)8-3	410(470)			136(170)	96(140)	158(200)	125(160)	167(175)	213/237	/107		
EMH(m)8-4\1	440(500)	230	132.5									
EMH(m)8-4												

EMH Stainless Steel Horizontal Multistage Pump

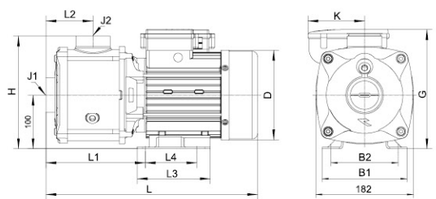
Hydraulic Performance Curves



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220~240V	400V	kW	HP	m³/h	m		€		€
EMHm8-1\1	EMH8-1\1	0.55	0.75	16	11	5068219001	306.65	5067899001	339.96
EMHm8-2\2	EMH8-2\2	0.75	1.0	16	22	5068229001	332.66	5067919001	353.35
EMHm8-3\3	EMH8-3\3	1.3	1.75	16	33.5	5067388001	402.55	5067954001	439.47
EMHm8-4\4	EMH8-4\4	1.5	2.0	16	45	5067418001	434.14	5067996001	475.10
EMHm8-5\5	EMH8-5\5	2.2	3.0	16	56	5067449001	568.30	5068025001	493.08

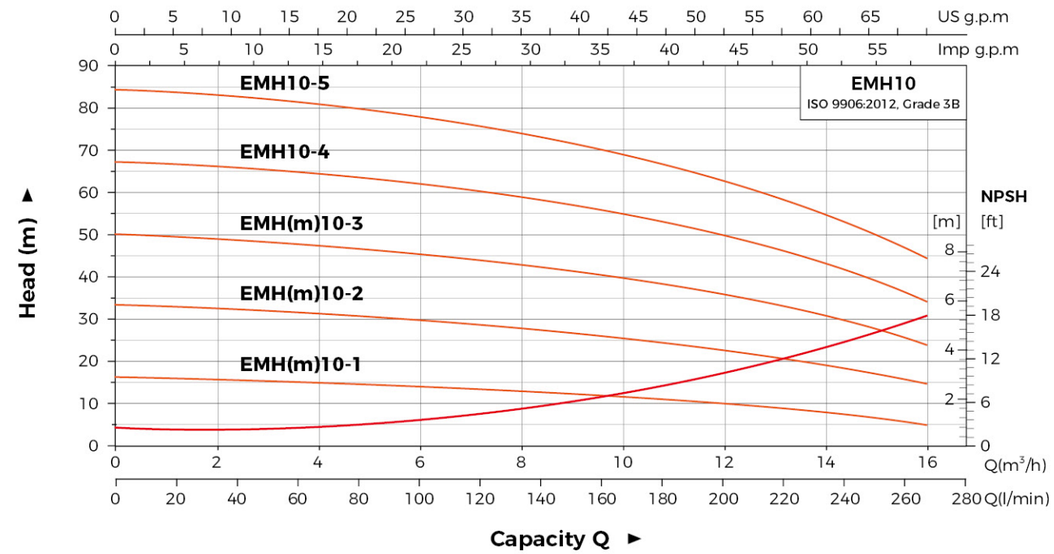
Dimension



Inside "()" is the size of single-phase motor

Model	L	L1	L2	L3	L4	B1	B2	D	G	K	H	J1/J2
									3~/1~	3~/1~		
EMH(m)8-1\1	378	186	102.5	132	96	158	125	146.5	196/207.5	/89	210	G1$^{1}/_{2}$/G1$^{1}/_{2}$
EMH(m)8-2\2												
EMH(m)8-3\3	410	200	102.5	136	96	158	125	167	213/222	/105.5		
EMH(m)8-4\4	440	230	132.5									
EMH(m)8-5\5	470(530)	260	162.5	136(170)	96(140)	158(200)	125(160)	167(175)	213/237	/107		

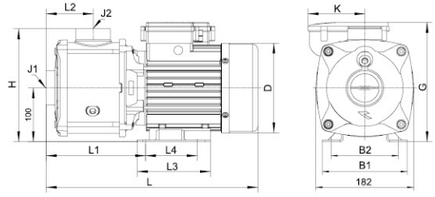
Hydraulic Performance Curves



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220~240V	400V	kW	HP	m³/h	m		€		€
EMH(m)10-1	EMH10-1	0.65	0.9	16	16.5	5067459001	316.32	5068035001	341.89
EMH(m)10-2	EMH10-2	1.3	1.75	16	33	5067472001	391.01	5064409002	434.91
EMH(m)10-3	EMH10-3	2.2	3.0	16	50	5067482001	532.99	5068055001	584.60
-	EMH10-4	3.0	4.0	16	66.5	-	-	5064408002	840.72
-	EMH10-5	3.5	4.7	16	84	-	-	5068082001	869.05

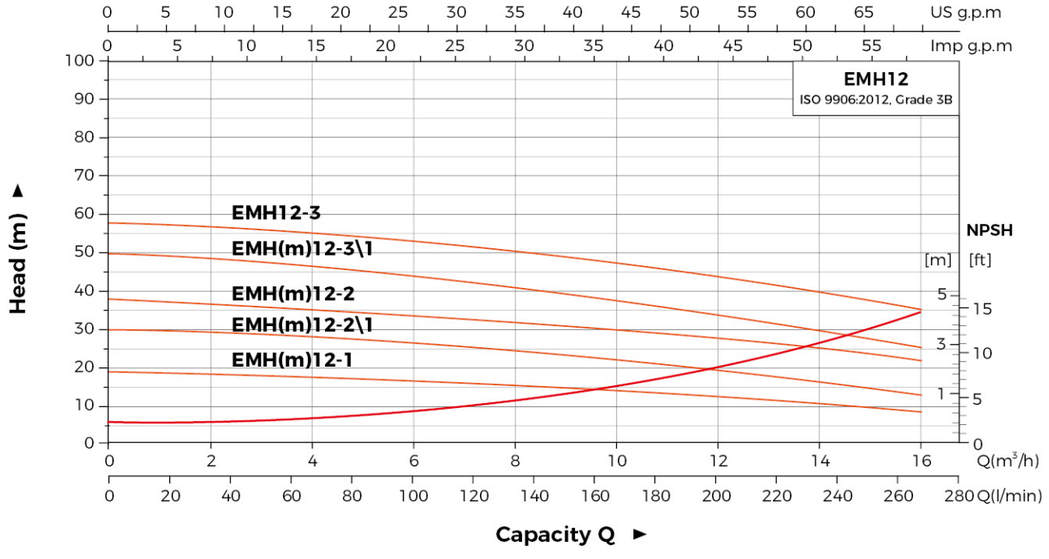
Dimension



Model	L	L1	L2	L3	L4	B1	B2	D	G	K	H	J1/J2
									3~/1~	3~/1~		
EMH(m)10-1	378	186	102.5	132	96	158	125	146.5	196/207.5	/89	210	G1$^{1}/_{2}$/G1$^{1}/_{2}$
EMH(m)10-2	410	200	102.5	136	96	158	125	167	213/222	/105.5		
EMH(m)10-3	470	200	102.5	170	140	200	160	175	222/237	/107		
EMH10-4	500	230	132.5						222/-	-		
EMH10-5	530	260	162.5									

EMH Stainless Steel Horizontal Multistage Pump

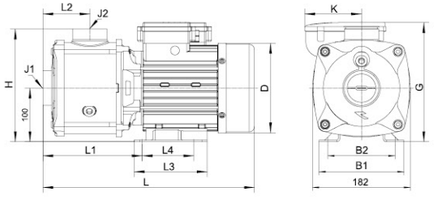
Hydraulic Performance Curves



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220~240V	400V	kW	HP	m³/h	m		€		€
EMHm12-1	EMH12-1	1.0	1.36	16	19	5067503001	335.26	5068102001	347.25
EMHm12-2\1	EMH12-2\1	1.3	1.75	16	30	5067529001	393.26	5068125001	433.75
EMHm12-2	EMH12-2	1.85	2.5	16	38	5067541001	492.10	5068136001	453.67
EMHm12-3\1	EMH12-3\1	2.2	3.0	16	50	5067566001	533.37	5068159001	583.45
-	EMH12-3	3.0	4.0	16	58	-	-	5068166001	826.55

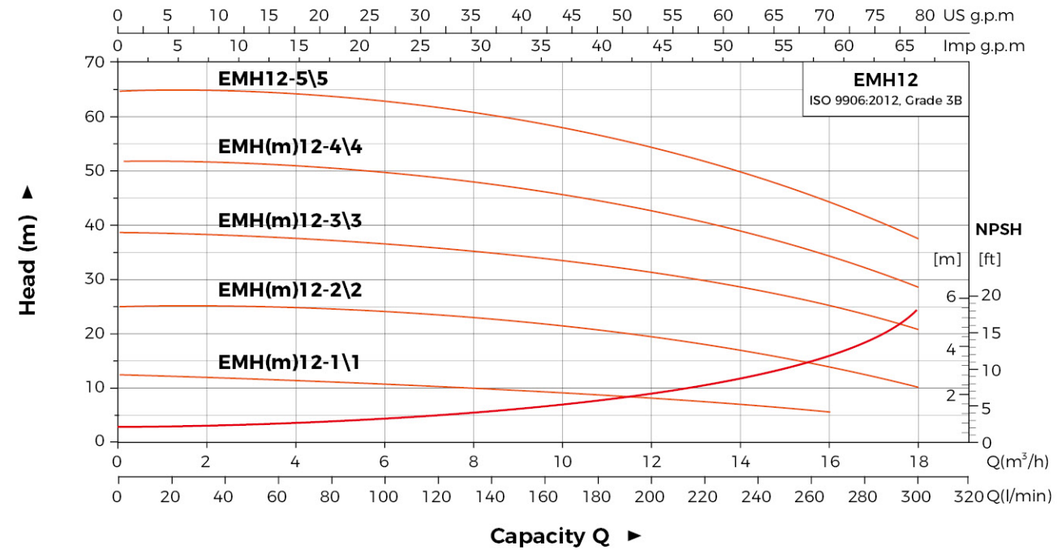
Dimension



Inside "()" is the size of single-phase motor

Model	L	L1	L2	L3	L4	B1	B2	D	G	K	H	J1/J2
									3~/1~	3~/1~		
EMH(m)12-1	378	186	102.5	132	96	158	125	146.5	196/207.5	/89	210	G1 1/2/G1 1/2
EMH(m)12-2\1	410	200	102.5	136	96	158	125	167	213/222	/105.5		
EMH(m)12-2	410(470)	200	102.5	136(170)	96(140)	158(200)	125(160)	167(175)	213/237	/107		
EMH(m)12-3\1									213/237	/107		
EMH12-3	470	200	102.5	170	140	200	160	175	222/	-		

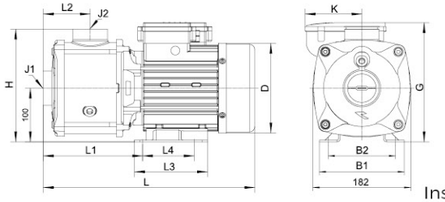
Hydraulic Performance Curves



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220~240V	400V	kW	HP	m³/h	m		€		€
EMHm12-1\1	EMH12-1\1	0.65	0.9	18	12.5	5067490001	312.22	5068091001	341.50
EMHm12-2\2	EMH12-2\2	1.3	1.75	18	25.5	5067517001	391.75	5068115001	432.98
EMHm12-3\3	EMH12-3\3	1.85	2.5	18	38.5	5067552001	499.54	5068147001	462.09
EMHm12-4\4	EMH12-4\4	2.2	3.0	18	51.5	5067575001	573.87	5068179001	598.38
-	EMH12-5\5	3.0	4.0	18	64.5	-	-	5068185001	862.17

Dimension

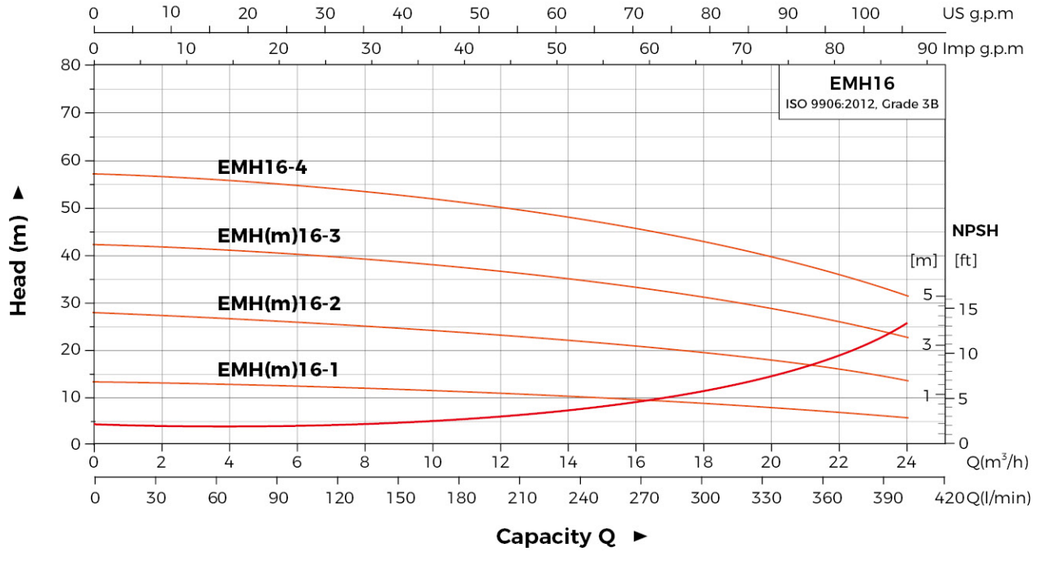


Inside "()" is the size of single-phase motor

Model	L	L1	L2	L3	L4	B1	B2	D	G	K	H	J1/J2
									3~/1~	3~/1~		
EMH(m)12-1\1	378	186	102.5	132	96	158	125	146.5	196/207.5	/89	210	G1 1/2/G1 1/2
EMH(m)12-2\2	410	200	102.5	136	96	158	125	167	213/222	/105.5		
EMH(m)12-3\3	410(470)	200	102.5	136(170)	96(140)	158(200)	125(160)	167(175)	213/237	/107		
EMH(m)12-4\4	440(500)	230	132.5						213/237	/107		
EMH12-5\5	530	260	162.5	170	140	200	160	175	222/	-		

EMH Stainless Steel Horizontal Multistage Pump

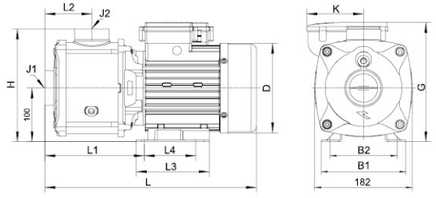
Hydraulic Performance Curves



Technical Data

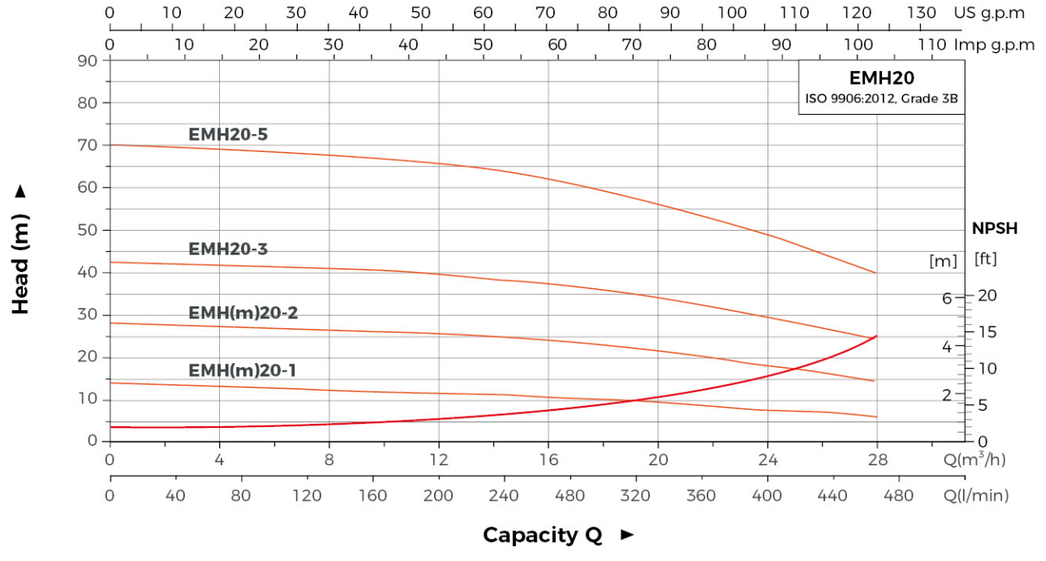
Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220~240V	400V	kW	HP	m³/h	m		€		€
EMHm16-1	EMH16-1	1.0	1.36	24	13.5	5067589001	362.01	5068203001	380.95
EMHm16-2	EMH16-2	1.6	2.15	24	28	5067606001	457.18	5043534003	498.06
EMHm16-3	EMH16-3	2.6	3.5	24	42.5	5067621001	637.83	5068211001	859.09
-	EMH16-4	3.5	4.7	24	57.5	-	-	5068217001	947.91

Dimension



Model	L	L1	L2	L3	L4	B1	B2	D	G	K	H	J1/J2
									3~/1~	3~/1~		
EMH(m)16-1	363	171	87.5	132	96	158	125	146.5	196/207.5	/89	211	G2/G2
EMH(m)16-2	394	185	87.5	136	96	158	125	167	213/222	/105.5		
EMH(m)16-3	500	230	132.5	170	140	200	160	175	222/237	/107		
EMH16-4	545	275	177.5	170	140	200	160	175	222/	-		

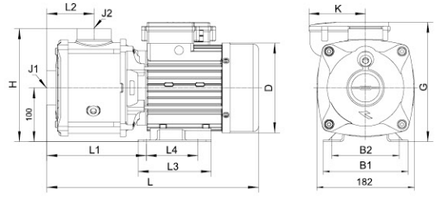
Hydraulic Performance Curves



Technical Data

Model		Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
1~	3~								
220~240V	400V	kW	HP	m³/h	m		€		€
EMHm20-1	EMH20-1	1.0	1.36	28	14	5067632001	365.38	5068228001	472.05
EMHm20-2	EMH20-2	2.2	3.0	28	28	5067647001	577.98	5067369001	625.17
-	EMH20-3	3.5	4.7	28	42.5	-	-	5067378001	870.20
-	EMH20-5	5.5	7.5	28	70	-	-	5064407003	1,252.23

Dimension



Inside "()" is the size of single-phase motor

Model	L	L1	L2	L3	L4	B1	B2	D	G	K	H	J1/J2
									3~/1~	3~/1~		
EMH(m)20-1	363	171	87.5	132	96	158	125	146.5	196/207.5	/89	211	G2/G2
EMH(m)20-2	394(455)	185	87.5	136(170)	96(140)	158(200)	125(160)	167(175)	213/237	/107		
EMH20-3	500	230	132.5	170	140	200	160	175	222	-		
EMH20-5	679	351	222.5	180	140	230	190	211	255	-	223	

COMMERCIAL VERTICAL MULTISTAGE

LVS/LVR Stainless Steel Vertical Multistage Pump

EVP Vertical Multistage Pump

LVS/LVR Stainless Steel Vertical Multistage Pump



LVR



LVS

CE ACS

Application

- Suitable for transferring liquids of low viscosity, non-inflammable and non-explosive, not containing solid particles or fibers
- Water supply & drainage for high-rise buildings, filtration and transfer at waterworks, pressure boosting in main pipe
- Washing and cleaning systems, boiler feeding, cooling water circulation, water treatment systems, auxiliary system, support equipment
- Ultra-filtration systems, reverse-osmosis systems, distillation systems, separators, swimming pools
- Agricultural irrigation: sprinkler irrigation, drip-feed irrigation
- Food & beverage industry
- Fire-fighting system

Operating Conditions

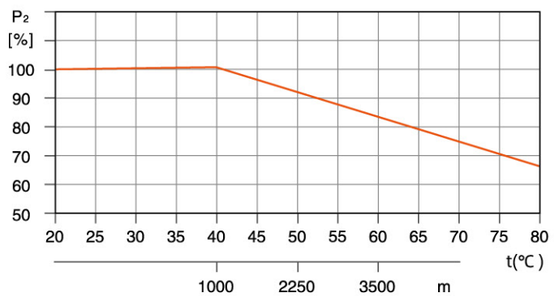
- Low viscosity, non-inflammable and non-explosive liquids not containing solid particles or fibers. The liquids must not chemically attack the pump materials. When pumping liquids with a density or viscosity is higher than that of water, a motor with a higher output power rating shall be used
- Liquid temperature: - 20℃ ~+ 120℃
- Flow ranges: 0.7- 240 m^3/h
- Liquid pH value: 4 - 10
- Max. ambient temperature: +40℃
- Max. operating pressure: 33 bar
- Altitude: up to 1000 m

Motor

- IE3 Motor for 3~phase, IE4 for power ≥75kW
- Totally enclosed & fan-cooled
- Enclosures class: IP55
- Insulation class: F
- Standard voltage: 50Hz 1x220V / 3x380V

Ambient Temperature

- Max. ambient temperature: +40℃ . Ambient temperature above 40℃ or installation at altitude of more than 1000 meters above sea level require the use of an oversize motor. Because of low air density and poor cooling effects, the motor output power P2 will be decreased. See the picture.
- In such cases, it may be necessary to use a motor with a higher output power rating.



For example, when the pump is installed at altitude of more than 3500 meters above sea level, P2 will be decreased to 88%. When the ambient temperature is 70℃ , P2 will be decreased to 78%.

Identification Codes

LVS 45 - 10 - 2 - B - K

- K: Pipeline Port Code (Omitted for DIN flange)
- B: SS316 Stainless Steel Material (Omitted for SS304)
- 2: Small Impeller Stages
- 10: Impeller Stages
- 45: Rated Flow (m^3/h)
- LVS: LVS,LVR Vertical Multistage Pump

LVS 200 - 3 - C - D

- D: Small impeller D
- C: Small impeller C
- 3: Impeller Stages
- 200: Rated Flow(m^3/h)
- LVS: LVS, LVR Vertical Multistage Pump

LVS: Stainless steel wetted parts
LVR: Cast iron base & pump cover

Identifications codes of flange structure

A: Oval flange K: Clamp connector
G: Threaded connector

Minimum Inlet Pressure-NPSH

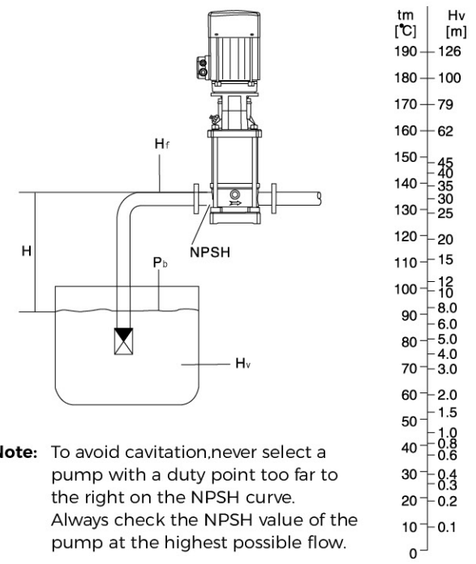
Calculation of the inlet pressure"H"is recommended in these situations:

- The liquid temperature is high
- The flow is significantly higher than the rated flow
- Water is drawn from depths
- Water is drawn through long pipes
- Inlet conditions are poor

To avoid cavitation, make sure that there is a minimum pressure on the suction side of the pump. The maximum suction lift "H" in meters head can be calculated as follows:

H	= Pb x 10.2-NPSH-H_f-H_v-H_s
P_b	= Barometric pressure in bar. (Barometric pressure can be set to 1 bar). In closed systems, Pb indicates the system pressure in bar.
NPSH	= Net Positive Suction Head in meters head. (To be read from the NPSH curve at the highest flow the pump will be delivering.)
H_f	= Friction loss in suction pipe in meters head. (At the highest flow the pump will be delivering.)
H_v	= Vapor pressure in meters head. (To be read from the vapor pressure scale. "Hv" depends on the liquid temperature "tm")
H_s	= Safety margin=minimum 0.5 meters head.

If the "H" calculated is positive, the pump can operate at a suction lift of maximum "H" meters head.
If the "H" calculated is negative, an inlet pressure of minimum "H" meters head is required.



Note: To avoid cavitation,never select a pump with a duty point too far to the right on the NPSH curve. Always check the NPSH value of the pump at the highest possible flow.

Maximum Inlet Pressure

The following table shows the maximum permissible inlet pressure. However, the current inlet pressure + the pressure against a closed valve must always be lower than the Max. permissible operating pressure. If the maximum permissible operating pressure is exceeded, the bearing in the motor may be damaged and the life of the shaft seal reduced.

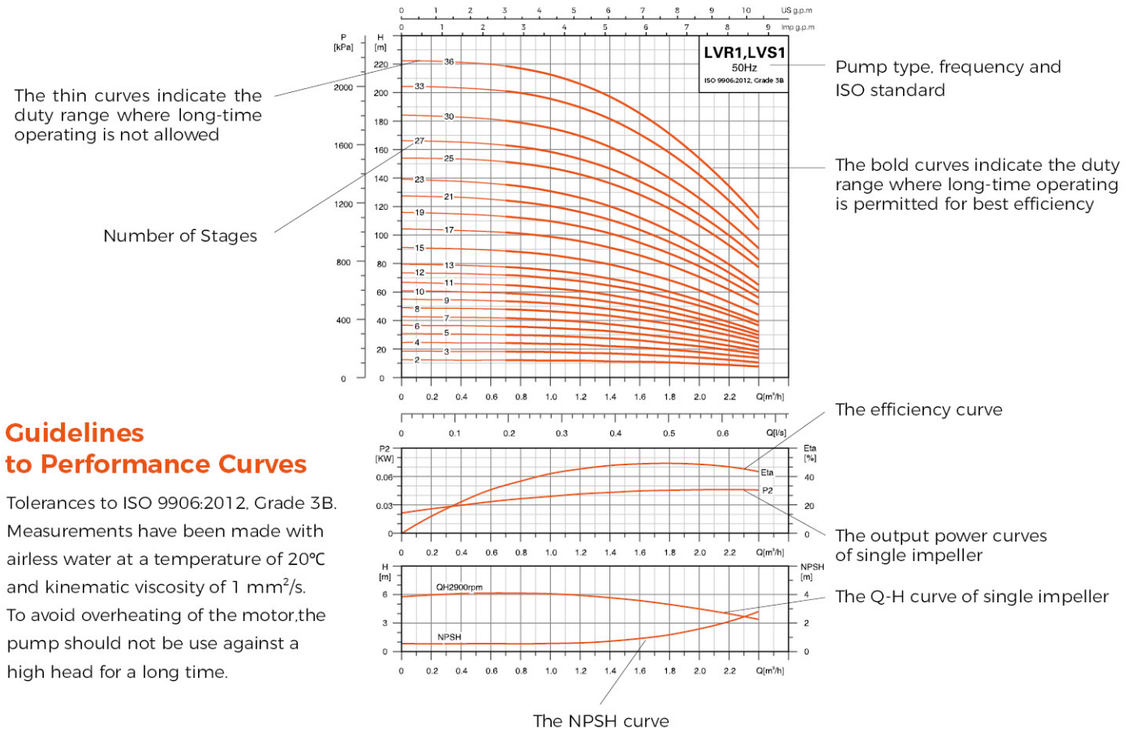
Note: Please contact us for evaluation if the maximum inlet pressure exceeds the data provided in the table.

Model	Max. Inlet Pressure (bar)
LVR(S) 1-2 - 1-36	10
LVR(S) 2-2	6
LVR(S) 2-3 - 2-12	10
LVR(S) 2-13 - 2-26	15
LVR(S) 3-2 - 3-29	10
LVR(S) 3-31 - 3-36	15
LVR(S) 4-2	6
LVR(S) 4-3 - 4-11	10
LVR(S) 4-12 - 4-22	15
LVR(S) 5-2 - 5-16	10
LVR(S) 5-18 - 5-29	15
LVR(S) 10-1 - 10-6	8
LVR(S) 10-7 - 10-22	10
LVR(S) 15-1 - 15-3	8
LVR(S) 15-4 - 15-17	10
LVR(S) 20-1 - 20-3	8
LVR(S) 20-4 - 20-17	10
LVR(S) 32-1-1 - 32-4	4
LVR(S) 32-5-2 - 32-10	10
LVR(S) 32-11 - 32-14	15
LVR(S) 45-1-1 - 45-2	4
LVR(S) 45-3-2 - 45-5	10
LVR(S) 45-6-2 - 45-13-2	15
LVR(S) 64-1-1 - 64-2-2	4
LVR(S) 64-2-1 - 64-4-2	10
LVR(S) 64-4-1 - 64-8-1	15
LVR(S) 90-1-1 - 90-1	4
LVR(S) 90-2-2 - 90-3-2	10
LVR(S) 90-3 - 90-6	15
LVR(S) 120-1 - 120-2-1	10
LVR(S) 120-2 - 120-5-1	15
LVR(S) 120-5 - 120-7	20
LVR(S) 150-1-1 - 150-2-2	10
LVR(S) 150-2-1 - 150-4-1	15
LVR(S) 150-4 - 150-6	20
LVR(S) 200-1-D	10
LVR(S) 200-1-C - 200-2-2C	15
LVR(S) 200-2-C - 200-4	20

Model	LVR Max. Operating pressure (bar)		LVS Max. Operating pressure (bar)
	Oval Flange	DIN Flange	
LVR(S)1	16	25	25
LVR(S)2	16	25	25
LVR(S)3	16	25	25
LVR(S)4	16	25	25
LVR(S)5	16	25	25
LVR(S)10	25	25	25
LVR(S)15	25	25	25
LVR(S)20	25	25	25
LVR(S)32-1-1 - 32-7	16	16	16
LVR(S)32-8-2 - 32-14	30	30	30
LVR(S)45-1-1 - 45-5	16	16	16
LVR(S)45-6-2 - 45-11	30	30	30
LVR(S)45-12-2 - 45-13-2	33	33	33
LVR(S)64-1-1 - 64-5	16	16	16
LVR(S)64-6-2 - 64-8-1	30	30	30
LVR(S)90-1-1 - 90-4	16	16	16
LVR(S)90-5-2 - 90-4	30	30	30
LVR(S)120-1 - 120-7	20	20	20
LVR(S)150-1-1 - 150-6	20	20	20
LVR(S)200-1-D - 200-4	20	20	20

Note: When the water temperature exceeds 50˚C and the maximum operating pressure exceeds 30 bar, it is necessary to communicate in advance regarding the selection of mechanical seals.

How to Read the Curve Charts



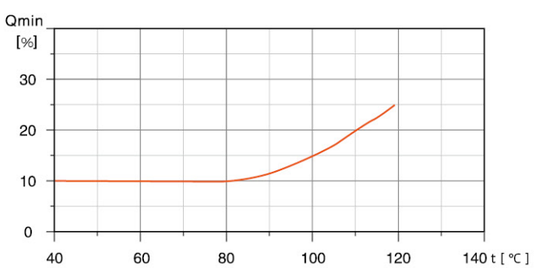
Guidelines to Performance Curves

Tolerances to ISO 9906:2012, Grade 3B. Measurements have been made with airless water at a temperature of 20℃ and kinematic viscosity of 1 mm^2/s. To avoid overheating of the motor,the pump should not be use against a high head for a long time.

Minimum Flow Rate

Due to the risk of overheating, the pump should not be used at a flow below the minimum flow rate. The curve below shows the minimum flow rate as a percentage of the nominal flow rate in relation to the liquid temperature.

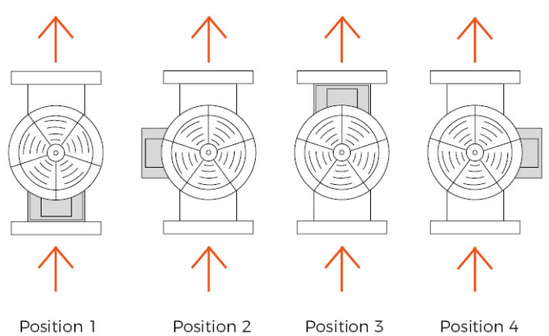
Air cooling apparatus



Note: The outlet valve must be opened when the pump is in operation.

Terminal Box Positions

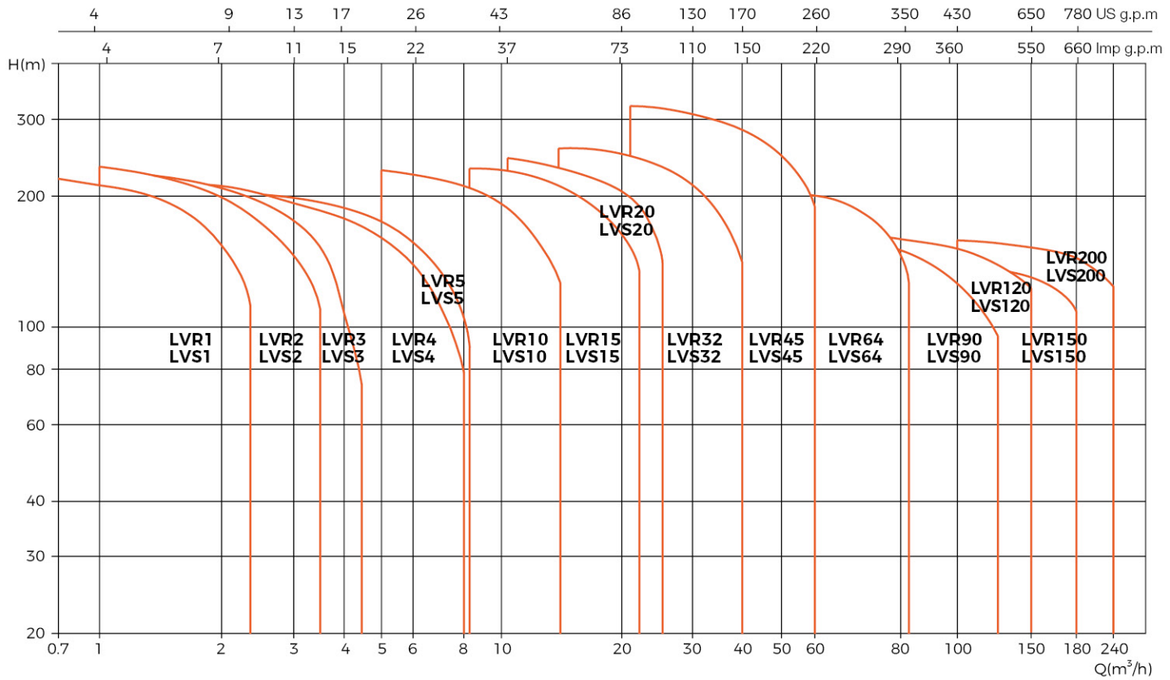
(Note: set to position 1 before delivery)



Product Range

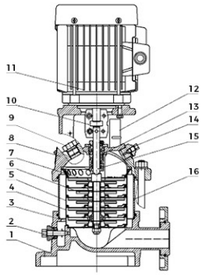
Model / Description	LVR(S) 1	LVR(S) 2	LVR(S) 3	LVR(S) 4	LVR(S) 5	LVR(S) 10	LVR(S) 15	LVR(S) 20	LVR(S) 32	LVR(S) 45	LVR(S) 64	LVR(S) 90	LVR(S) 120	LVR(S) 150	LVR(S) 200
Rated flow(m^3/h)	1	2	3	4	5	10	15	20	32	45	64	90	120	150	200
Flow range(m^3/h)	0.7-2.4	1.0-3.5	1.2-4.5	1.5-8	2.5-8.5	5-13	8-23	10.5-29	15-40	22-58	30-85	45-120	60-150	80-180	100-240
Max.pressure(bar)	22	23	24	21	24	22	23	25	28	33	22	20	16	16	16
Motor power(kW)	0.37-2.2	0.37-3	0.37-3	0.37-4	0.37-4	1.1-7.5	1.1-15	1.1-18.5	1.5-30	3-45	4-45	5.5-45	11-75	11-75	18.5-110
Temperature range(℃)	-20℃ ~+120℃ (Note: Both the Max. permissible pressure and liquid temperature range refer to the pump capacity.)														
Max.pump efficiency(%)	42	47.5	58	57.5	70	72	70.3	72.9	74.6	77.7	78.8	78.9	72	72	76
Pipe connection-LVR															
Oval flange (Standard)	G1	G1	G1	G1 1/4	G1 1/4	-	-	-	-	-	-	-	-	-	-
DIN flange	DN25/32	DN25/32	DN25/32	DN25/32	DN25/32	DN40	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150
Pipe connection-LVS															
DIN flange (Standard)	DN25/32	DN25/32	DN25/32	DN25/32	DN25/32	DN40	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150
Clamp connector	Φ42	Φ42	Φ42	Φ42	Φ42	-	-	-	-	-	-	-	-	-	-
Threaded connector	R_2 1 1/4	R_2 1 1/4	R_2 1 1/4	R_2 1 1/4	R_2 1 1/4	-	-	-	-	-	-	-	-	-	-

Scope of Performance-LVR,LVS



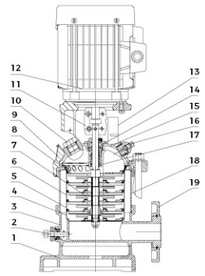
LVS/LVR Stainless Steel Vertical Multistage Pump

Cross Section



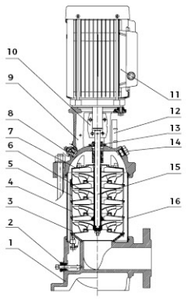
MODEL: LVR1 (2,3,4,5)

No.	Part	Material
1	Base	Cast iron
2	Drain bolt assembly	SS304
3	Primary diffuser	SS304
4	Diffuser with bearing	SS304
5	Medium diffuser	SS304
6	Impeller	SS304
7	Final diffuser	SS304
8	Motor base	Cast iron
9	Filling plug(optional)	SS304
10	Coupling	Iron based powder metallurgy
11	Motor	
12	Guard plate	SS304
13	Cartridge seal	
14	Vent valve assembly	SS304
15	Pump shaft	SS316
16	Pump barrel	SS304



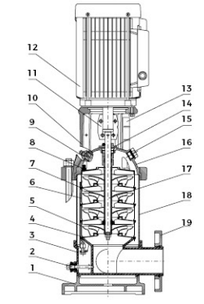
MODEL: LVS1 (2,3,4,5)

No.	Part	Material	Optional Material
1	Base plate	ADC 12	
2	Drain bolt assembly	SS304	SS316
3	Pedestal	SS304	SS316
4	Primary diffuser	SS304	SS316
5	Diffuser with bearing	SS304	SS316
6	Medium diffuser	SS304	SS316
7	Impeller	SS304	SS316
8	Final diffuser	SS304	SS316
9	Motor base	Cast iron	
10	Filling plug(optional)	SS304	
11	Coupling	Iron based powder metallurgy	
12	Motor		
13	Guard plate	SS304	
14	Cartridge seal		
15	Pump cover	SS304	SS316
16	Vent valve assembly	SS304	SS316
17	Pump shaft	SS316	
18	Pump barrel	SS304	SS316
19	Flange	ZG 35	



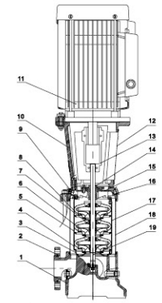
MODEL: LVR10 (15,20)

No.	Part	Material
1	Base	Cast iron
2	Drain bolt assembly	SS304
3	Primary diffuser	SS304
4	Diffuser with bearing	SS304
5	Medium diffuser	SS304
6	Impeller	SS304
7	Final diffuser	SS304
8	Vent valve assembly	SS304
9	Motor base	Cast iron
10	Coupling	Iron based powder metallurgy/Ductle iron
11	Motor	
12	Guard plate	SS304
13	Cartridge seal	
14	Filling plug(optional)	SS304
15	Pump shaft	SS316
16	Pump barrel	SS304



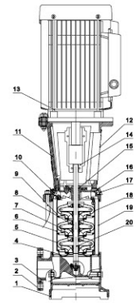
MODEL: LVS10 (15,20)

No.	Part	Material	Optional Material
1	Base plate	ADC 12	
2	Drain bolt assembly	SS304	SS316
3	Pedestal	SS304	SS316
4	Primary diffuser	SS304	SS316
5	Diffuser with bearing	SS304	SS316
6	Medium diffuser	SS304	SS316
7	Impeller	SS304	SS316
8	Final diffuser	SS304	SS316
9	Vent valve assembly	SS304	SS316
10	Motor base	Cast iron	
11	Coupling	Iron based powder metallurgy/Ductle iron	
12	Motor		
13	Guard plate	SS304	
14	Cartridge seal		
15	Filling plug(optional)	SS304	
16	Pump cover	SS304	SS316
17	Pump shaft	SS316	
18	Pump barrel	SS304	SS316
19	Flange	ZG 35	



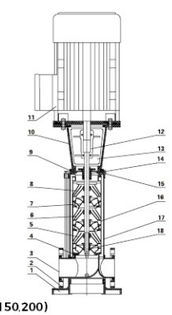
MODEL: LVR32 (45,64,90)

No.	Part	Material
1	Base	Cast iron
2	Flange	ZG 35
3	Primary diffuser	SS304
4	Medium diffuser	SS304
5	Diffuser with bearing	SS304
6	Impeller	SS304
7	Driver	
8	Final diffuser	SS304
9	Vent valve assembly	SS304
10	Motor base	Cast iron
11	Motor	
12	Guard plate	SS304
13	Coupling	Ductle iron
14	Cartridge seal	
15	Pump head	Cast iron
16	Filling plug	SS304
17	Tension strip	SS304
18	Pump barrel	SS304
19	Pump shaft	SS304



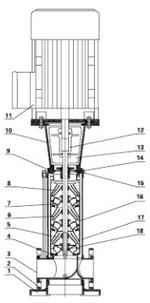
MODEL: LVS32 (45,64,90)

No.	Part	Material	Optional Material
1	Base plate	Cast iron	
2	Flange	ZG35	
3	Pedestal	SS304	SS316
4	Primary diffuser	SS304	SS316
5	Medium diffuser	SS304	SS316
6	Diffuser with bearing	SS304	SS316
7	Impeller	SS304	SS316
8	Driver		
9	Final diffuser	SS304	SS316
10	Vent valve assembly	SS304	SS316
11	Motor base	Cast iron	
12	Guard plate	SS304	
13	Motor		
14	Coupling	Ductle iron	
15	Cartridge seal		
16	Pump head	SS304	SS316
17	Filling plug	SS304	SS316
18	Tension strip	SS304	SS316
19	Pump barrel	SS304	SS316
20	Pump shaft	SS304	SS316



MODEL: LVR120 (150,200)

No.	Part	Material
1	Base plate	Cast iron
2	Flange	ZG 35
3	Base	Cast iron
4	Primary diffuser	SS304
5	Diffuser with bearing	SS304
6	Medium diffuser	SS304
7	Impeller	SS304
8	Final diffuser	SS304
9	Pump head	Cast iron
10	Motor base	Cast iron
11	Motor	
12	Coupling	Ductle iron
13	Guard plate	SS304
14	Cartridge seal	
15	Filling plug	SS304
16	Tension strip	SS304
17	Pump barrel	SS304
18	Pump shaft	SS304

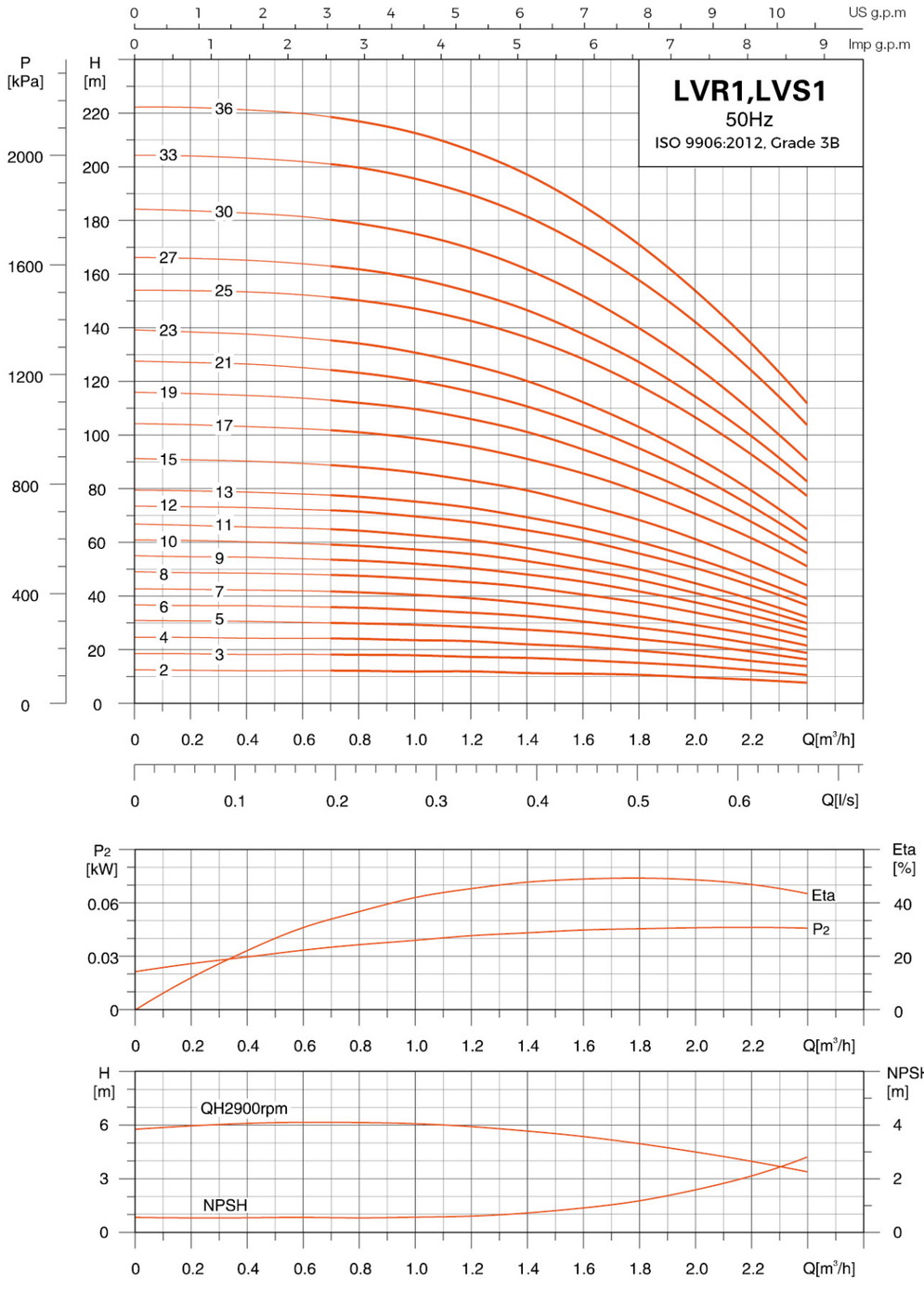


MODEL: LVS120 (150,200)

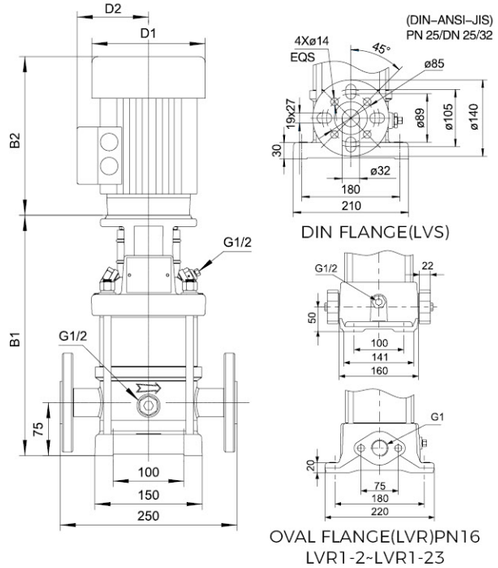
No.	Part	Material	Optional Material
1	Base plate	Cast iron	
2	Flange	ZG 35	
3	Pedestal	SS304	SS316
4	Primary diffuser	SS304	SS316
5	Diffuser with bearing	SS304	SS316
6	Medium diffuser	SS304	SS316
7	Impeller	SS304	SS316
8	Final diffuser	SS304	SS316
9	Pump head	SS304	SS316
10	Motor base	Cast iron	
11	Motor		
12	Coupling	Ductle iron	
13	Guard plate	SS304	
14	Cartridge seal		
15	Filling plug	SS304	SS316
16	Tension strip	SS304	SS316
17	Pump barrel	SS304	SS316
18	Pump shaft	SS304	SS316

LVS/LVR Stainless Steel Vertical Multistage Pump

Hydraulic Performance Curves



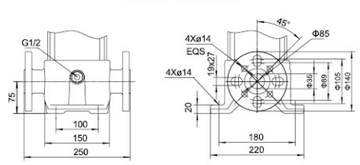
Dimension



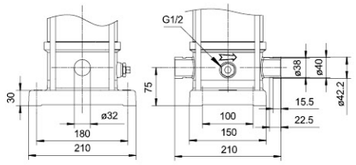
DIN FLANGE(LVS)

OVAL FLANGE(LVR)PN16
LVR1-2~LVR1-23

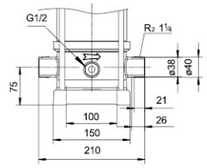
PN25 / DN25/32



DIN FLANGE(LVR)



CLAMP CONNECTOR(LVS)



THREADED CONNECTOR(LVS)

Model	OVAL FLANGE (LVR)		DIN FLANGE (LVR、LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2	B1	B1+B2				
1-2	256	470	282	496	130	105	20.4	V18
1-3	256	470	282	496	130	105	21.2	
1-4	274	488	300	514	130	105	21.8	
1-5	292	506	318	532	130	105	22.4	
1-6	310	524	336	550	130	105	22.4	
1-7	328	542	354	568	130	105	24.2	
1-8	346	560	372	586	130	105	24.5	
1-9	364	578	390	604	130	105	24.7	
1-10	382	596	408	622	130	105	25.1	
1-11	400	614	426	640	130	105	25.5	
1-12	422	690	448	716	150	124.5	27.8	
1-13	440	708	466	734	150	124.5	28.2	
1-15	476	744	502	770	150	124.5	29.1	
1-17	512	780	538	806	150	124.5	31.5	
1-19	548	816	574	842	150	124.5	33	
1-21	584	852	610	878	150	124.5	33	
1-23	620	888	646	914	150	124.5	34.9	
1-25	-	-	698	1016	163.6	127.4	41.5	
1-27	-	-	734	1052	163.6	127.4	43.6	
1-30	-	-	788	1106	163.6	127.4	43.9	
1-33	-	-	842	1160	163.6	127.4	46.9	
1-36	-	-	896	1214	163.6	127.4	47.9	

Note: B1 and B1+B2 of clamp connector and threaded connector are in compliance with that of DIN flange.

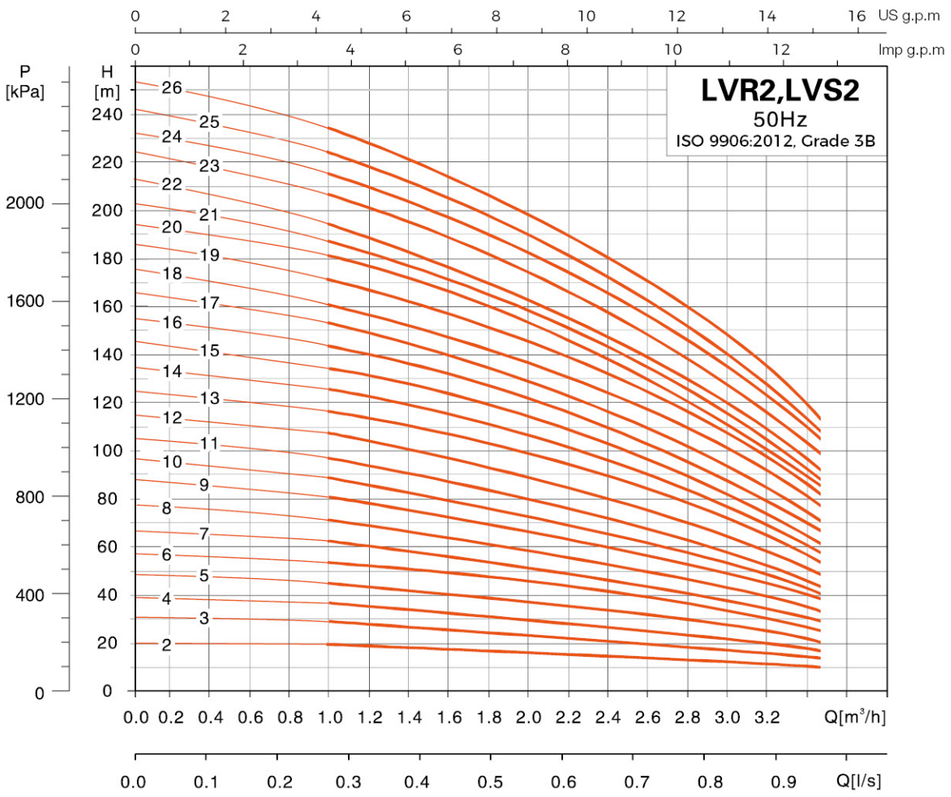
Technical Data

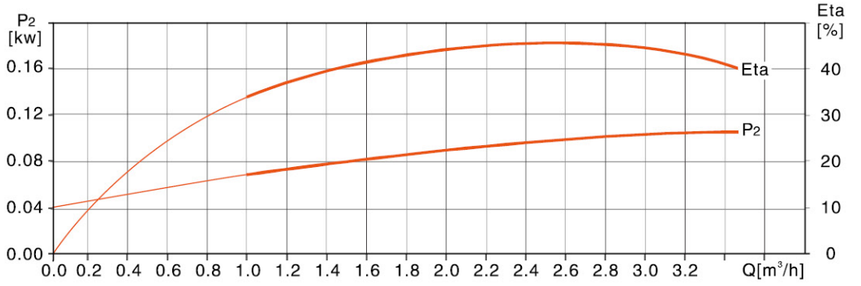
Model	Power	Voltage	Max. Flow	Max. Head	Part No. (LVS-SS304)	Price	Part No. (LVS-SS316)	Price	Part No. (LVR)	Price
	kW	V	m³/h	m		€		€		€
LVR(S)1-2*	0.37	400	2.4	12	5070685001	853.76	5070575001	964.14	5070023001	619.98
LVR(S)1-3*	0.37		2.4	18	5069609001	856.00	5070587001	966.77	5070036001	622.96
LVR(S)1-4*	0.37		2.4	24	5069633001	871.61	5070600001	990.93	5070047001	639.30
LVR(S)1-5*	0.37		2.4	30	5069644001	887.60	5070615001	1,015.09	5070064001	655.29
LVR(S)1-6*	0.37		2.4	36	5069658001	903.20	5070628001	1,039.25	5070080001	670.16
LVR(S)1-7*	0.37		2.4	42	5069673001	918.45	5070641001	1,062.29	5070095001	684.64
LVR(S)1-8*	0.55		2.4	48	5069684001	947.07	5070656001	1,099.46	5070113001	710.66
LVR(S)1-9*	0.55		2.4	54	5069698001	962.28	5070671001	1,123.62	5070130001	730.37
LVR(S)1-10*	0.55		2.4	59	5069712001	1,007.27	5069612001	1,174.14	5070152001	777.21
LVR(S)1-11*	0.55		2.4	65	5069724001	1,027.33	5069631001	1,202.79	5070169001	793.17
LVR(S)1-12*	0.75		2.4	72	5069735001	1,141.46	5069645001	1,325.80	5070184001	911.37
LVR(S)1-13*	0.75		2.4	78	5069749001	1,158.54	5069659001	1,351.08	5070199001	926.97
LVR(S)1-15*	0.75		2.4	90	5069762001	1,189.01	5069674001	1,397.93	5070211001	957.09
LVR(S)1-17*	1.1		2.4	102	5046123002	1,267.84	5069688001	1,493.44	5070231001	1,037.39
LVR(S)1-19*	1.1		2.4	114	5069791001	1,286.77	5069703001	1,529.49	5070247001	1,068.60
LVR(S)1-21*	1.1		2.4	125	5046501002	1,360.76	5069717001	1,618.69	5070266001	1,130.31
LVR(S)1-23*	1.1		2.4	136	5069817001	1,395.30	5069731001	1,669.26	5070281001	1,165.24
LVR(S)1-25*	1.5		2.4	152	5069829001	1,550.67	5069746001	1,841.32	5070296001	1,320.96
LVR(S)1-27*	1.5		2.4	164	5069841001	1,583.00	5069758001	1,891.15	5070311001	1,346.98
LVR(S)1-30*	1.5		2.4	181	5069855001	1,659.97	5069771001	1,989.99	5070327001	1,429.52
LVR(S)1-33*	2.2		2.4	202	5069870001	1,754.36	5069786001	2,109.70	5070343001	1,520.58
LVR(S)1-36*	2.2		2.4	220	5054083002	1,804.54	5069801001	2,185.51	5070359001	1,571.85

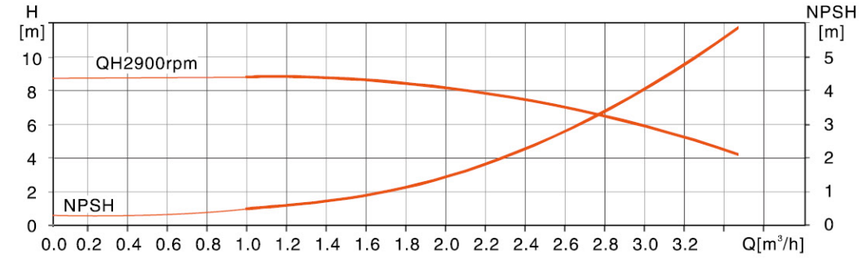
* means have single-phase configuration. The above part No. refer to flange connection

LVS/LVR Stainless Steel Vertical Multistage Pump

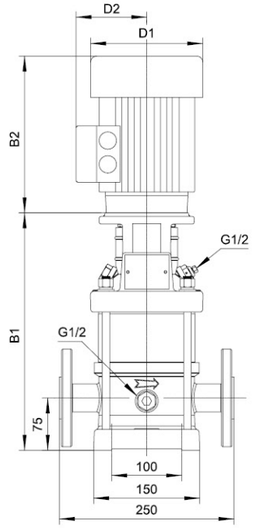
Hydraulic Performance Curves

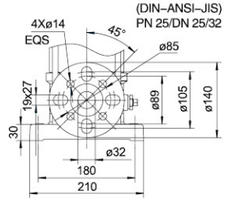




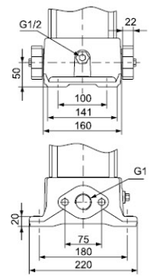


Dimension





DIN FLANGE(LVS)

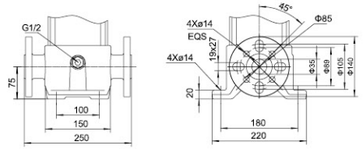


OVAL FLANGE(LVR)PN16
LVR2-2~LVR2-16

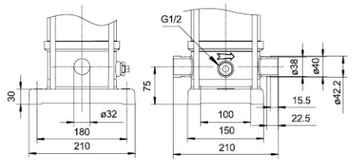
Model	OVAL FLANGE (LVR)		DIN FLANGE (LVR、LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2	B1	B1+B2				
2-2	256	470	282	496	130	105	22.3	V18
2-3	256	470	282	496	130	105	22.5	
2-4	274	488	300	514	130	105	22.3	
2-5	292	506	318	532	130	105	22.8	
2-6	314	582	340	608	149.6	124.5	26.6	
2-7	332	600	358	626	149.6	124.5	27.1	
2-8	350	618	376	644	150	124.5	29.1	
2-9	368	636	394	662	150	124.5	29.5	
2-10	386	654	412	680	150	124.5	30	
2-11	404	672	430	698	150	124.5	30.4	
2-12	438	756	464	782	163.6	127	35.9	
2-13	456	774	482	800	163.6	127	36.2	
2-14	474	792	500	818	163.6	127	37.8	
2-15	492	810	518	836	164	127	38.1	
2-16	510	828	536	854	164	127	40.9	
2-17	-	-	554	872	164	127	40.9	
2-18	-	-	572	890	164	127	41	
2-19	-	-	590	908	164	127	42.2	
2-20	-	-	608	926	164	127	42.7	
2-21	-	-	626	944	164	127	43.1	
2-22	-	-	644	962	164	127	46.6	
2-23	-	-	666	1006	185.5	120	50.4	
2-24	-	-	684	1024	185.5	120	50.8	
2-25	-	-	702	1042	185.5	120	51.2	
2-26	-	-	720	1060	185.5	120	51.6	

Note: B1 and B1+B2 of clamp connector and threaded connector are in compliance with that of DIN flange.

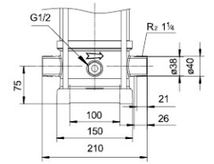
PN25 / DN25/32



DIN FLANGE(LVR)



CLAMP CONNECTOR(LVS)



THREADED CONNECTOR(LVS)

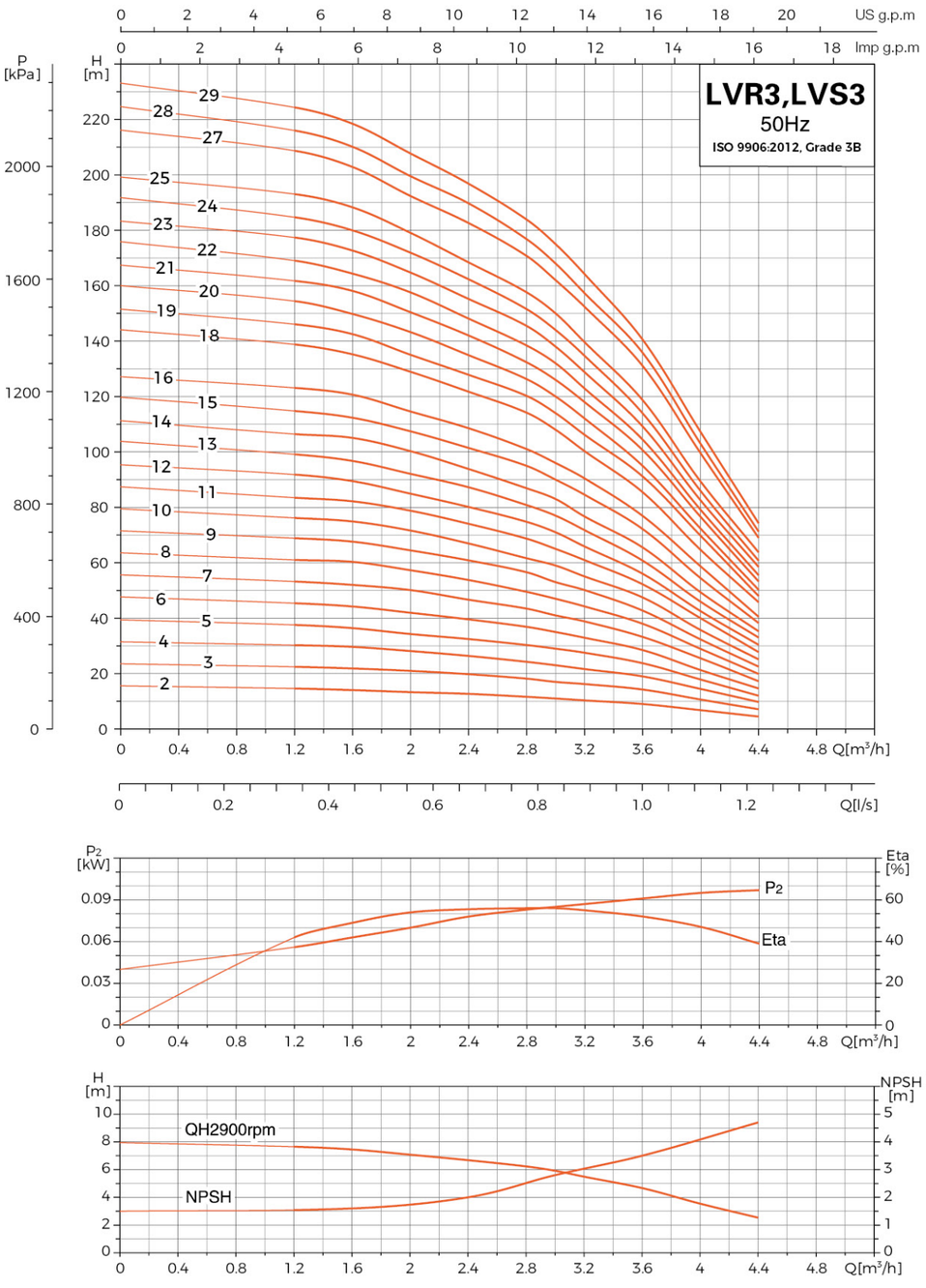
Technical Data

Model	Power	Voltage	Max. Flow	Max. Head	Part No.	Price	Part No.	Price	Part No.	Price
	kW	V	m³/h	m	(LVS-SS304)	€	(LVS-SS316)	€	(LVR)	€
LVR(S)2-2*	0.37	400	3.5	18	5069895001	855.27	5069812001	965.65	5070376001	622.19
LVR(S)2-3*	0.37		3.5	27	5069908001	857.48	5069823001	968.63	5070390001	623.31
LVR(S)2-4*	0.55		3.5	36	5069922001	886.86	5069839001	1,006.54	5070405001	653.43
LVR(S)2-5*	0.55		3.5	45	5056782002	902.46	5069852001	1,030.70	5070421001	669.04
LVR(S)2-6*	0.75		3.5	53	5069955001	1,019.90	5069866001	1,156.33	5070436001	789.10
LVR(S)2-7*	0.75		3.5	63	5066305002	1,035.53	5069881001	1,180.84	5070452001	804.70
LVR(S)2-8*	1.1		3.5	71	5069984001	1,094.62	5069894001	1,248.13	5070464001	854.14
LVR(S)2-9*	1.1		3.5	80	5046122002	1,111.34	5069904001	1,273.41	5070476001	880.16
LVR(S)2-10*	1.1		3.5	89	5070013001	1,157.07	5069916001	1,325.80	5070493001	927.36
LVR(S)2-11*	1.1		3.5	98	5066306002	1,176.77	5069931001	1,353.33	5060808002	945.21
LVR(S)2-12*	1.5		3.5	107	5070037001	1,313.18	5069945001	1,499.02	5070524001	1,086.06
LVR(S)2-13*	1.5		3.5	116	5070050001	1,332.50	5069958001	1,526.90	5070542001	1,102.79
LVR(S)2-14*	1.5		3.5	125	5070066001	1,345.51	5069967001	1,548.07	5070556001	1,116.18
LVR(S)2-15*	1.5		3.5	134	5059097003	1,363.70	5069981001	1,575.56	5070569001	1,134.38
LVR(S)2-16*	2.2		3.5	143	5070097001	1,437.31	5069991001	1,657.34	5070583001	1,199.08
LVR(S)2-17*	2.2		3.5	152	5070115001	1,444.74	5070008001	1,672.97	5070594001	1,215.03
LVR(S)2-18*	2.2		3.5	161	5059098002	1,461.46	5070024001	1,699.34	5070605001	1,232.53
LVR(S)2-19*	2.2		3.5	170	5070151001	1,476.72	5070042001	1,722.77	5070622001	1,247.01
LVR(S)2-20*	2.2		3.5	179	5070167001	1,524.30	5070057001	1,777.78	5070636001	1,294.59
LVR(S)2-21*	2.2		3.5	188	5070182001	1,538.40	5070067001	1,800.08	5070650001	1,309.46
LVR(S)2-22*	2.2		3.5	197	5070195001	1,555.51	5070082001	1,825.37	5070664001	1,335.83
LVR(S)2-23*	3		3.5	205	5070212001	1,721.64	5070098001	2,000.06	5070679001	1,483.77
LVR(S)2-24*	3		3.5	214	5070227001	1,742.82	5070110001	2,029.79	5070689001	1,505.72
LVR(S)2-25*	3		3.5	223	5070243001	1,757.34	5070125001	2,053.18	5070692001	1,526.16
LVR(S)2-26*	3		3.5	232	5070257001	1,776.66	5070148001	2,081.06	5069618001	1,543.97

* means have single-phase configuration. The above part No. refer to flange connection

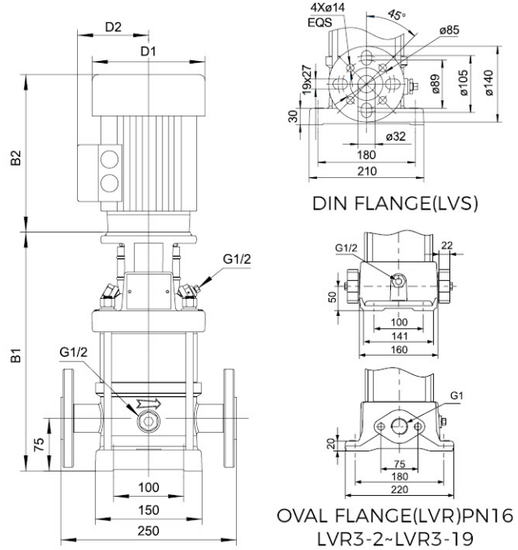
LVS/LVR Stainless Steel Vertical Multistage Pump

Hydraulic Performance Curves



Dimension

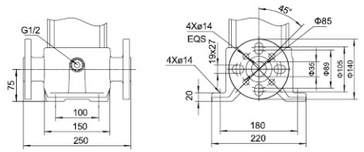
(DIN-ANSI-JIS)
PN 25/DN 25/32



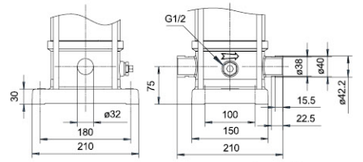
Model	OVAL FLANGE (LVR)		DIN FLANGE (LVR、LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2	B1	B1+B2				
3-2	256	470	282	496	130	105	22.0	V18
3-3	256	470	282	496	130	105	22.0	
3-4	274	488	300	514	130	105	22.5	
3-5	292	506	318	532	130	105	23.8	
3-6	310	524	336	550	130	105	23.8	
3-7	332	536	358	562	130	105	24.8	
3-8	350	554	376	580	130	105	25.8	
3-9	368	639	394	665	150	125	31.0	
3-10	386	657	412	683	150	125	31.3	
3-11	404	675	430	701	150	125	31.8	
3-12	422	693	448	719	150	125	32.0	
3-13	456	731	482	757	150	125	35.5	
3-14	474	749	500	775	150	125	35.5	
3-15	492	767	518	793	150	125	36.0	
3-16	510	785	536	811	150	125	36.0	
3-18	546	821	572	847	150	125	37.0	
3-19	564	839	590	865	150	125	37.3	
3-20	-	-	608	883	150	125	37.8	
3-21	-	-	626	901	150	125	37.8	
3-22	-	-	644	919	150	125	38.3	
3-23	-	-	662	937	150	125	38.5	
3-24	-	-	680	955	150	125	39.0	
3-25	-	-	702	1045	186	120	50.8	
3-27	-	-	738	1081	186	120	51.5	
3-28	-	-	756	1099	186	120	52.0	
3-29	-	-	774	1117	186	120	52.0	

Note: B1 and B1+B2 of clamp connector and threaded connector are in compliance with that of DIN flange.

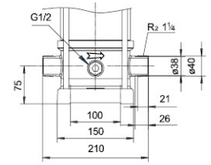
PN25 / DN25/32



DIN FLANGE(LVR)



CLAMP CONNECTOR(LVS)



THREADED CONNECTOR(LVS)

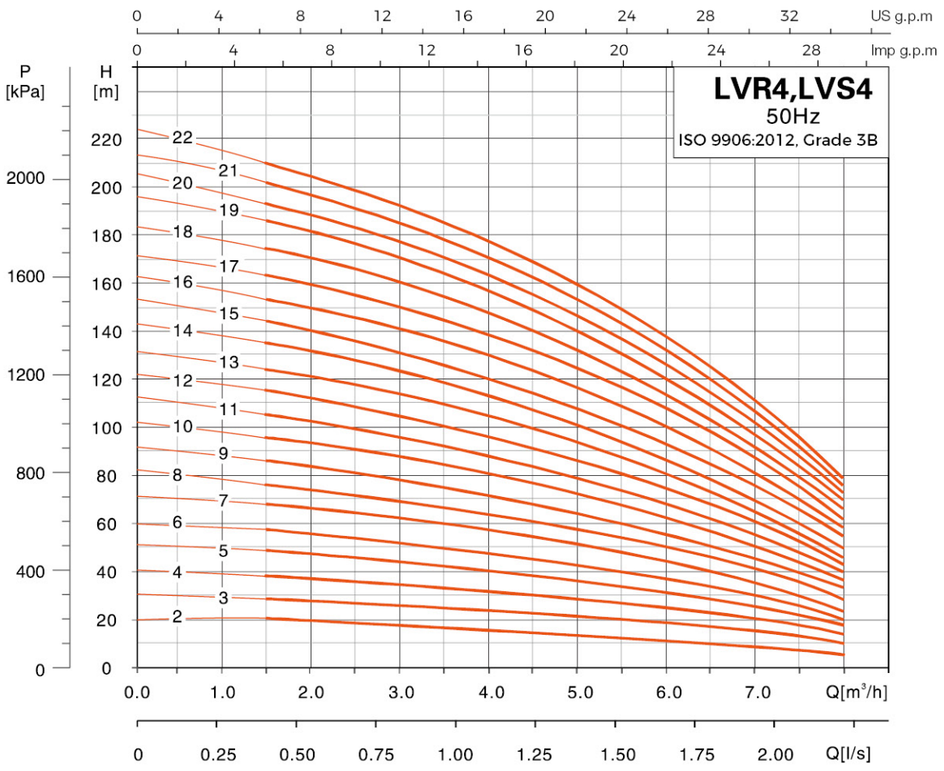
Technical Data

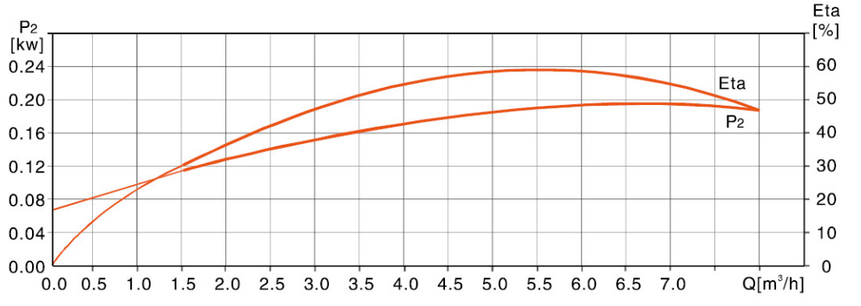
Model	Power	Voltage	Max. Flow	Max. Head	Part No. (LVS-SS304)	Price	Part No. (LVS-SS316)	Price	Part No. (LVR)	Price
	kW	V	m³/h	m		€		€		€
LVR(S)3-2*	0.37	400	4.4	15.6	5070273001	853.76	5070166001	964.91	5069630001	616.62
LVR(S)3-3*	0.37		4.4	23.5	5070288001	855.62	5070180001	966.39	5069647001	622.96
LVR(S)3-4*	0.37		4.4	31.5	5070303001	871.61	5070194001	990.93	5069661001	638.92
LVR(S)3-5*	0.55		4.4	39.4	5070318002		5070210002		5069677002	666.51
LVR(S)3-6*	0.55		4.4	47.7	5070332001	915.47	5070222001	1,051.14	5069693001	682.43
LVR(S)3-7*	0.75		4.4	55.6	5070347002		5070239002		5069702002	712.34
LVR(S)3-8*	0.75		4.4	63.6	5070363001	1,048.89	5070255001	1,201.67	5069716001	818.45
LVR(S)3-9*	1.1		4.4	71.5	5070380002		5070271002		5069730003	849.8
LVR(S)3-10*	1.1		4.4	79.5	5070396002		5070287002		5069744002	896.01
LVR(S)3-11*	1.1		4.4	87.4	5070412001	1,172.67	5070302001	1,348.84	5069760001	939.98
LVR(S)3-12*	1.1		4.4	95.4	5070426001	1,184.56	5070319001	1,367.81	5069773001	955.62
LVR(S)3-13*	1.5		4.4	103.8	5070444002		5070335002		5069787002	989.53
LVR(S)3-14*	1.5		4.4	111.3	5074624001		5074574001		5074633001	
LVR(S)3-15*	1.5		4.4	119.7	5070460002		5070349002		5060810003	1,024.77
LVR(S)3-16*	1.5		4.4	127.1	5074573001		5074612001		5074594001	
LVR(S)3-18*	2.2		4.4	144.1	5074562001		5074580001		5074578001	
LVR(S)3-19*	2.2		4.4	151.5	5070492002		5070382002		5047391003	1,216.75
LVR(S)3-20*	2.2		4.4	160.0	5074634001		5074571001		5074619001	
LVR(S)3-21*	2.2		4.4	167.4	5070507001	1,532.08	5070397001	1,790.06	5069845001	1,303.15
LVR(S)3-22*	2.2		4.4	175.9	5074605001		5074645001		5074616001	
LVR(S)3-23*	2.2		4.4	183.3	5070521001	1,563.68	5070413001	1,838.37	5069860001	1,337.69
LVR(S)3-24*	2.2		4.4	191.8	5074590001		5074621001		5074602001	
LVR(S)3-25*	3		4.4	199.2	5070536002		5070428002		5069873002	1,394.39
LVR(S)3-27*	3		4.4	216.2	5070550002		5070441002		5069886002	1,422.02
LVR(S)3-28*	3		4.4	224.6	5074575001		5074637001		5074566001	
LVR(S)3-29*	3		4.4	233.1	5070566002		5070457002		5069900002	1,491.69

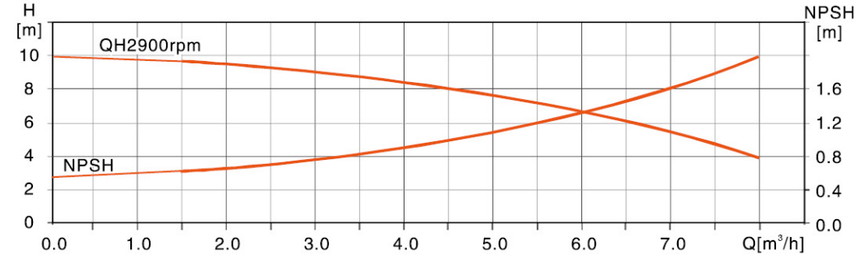
* means have single-phase configuration. The above part No. refer to flange connection

LVS/LVR Stainless Steel Vertical Multistage Pump

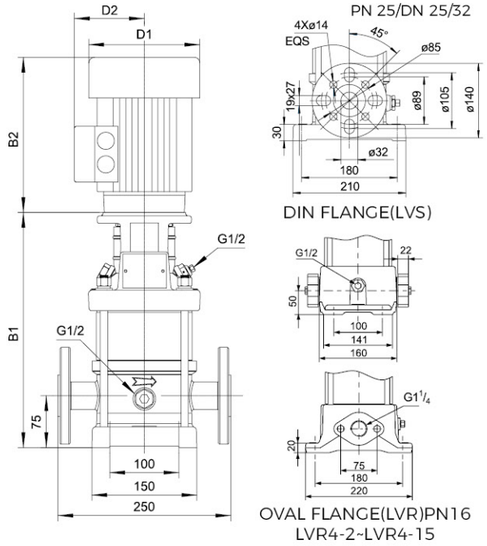
Hydraulic Performance Curves







Dimension



Model	OVAL FLANGE (LVR)		DIN FLANGE (LVR、LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2	B1	B1+B2				
4-2	256	470	282	496	130	105	22.4	V18
4-3	283	497	309	523	130	105	23	
4-4	314	582	340	608	150	125	25.2	
4-5	341	609	367	635	150	125	27.2	
4-6	368	636	394	662	150	125	27.4	
4-7	411	729	437	755	164	127	34.4	
4-8	438	756	464	782	164	127	35.6	
4-9	465	783	491	809	164	127	35.9	
4-10	492	810	518	836	164	127	36.9	
4-11	519	837	545	863	164	127	38.7	
4-12	546	864	572	890	164	127	39.8	
4-13	577	917	603	943	186	120	47.6	
4-14	604	944	630	970	186	120	48.2	
4-15	631	971	657	997	186	120	48.8	
4-16	-	-	684	1024	186	120	47.3	
4-17	-	-	711	1051	186	120	50.9	
4-18	-	-	738	1078	186	120	53.1	
4-19	-	-	765	1105	186	120	53.4	
4-20	-	-	792	1132	186	120	53.6	
4-21	-	-	819	1159	186	120	53.9	
4-22	-	-	846	1186	186	120	54.2	

Note: B1 and B1+B2 of clamp connector and threaded connector are in compliance with that of DIN flange.

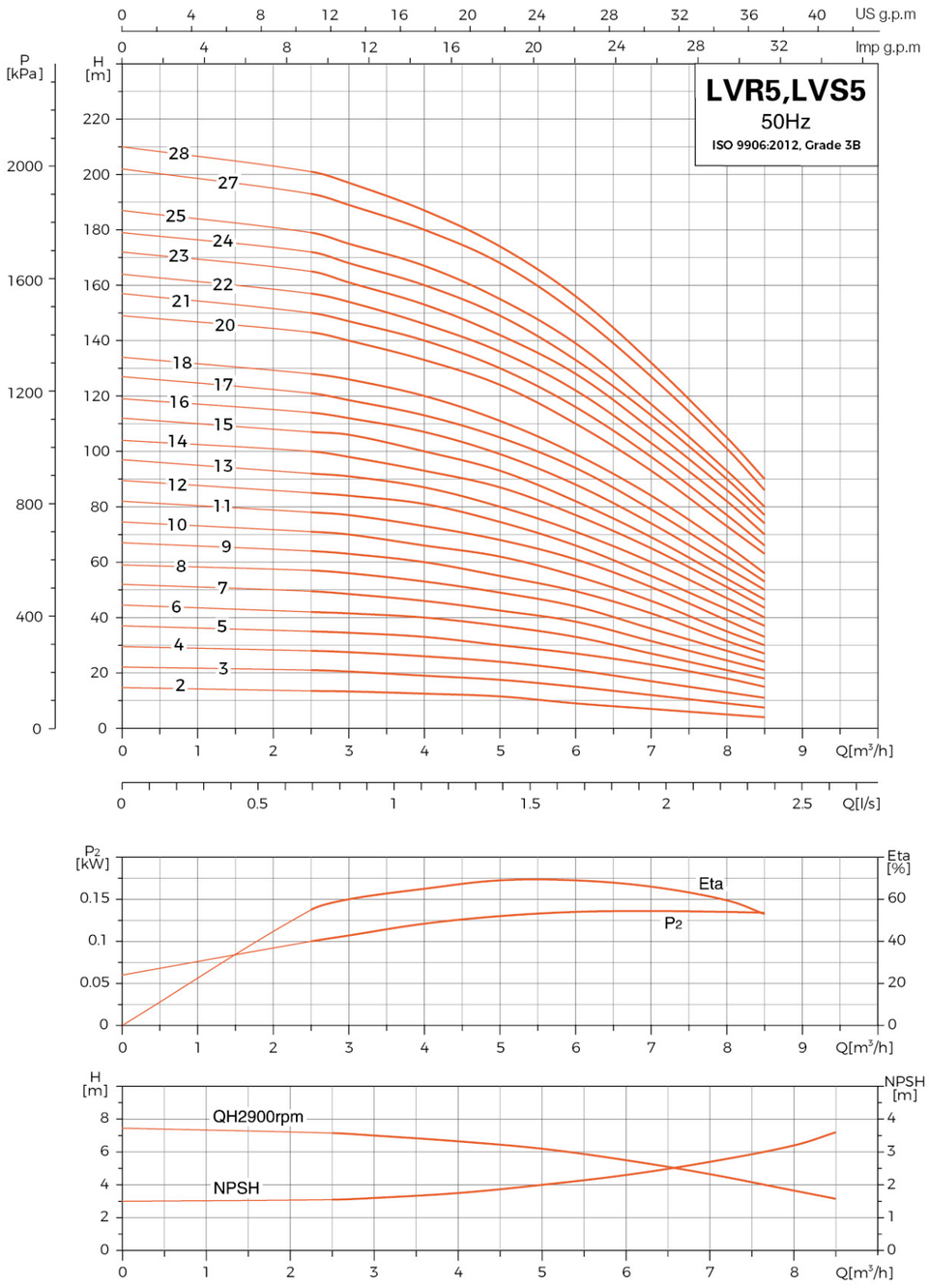
Technical Data

Model	Power	Voltage	Max. Flow	Max. Head	Part No.	Price	Part No.	Price	Part No.	Price
	kW	V	m³/h	m	(LVS-SS304)	€	(LVS-SS316)	€	(LVR)	€
LVR(S)4-2*	0.37	400	8	19	5070617001	851.90	5070520001	963.41	5069957001	618.86
LVR(S)4-3*	0.55		8	28	5070632001	885.35	5070535001	1,008.39	5069974001	652.70
LVR(S)4-4*	0.75		8	38	5070648001	1,007.27	5070551001	1,141.46	5069985001	776.83
LVR(S)4-5*	1.1		8	47	5070662001	1,071.20	5070564001	1,217.66	5069999001	840.75
LVR(S)4-6*	1.1		8	56	5051253002	1,091.64	5070577001	1,248.87	5070010001	860.84
LVR(S)4-7*	1.5		8	66	5070686001	1,235.86	5070590001	1,404.24	5070019001	1,006.54
LVR(S)4-8*	1.5		8	74	5046124002	1,286.77	5070602001	1,464.45	5070034001	1,057.06
LVR(S)4-9*	2.2		8	86	5069622001	1,355.53	5070614001	1,545.09	5070046001	1,127.33
LVR(S)4-10*	2.2		8	96	5046125002	1,376.36	5070627001	1,577.07	5070061001	1,147.78
LVR(S)4-11*	2.2		8	105	5069651001	1,398.66	5070644001	1,609.40	5070079001	1,169.34
LVR(S)4-12*	2.2		8	114	5069665001	1,420.96	5070658001	1,644.71	5070094001	1,191.99
LVR(S)4-13*	3		8	123	5069680001	1,617.57	5070674001	1,849.88	5070112001	1,389.37
LVR(S)4-14*	3		8	136	5046126002	1,642.12	5070684001	1,886.69	5070127001	1,410.16
LVR(S)4-15*	3		8	142	5069707001	1,665.16	5069619001	1,920.88	5070141001	1,430.61
LVR(S)4-16*	3		8	152	5047873002	1,686.72	5069627001	1,953.60	5070157001	1,454.77
LVR(S)4-17	4		8	163	5069736001	1,774.42	5069638001	2,049.85	5070173001	1,549.55
LVR(S)4-18	4		8	175	5069750001	1,808.25	5069653001	2,096.31	5070190001	1,563.68
LVR(S)4-19	4		8	183	5066240002	1,833.54	5069669001	2,132.36	5070205001	1,600.85
LVR(S)4-20	4		8	192	5069776001	1,848.40	5069683001	2,157.25	5070221001	1,615.71
LVR(S)4-21	4		8	203	5069789001	1,874.04	5069696001	2,196.28	5070237001	1,641.00
LVR(S)4-22	4		8	211	5069802001	1,890.02	5069710001	2,222.68	5070253001	1,657.34

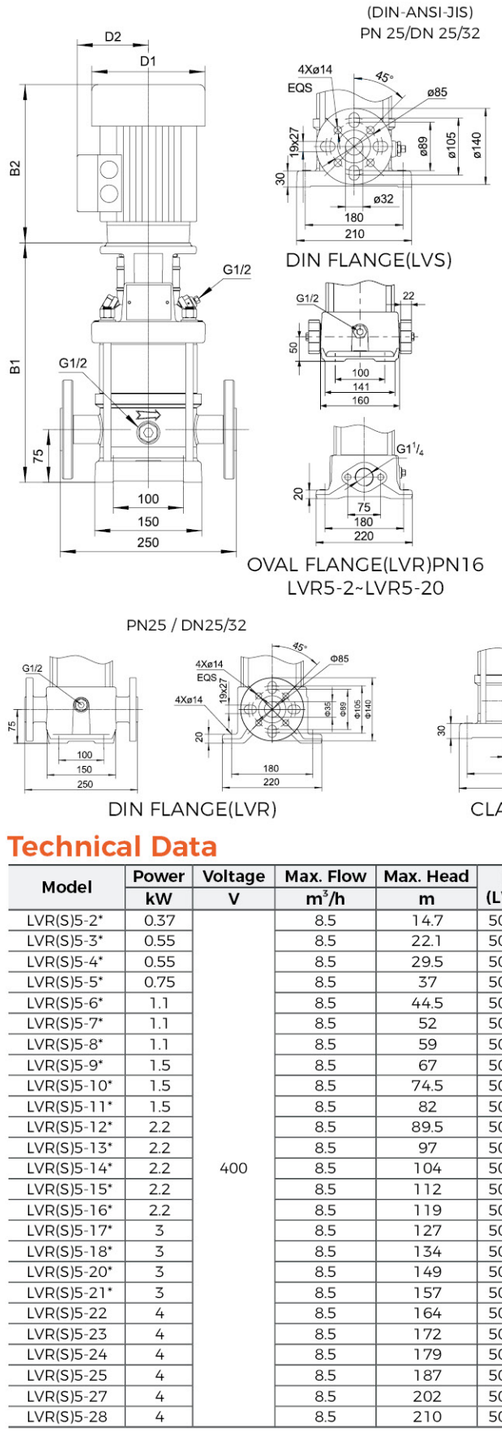
* means have single-phase configuration. The above part No. refer to flange connection

LVS/LVR Stainless Steel Vertical Multistage Pump

Hydraulic Performance Curves

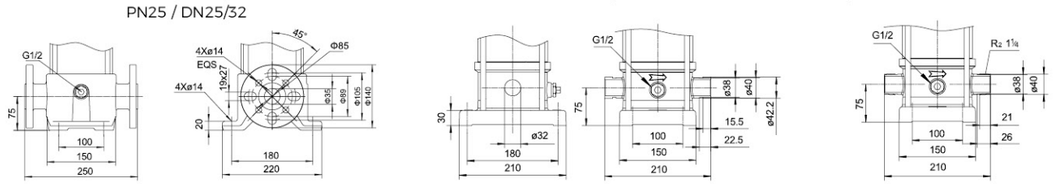


Dimension



Model	OVAL FLANGE (LVR)		DIN FLANGE (LVR、LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2	B1	B1+B2				
5-2	256	470	282	496	130	105	21.8	
5-3	283	497	309	523	130	105	22.8	
5-4	310	524	336	550	130	105	24.0	
5-5	341	545	367	571	130	105	25.3	
5-6	368	639	394	665	150	125	30.5	
5-7	395	666	421	692	150	125	30.8	
5-8	422	693	448	719	150	125	31.3	
5-9	465	740	491	766	150	125	34.8	
5-10	492	767	518	793	150	125	35.0	
5-11	519	794	545	820	150	125	35.8	
5-12	546	821	572	847	150	125	36.8	
5-13	573	848	599	874	150	125	37.8	
5-14	600	875	626	901	150	125	38.5	V18
5-15	627	902	653	928	150	125	39.3	
5-16	654	939	680	955	150	125	39.8	
5-17	685	1028	711	1054	186	120	51.8	
5-18	712	1055	738	1081	186	120	51.8	
5-20	766	1109	792	1135	186	120	54.3	
5-21	-	-	819	1162	186	120	54.3	
5-22	-	-	846	1189	186	120	53.0	
5-23	-	-	873	1216	186	120	53.8	
5-24	-	-	900	1243	186	120	54.8	
5-25	-	-	927	1270	186	120	55.8	
5-27	-	-	981	1324	186	120	57.3	
5-28	-	-	1008	1351	186	120	58.3	

Note: B1 and B1+B2 of clamp connector and threaded connector are in compliance with that of DIN flange.



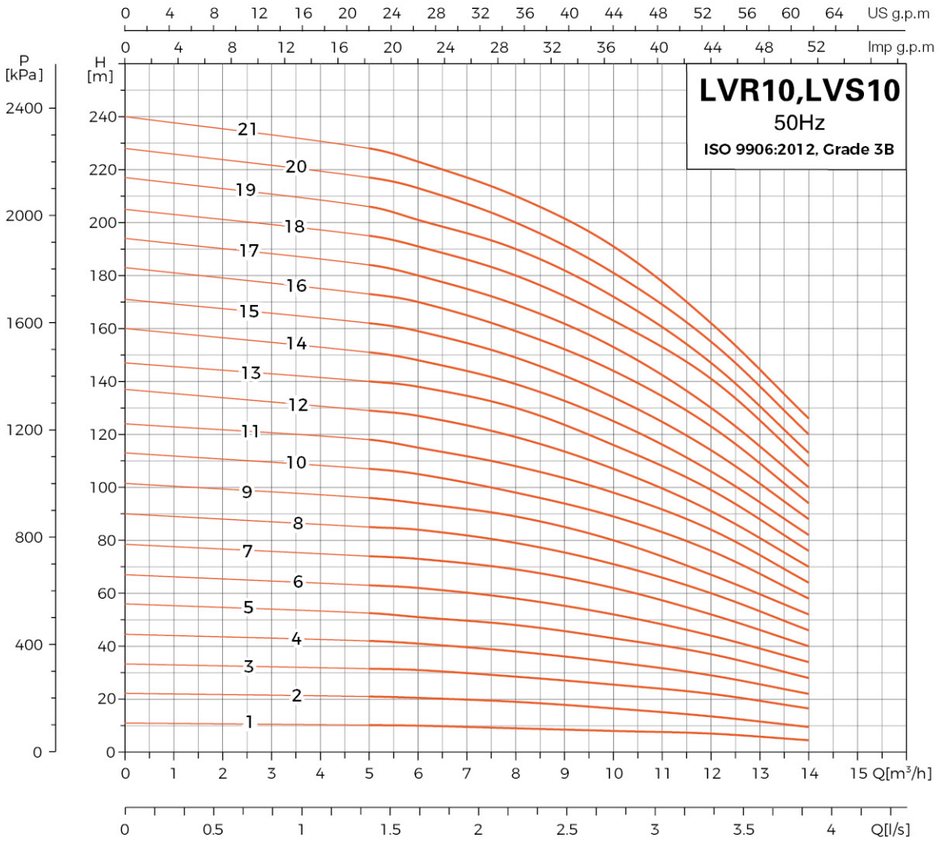
Technical Data

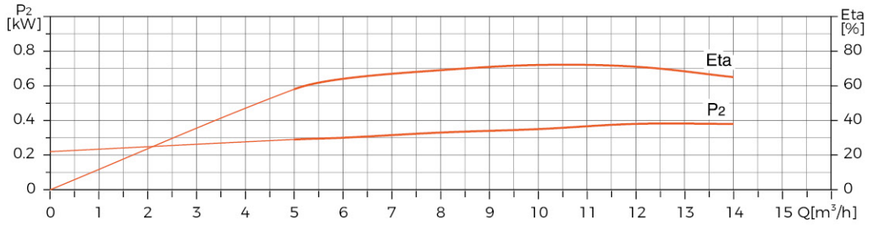
Model	Power	Voltage	Max. Flow	Max. Head	Part No.	Price	Part No.	Price	Part No.	Price
	kW	V	m³/h	m	(LVS-SS304)	€	(LVS-SS316)	€	(LVR)	€
LVR(S)5-2*	0.37		8.5	14.7	5069814001	850.04	5069723001	961.55	5070268001	617.74
LVR(S)5-3*	0.55		8.5	22.1	5069828001	883.88	5069738001	1,007.27	5070286001	650.45
LVR(S)5-4*	0.55		8.5	29.5	5069842001	903.59	5069752001	1,038.48	5070300001	671.28
LVR(S)5-5*	0.75		8.5	37	5069857001	1,025.47	5069766001	1,171.55	5070315001	795.41
LVR(S)5-6*	1.1		8.5	44.5	5069871001	1,091.29	5069780001	1,248.87	5070330001	860.46
LVR(S)5-7*	1.1		8.5	52	5047294002	1,113.20	5069795001	1,281.58	5070346001	882.02
LVR(S)5-8*	1.1		8.5	59	5059384002	1,162.99	5069807001	1,341.05	5070362001	929.60
LVR(S)5-9*	1.5		8.5	67	5062015002	1,308.72	5069820001	1,498.28	5070377001	1,080.49
LVR(S)5-10*	1.5		8.5	74.5	5069925001	1,328.78	5069832001	1,529.88	5070392001	1,099.81
LVR(S)5-11*	1.5		8.5	82	5062016003		5069848002		5070407002	1,191.40
LVR(S)5-12*	2.2		8.5	89.5	5069954001	1,421.32	5069864001	1,645.45	5070422001	1,192.73
LVR(S)5-13*	2.2		8.5	97	5048972003	1,471.49	5069878001	1,703.45	5070438001	1,241.82
LVR(S)5-14*	2.2	400	8.5	104	5069978001	1,492.32	5069893001	1,736.90	5070453001	1,263.00
LVR(S)5-15*	2.2		8.5	112	5069995001	1,509.43	5069903001	1,764.77	5070470001	1,284.91
LVR(S)5-16*	2.2		8.5	119	5070006001	1,537.31	5069917001	1,803.80	5070481001	1,303.88
LVR(S)5-17*	3		8.5	127	5074570001		5074595001		5074608001	
LVR(S)5-18*	3		8.5	134	5070018001	1,760.67	5069932001	2,048.38	5050245002	1,529.10
LVR(S)5-20*	3		8.5	149	5070031001	1,800.43	5069942001	2,109.70	5070508001	1,569.99
LVR(S)5-21*	3		8.5	157	5074656001		5074572001		5074636001	
LVR(S)5-22	4		8.5	164	5070059001	1,891.50	5069952001	2,224.16	5070526001	1,659.19
LVR(S)5-23	4		8.5	172	5074643001		5074652001		5074609001	
LVR(S)5-24	4		8.5	179	5070072001	1,966.22	5069973001	2,319.32	5070544001	1,735.04
LVR(S)5-25	4		8.5	187	5074613001		5074628001		5074597001	
LVR(S)5-27	4		8.5	202	5074581001		5074627001		5074567001	
LVR(S)5-28	4		8.5	210	5074632001		5074607001		5074617001	

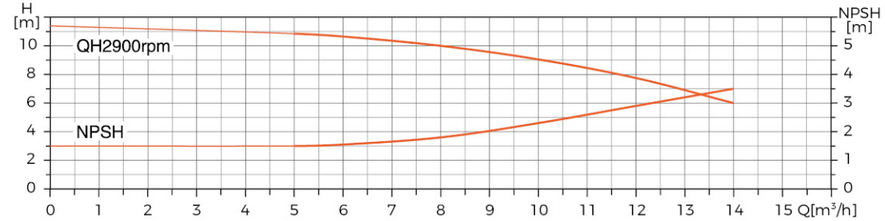
* means have single-phase configuration. The above part No. refer to flange connection

LVS/LVR Stainless Steel Vertical Multistage Pump

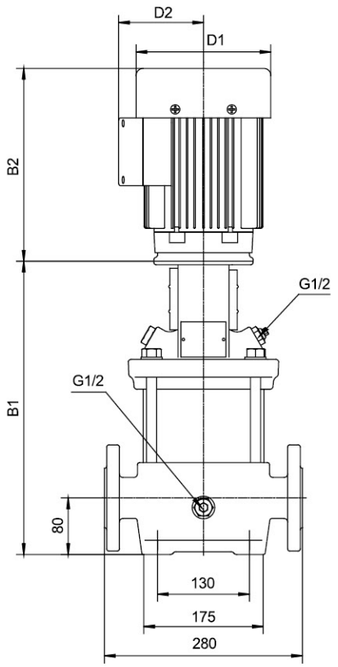
Hydraulic Performance Curves



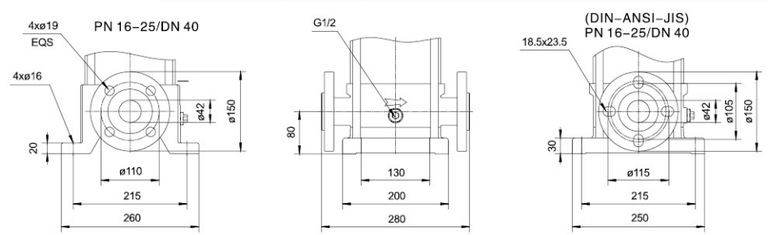




Dimension



LVR



LVS

Model	DIN FLANGE (LVR)		DIN FLANGE (LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2	B1	B1+B2				
10-1	351	555	353	557	130	105	35.5	
10-2	351	555	353	557	130	105	35.5	
10-3	381	652	383	654	150	125	41.5	
10-4	427	702	429	704	150	125	44.5	
10-5	457	732	459	734	150	125	46.0	
10-6	487	762	489	764	150	125	47.0	
10-7	522	865	524	867	186	120	60.0	
10-8	552	895	554	897	186	120	61.0	
10-9	582	925	584	927	186	120	61.3	
10-10	612	955	614	957	186	120	62.0	
10-11	642	985	644	987	186	120	63.3	V18
10-12	672	1015	674	1017	186	120	84.8	
10-13	734	1111	736	1113	218	143	85.5	
10-14	764	1141	766	1143	218	143	86.5	
10-15	794	1171	796	1173	218	143	87.5	
10-16	824	1229	826	1231	218	143	92.3	
10-17	854	1259	856	1261	218	143	93.0	
10-18	884	1289	886	1291	218	143	94.0	
10-19	914	1319	916	1321	218	143	94.5	
10-20	944	1349	946	1351	218	143	95.0	
10-21	974	1379	976	1381	218	143	95.5	

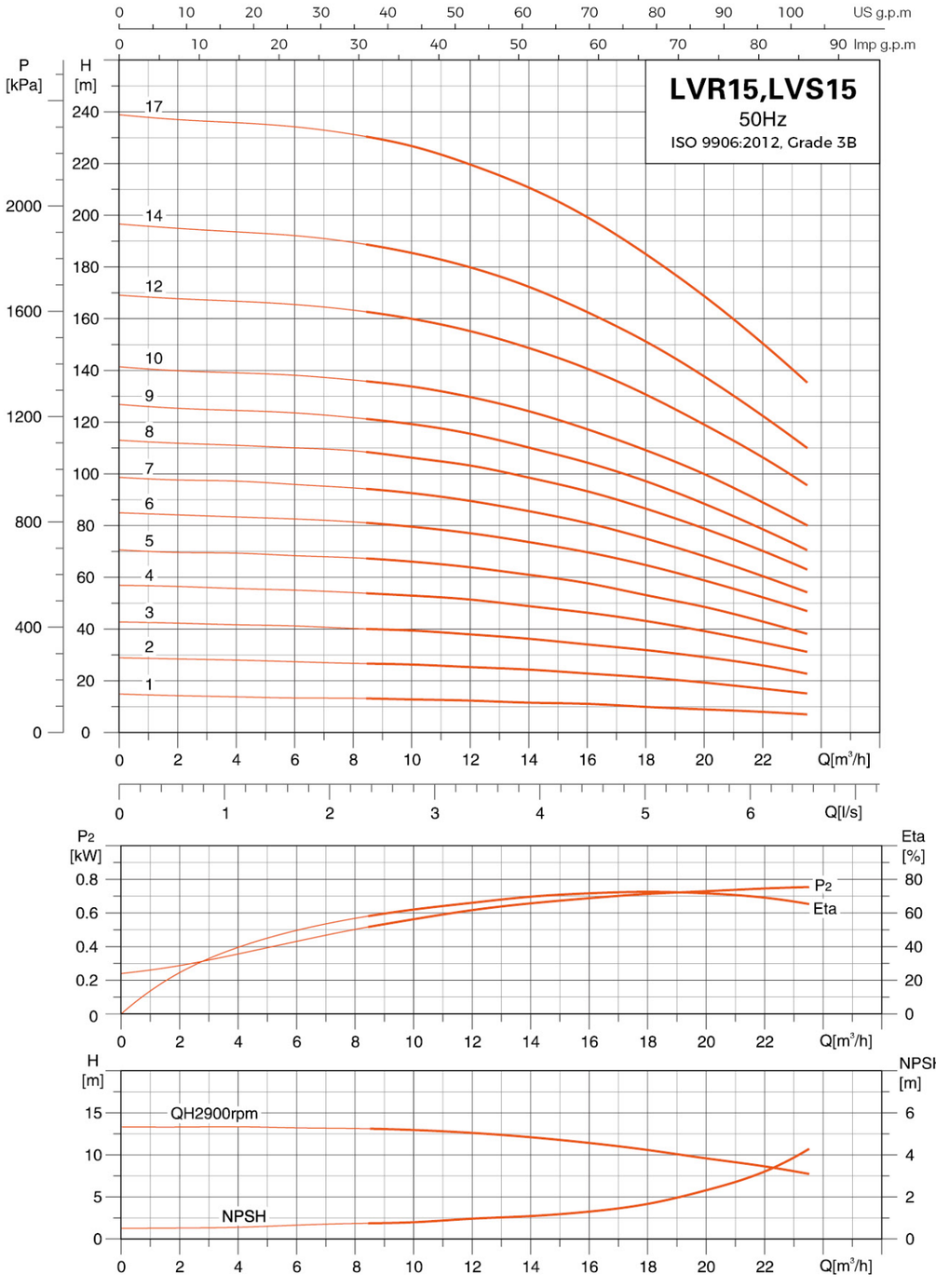
Technical Data

Model	Power	Voltage	Max. Flow	Max. Head	Part No. (LVS-SS304)	Price	Part No. (LVS-SS316)	Price	Part No. (LVR)	Price
	kW	V	m³/h	m		€		€		€
LVR(S)10-1*	0.75		14	11	5074623001		5074657001		5074615001	
LVR(S)10-2*	0.75		14	22.2	5070258001	1,265.59	5070121001	1,447.33	5069800001	969.37
LVR(S)10-3*	1.1		14	33.3	5070272001	1,331.37	5070136001	1,528.02	5069811001	1,045.56
LVR(S)10-4*	1.5		14	44.5	5059557002	1,497.16	5070140001	1,697.13	5069824001	1,202.41
LVR(S)10-5*	2.2		14	56	5049669002	1,575.95	5070156001	1,801.94	5069835001	1,281.58
LVR(S)10-6*	2.2		14	67	5070316001	1,607.93	5070171001	1,848.75	5069849001	1,312.44
LVR(S)10-7*	3		14	78.5	5048973002	1,788.20	5070187001	2,043.54	5069867001	1,496.04
LVR(S)10-8*	3		14	90	5047874002	1,817.93	5070202001	2,088.88	5066983002	1,527.25
LVR(S)10-9	4		14	101.5	5070361002		5070219002		5069891002	1,637.87
LVR(S)10-10	4		14	113	5070375001	1,975.13	5070235001	2,275.84	5066790003	1,690.05
LVR(S)10-11	4	400	14	124	5074649001		5074599001		5074629001	
LVR(S)10-12	4.5		14	137	5047875002		5070252001		5069918001	
LVR(S)10-13	5.5		14	147	5074650001		5074601001		5074614001	
LVR(S)10-14	5.5		14	160	5070410001	2,704.02	5070267001	3,062.31	5069933001	2,393.27
LVR(S)10-15	5.5		14	171	5074625001		5074577001		5074579001	
LVR(S)10-16	7.5		14	183	5062972003		5070283002		5069946002	2,583.11
LVR(S)10-17	7.5		14	194	5074593001		5074618001		5074604001	
LVR(S)10-18	7.5		14	205	5070440001	3,002.49	5070298001	3,420.25	5051817002	2,715.55
LVR(S)10-19	7.5		14	217	5074591001		5074589001		5074583001	
LVR(S)10-20	7.5		14	228	5070458001	3,064.94	5070314001	3,510.57	5069968001	2,777.97
LVR(S)10-21	7.5		14	240	5074582001		5074654001		5074644001	

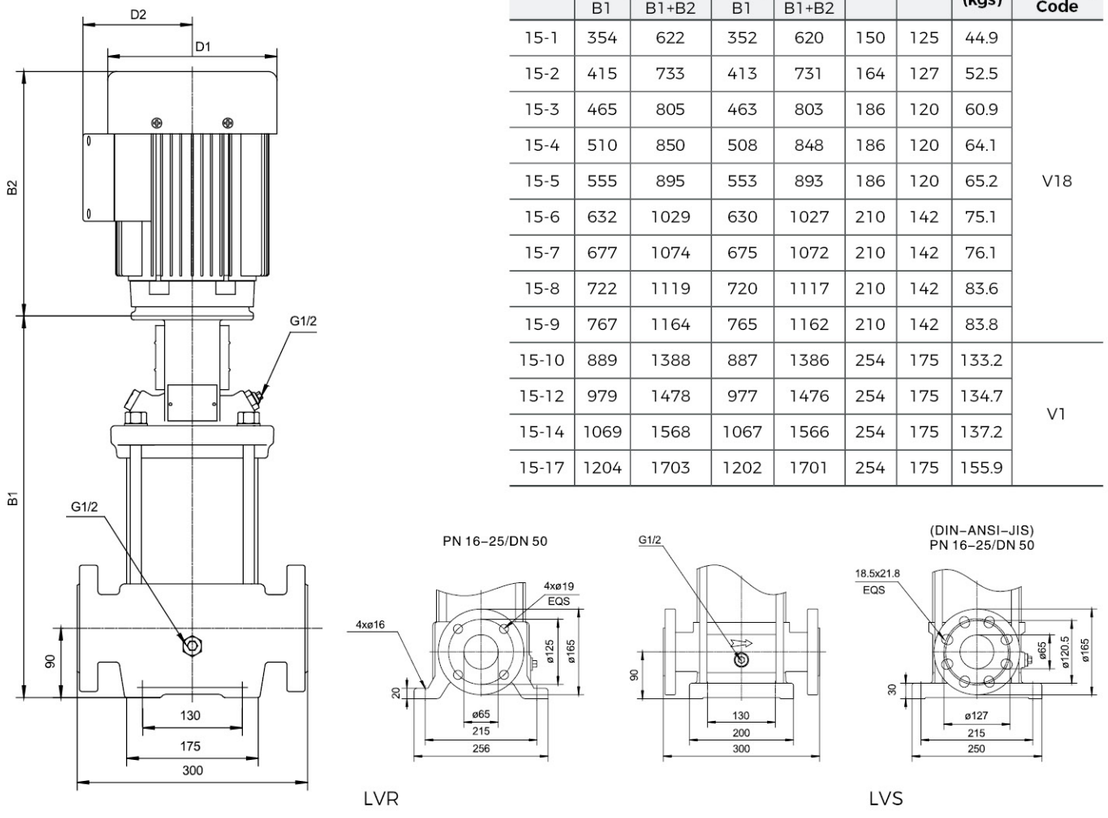
* means have single-phase configuration

LVS/LVR Stainless Steel Vertical Multistage Pump

Hydraulic Performance Curves



Dimension



Model	DIN FLANGE (LVR)		DIN FLANGE (LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2	B1	B1+B2				
15-1	354	622	352	620	150	125	44.9	V18
15-2	415	733	413	731	164	127	52.5	
15-3	465	805	463	803	186	120	60.9	
15-4	510	850	508	848	186	120	64.1	
15-5	555	895	553	893	186	120	65.2	
15-6	632	1029	630	1027	210	142	75.1	
15-7	677	1074	675	1072	210	142	76.1	
15-8	722	1119	720	1117	210	142	83.6	
15-9	767	1164	765	1162	210	142	83.8	
15-10	889	1388	887	1386	254	175	133.2	V1
15-12	979	1478	977	1476	254	175	134.7	
15-14	1069	1568	1067	1566	254	175	137.2	
15-17	1204	1703	1202	1701	254	175	155.9	

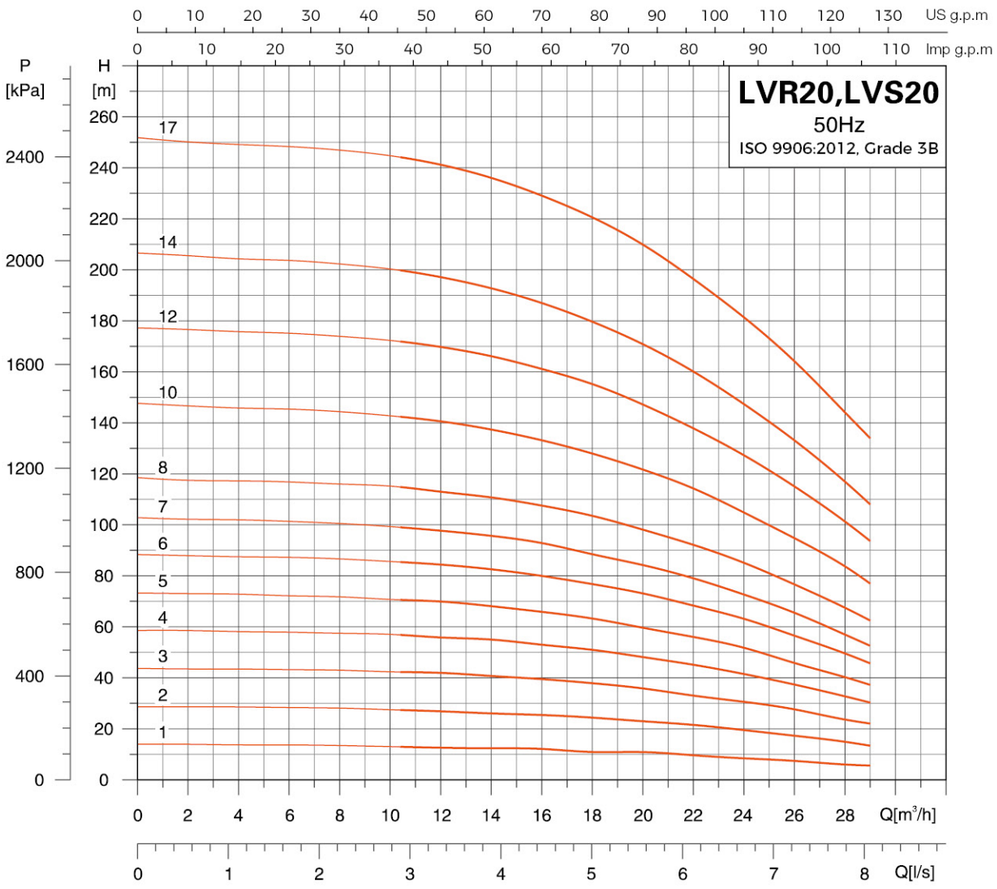
Technical Data

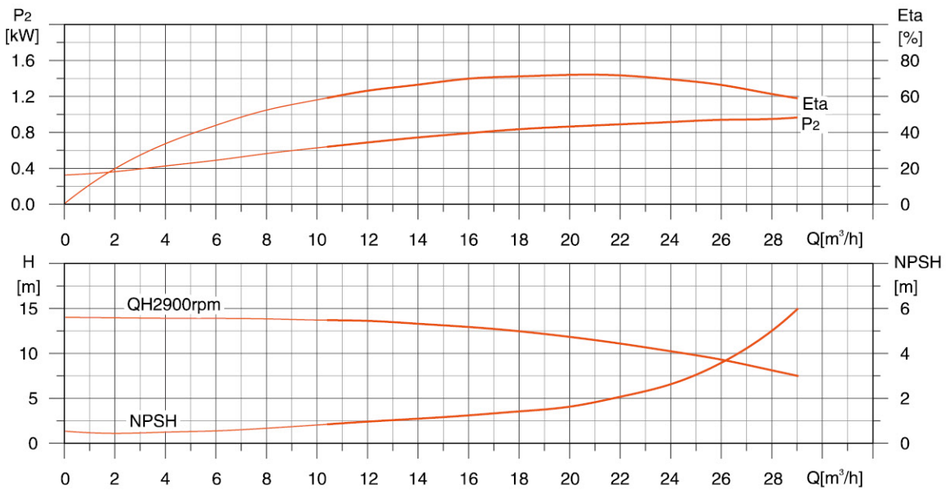
Model	Power	Voltage	Max. Flow	Max. Head	Part No.	Price	Part No.	Price	Part No.	Price
	kW	V	m³/h	m	(LVS-SS304)	€	(LVS-SS316)	€	(LVR)	€
LVR(S)15-1*	1.1	400	23.5	13	5070489001	1,391.23	5070345001	1,588.96	5069993001	1,044.44
LVR(S)15-2*	2.2		23.5	26	5070501001	1,579.67	5070360001	1,784.83	5051905002	1,236.24
LVR(S)15-3*	3		23.5	40	5049118005	1,772.94	5070378001	1,997.81	5070016001	1,427.66
LVR(S)15-4	4		23.5	55	5047447003	1,868.85	5070391001	2,113.77	5070029001	1,527.25
LVR(S)15-5	4		23.5	68	5054679003	1,914.92	5070406001	2,179.20	5066985002	1,574.48
LVR(S)15-6	5.5		23.5	81	5046128002	2,557.20	5070423001	2,842.28	5066984002	2,222.30
LVR(S)15-7	5.5		23.5	95	5048974004	2,660.54	5070439001	2,964.93	5070078001	2,324.51
LVR(S)15-8	7.5		23.5	108	5058157002	2,825.94	5070455001	3,150.42	5070092001	2,489.91
LVR(S)15-9	7.5		23.5	121	5062017002	2,867.56	5070471001	3,210.98	5070107001	2,533.43
LVR(S)15-10	11		23.5	136	5066389002	3,487.89	5070485001	3,852.91	5070123001	3,263.79
LVR(S)15-12	11		23.5	164	5055754003	3,636.56	5070497001	4,040.61	5070138001	3,413.55
LVR(S)15-14	11		23.5	189	5070640001	3,725.41	5070515001	4,166.60	5070154001	3,501.67
LVR(S)15-17	15		23.5	231	5066307002	4,067.71	5070530001	4,573.59	5060806002	3,844.70

* means have single-phase configuration

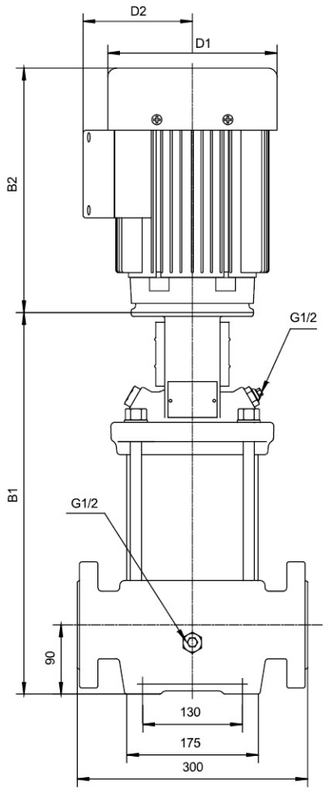
LVS/LVR Stainless Steel Vertical Multistage Pump

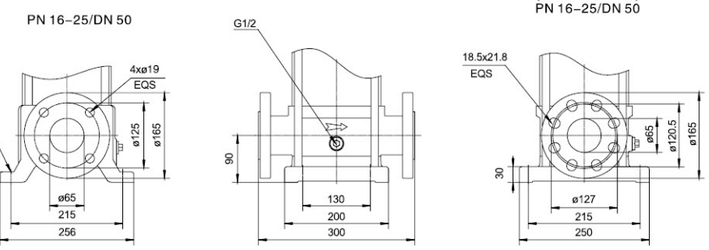
Hydraulic Performance Curves





Dimension





LVR LVS

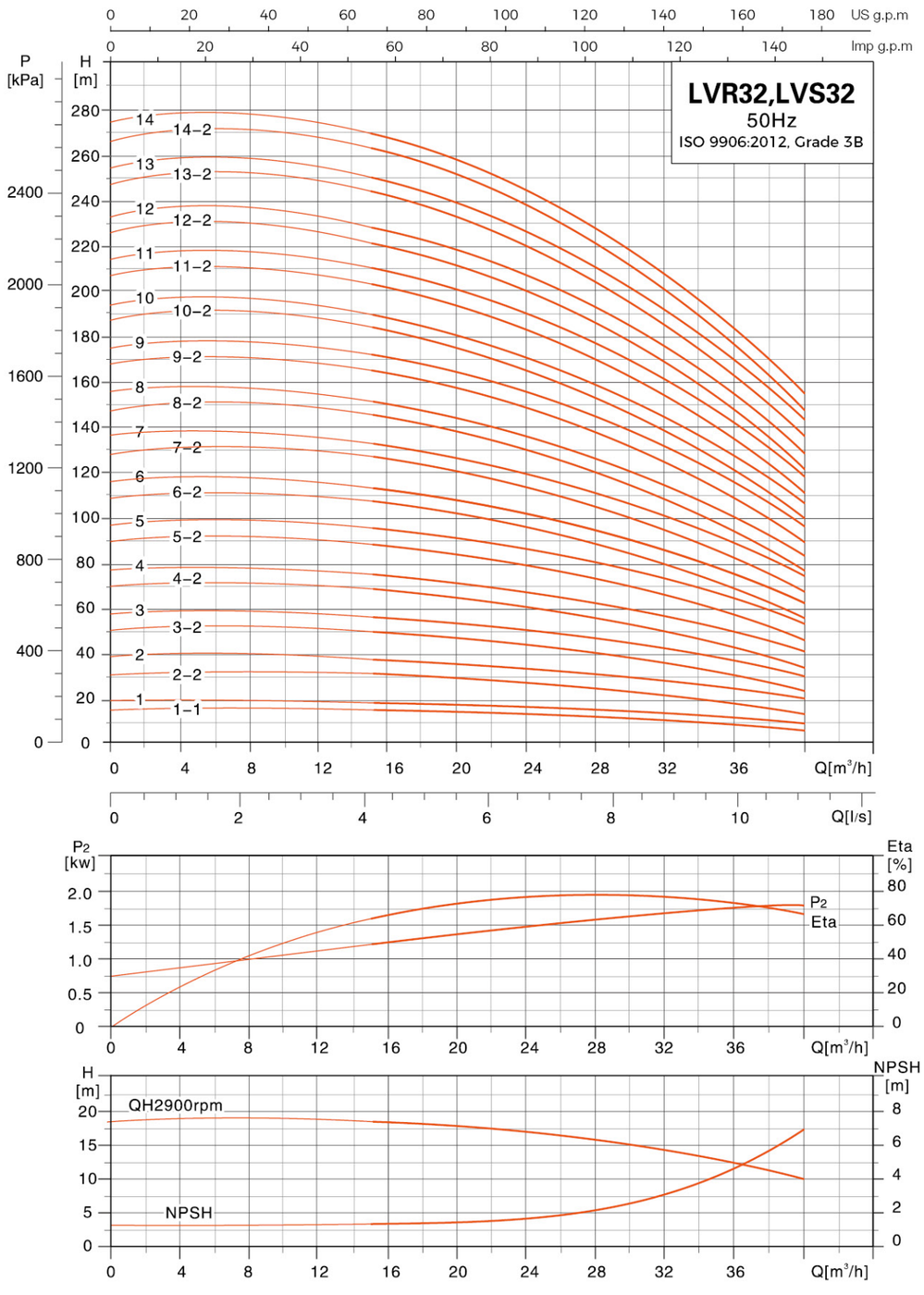
Model	DIN FLANGE (LVR)		DIN FLANGE (LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2	B1	B1+B2				
20-1	354	622	352	620	150	125	44.9	V18
20-2	415	733	413	731	164	127	52.4	
20-3	465	805	463	803	186	120	59.3	
20-4	542	939	540	937	210	142	71.3	
20-5	587	984	585	982	210	142	73.9	
20-6	632	1029	630	1027	210	142	81.3	
20-7	677	1074	675	1072	210	142	82.1	
20-8	799	1298	797	1296	254	175	125.2	V1
20-10	889	1388	887	1386	254	175	133.2	
20-12	979	1478	977	1476	254	175	146.9	
20-14	1069	1568	1067	1566	254	175	151.9	
20-17	1204	1764	1202	1762	330	250	208	

Technical Data

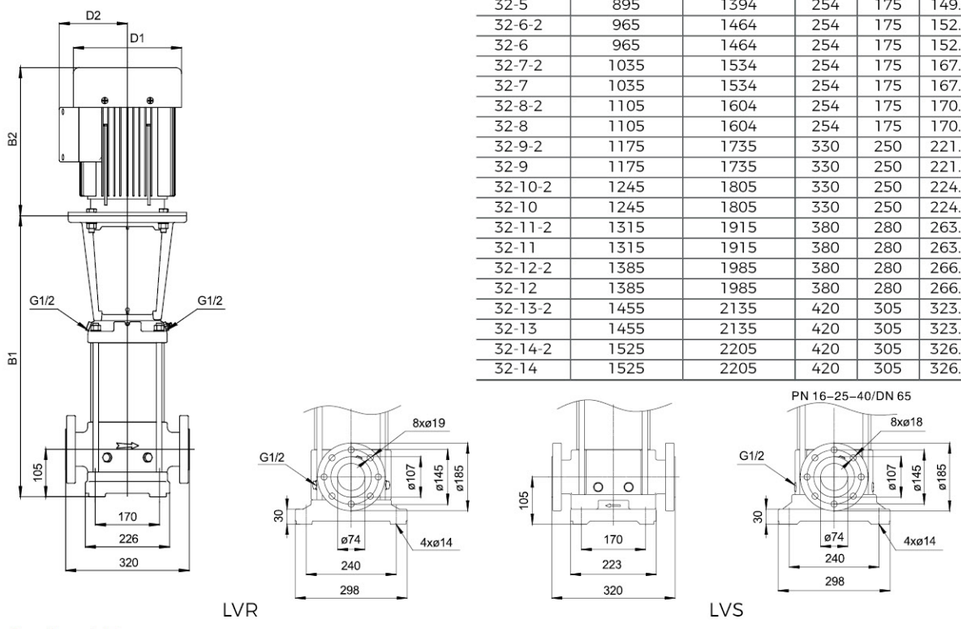
Model	Power	Voltage	Max. Flow	Max. Head	Part No.	Price	Part No.	Price	Part No.	Price
	kW	V	m³/h	m	(LVS-SS304)	€	(LVS-SS316)	€	(LVR)	€
LVR(S)20-1*	1.1	400	28.5	13	5070668001	1,391.23	5070543001	1,588.96	5070185001	1,045.56
LVR(S)20-2*	2.2		28.5	28	5070680001	1,579.28	5070557001	1,784.83	5070201001	1,236.24
LVR(S)20-3	4		28.5	42	5066391002	1,820.53	5070568001	2,046.13	5070220001	1,480.05
LVR(S)20-4	5.5		28.5	58	5069623001	2,460.95	5070582001	2,706.61	5070236001	2,124.92
LVR(S)20-5	5.5		28.5	71	5062018003	2,508.50	5070595001	2,773.51	5070251001	2,172.12
LVR(S)20-6	7.5		28.5	86	5045314002	2,676.88	5070606001	2,962.34	5070269001	2,340.89
LVR(S)20-7	7.5		28.5	99	5045313003	2,778.74	5070618001	3,083.87	5070285001	2,442.71
LVR(S)20-8	11		28.5	115	5062019002	3,384.59	5070633001	3,709.81	5070301001	3,162.31
LVR(S)20-10	11		28.5	142	5047271002	3,489.01	5070645001	3,854.77	5070317001	3,267.86
LVR(S)20-12	15		28.5	172	5069711001	3,821.67	5070659001	4,227.19	5070333001	3,600.90
LVR(S)20-14	15		28.5	200	5046127002	3,911.99	5070673001	4,354.30	5070348001	3,688.25
LVR(S)20-17	18.5		28.5	245	5069740001	4,223.47	5069608001	4,730.09	5070366001	4,002.32

* means have single-phase configuration

Hydraulic Performance Curves



Dimension



LVR LVS

Model	DIN FLANGE(LVR、LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2				
32-1-1	455	773	164	127	61.7	V18
32-1	455	773	164	127	63.7	
32-2-2	525	865	186	120	72.6	
32-2	525	865	186	120	74.9	
32-3-2	645	1042	210	142	100.9	V1
32-3	645	1042	210	142	100.6	
32-4-2	715	1112	210	142	108.7	
32-4	715	1112	210	142	108.7	
32-5-2	895	1394	254	175	149.2	
32-5	895	1394	254	175	149.2	
32-6-2	965	1464	254	175	152.1	
32-6	965	1464	254	175	152.1	
32-7-2	1035	1534	254	175	167.6	
32-7	1035	1534	254	175	167.6	
32-8-2	1105	1604	254	175	170.7	
32-8	1105	1604	254	175	170.7	
32-9-2	1175	1735	330	250	221.6	
32-9	1175	1735	330	250	221.6	
32-10-2	1245	1805	330	250	224.5	
32-10	1245	1805	330	250	224.5	
32-11-2	1315	1915	380	280	263.3	
32-11	1315	1915	380	280	263.4	
32-12-2	1385	1985	380	280	266.2	
32-12	1385	1985	380	280	266.2	
32-13-2	1455	2135	420	305	323.6	
32-13	1455	2135	420	305	323.6	
32-14-2	1525	2205	420	305	326.5	
32-14	1525	2205	420	305	326.5	

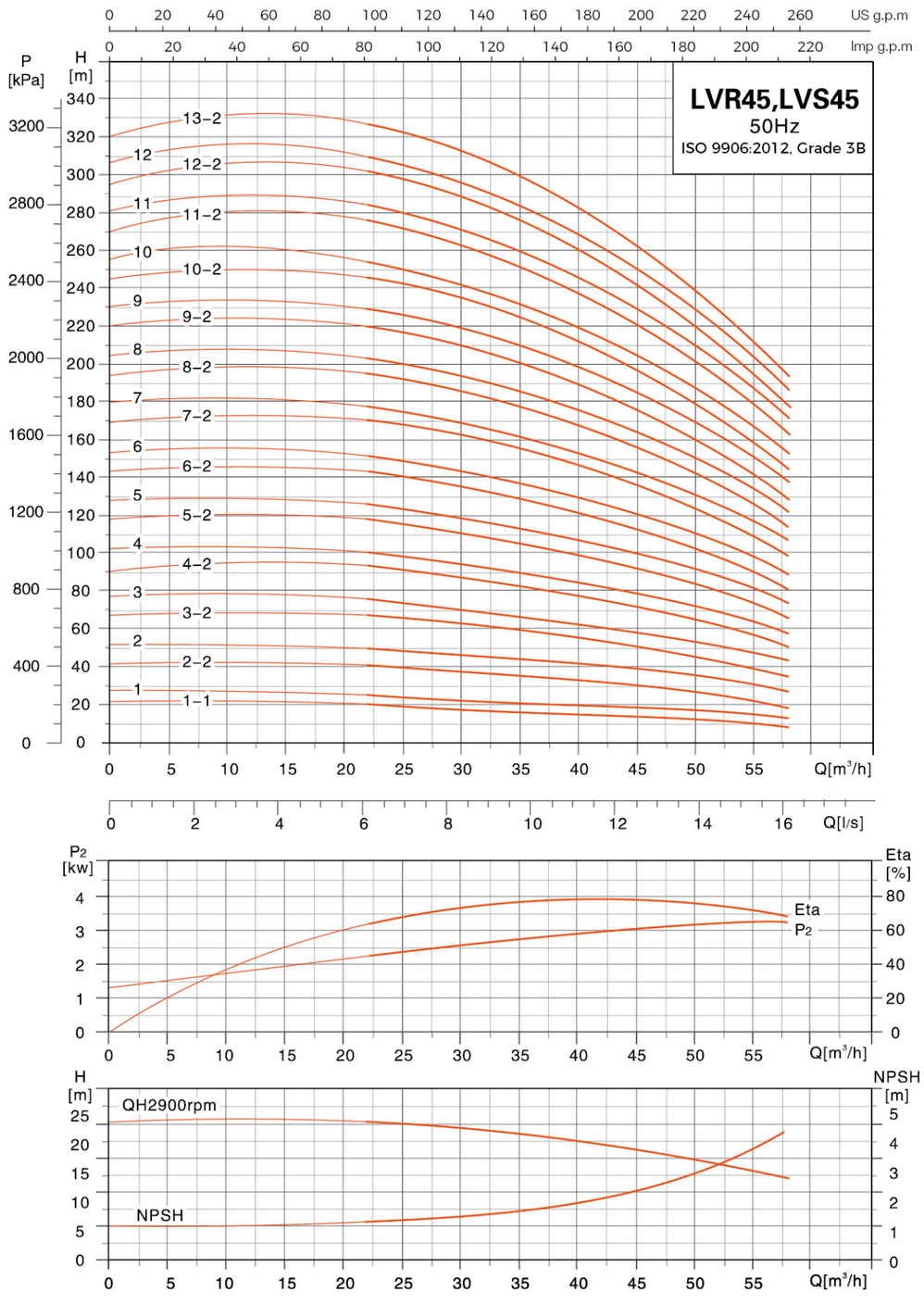
Technical Data

Model	Power	Voltage	Max. Flow	Max. Head	Part No. (LVS-SS304)	Price	Part No. (LVS-SS316)	Price	Part No. (LVR)	Price
	kW	V	m³/h	m		€		€		€
LVR(S)32-1-1*	1.5	400	40	15	5058596002	2,404.42	5069621001	2,751.95	5070384001	1,527.63
LVR(S)32-1*	2.2		40	18	5069765001	2,452.74	5069636001	2,800.27	5070398001	1,575.95
LVR(S)32-2-2*	3		40	31	5069779001	2,689.53	5069650001	3,051.54	5070416001	1,883.71
LVR(S)32-2	4		40	37	5069794001	2,753.81	5069664001	3,116.20	5070431001	1,933.89
LVR(S)32-3-2	5.5		40	50	5069806001	3,626.92	5069675001	4,046.19	5070448001	2,822.95
LVR(S)32-3	5.5		40	55.5	5050808003	3,627.27	5069691001	4,046.54	5070466001	2,823.69
LVR(S)32-4-2	7.5		40	68.5	5057822002	3,899.37	5069700001	4,349.85	5070486001	3,097.62
LVR(S)32-4	7.5		40	74.5	5055581004	3,899.37	5069714001	4,349.85	5070500001	3,095.41
LVR(S)32-5-2	11		40	88.5	5069859001	4,584.01	5069727001	5,066.46	5070514001	3,778.57
LVR(S)32-5	11		40	94.5	5069872001	4,584.01	5069741001	5,066.81	5070528001	3,778.19
LVR(S)32-6-2	11		40	107	5069884001	4,741.97	5069753001	5,254.16	5070545001	3,936.89
LVR(S)32-6	11		40	113	5062020002	4,742.71	5069768001	5,254.90	5070561001	3,934.68
LVR(S)32-7-2	15		40	127	5069909001	5,090.97	5069781001	5,636.23	5070572001	4,285.15
LVR(S)32-7	15		40	133	5069924001	5,092.09	5069797001	5,637.35	5070586001	4,287.01
LVR(S)32-8-2	15		40	145	5069937001	5,316.96	5069809001	5,915.38	5070598001	4,512.65
LVR(S)32-8	15		40	151	5062021003	5,317.35	5069826001	5,916.11	5070611001	4,512.65
LVR(S)32-9-2	18.5		40	165	5069964001	5,643.31	5069837001	6,273.32	5070624001	4,837.87
LVR(S)32-9	18.5		40	171	5069977001	5,644.43	5069850001	6,274.79	5070639001	4,838.61
LVR(S)32-10-2	18.5		40	184	5069988001	5,823.19	5069861001	6,485.18	5070654001	5,018.88
LVR(S)32-10	18.5		40	190	5070000001	5,823.93	5069876001	6,486.30	5070670001	5,018.88
LVR(S)32-11-2	22		40	203	5070025001	6,618.98	5069888001	7,315.16	5070682001	5,806.85
LVR(S)32-11	22		40	209	5070039001	6,622.31	5069901001	7,318.87	5070691001	5,802.40
LVR(S)32-12-2	22		40	222	5070049001	6,775.09	5069912001	7,501.74	5069615001	5,969.27
LVR(S)32-12	22		40	227	5070063001	6,775.44	5069928001	7,502.47	5069629001	5,971.51
LVR(S)32-13-2	30		40	244	5070077001	8,095.31	5069944001	8,852.81	5069643001	7,272.03
LVR(S)32-13	30		40	250	5070093001	8,094.19	5069959001	8,851.69	5069660001	7,276.87
LVR(S)32-14-2	30		40	263	5070109001	8,257.73	5069970001	9,048.68	5069676001	7,452.30
LVR(S)32-14	30		40	269	5070126001	8,258.12	5069982001	9,049.07	5069689001	7,452.68

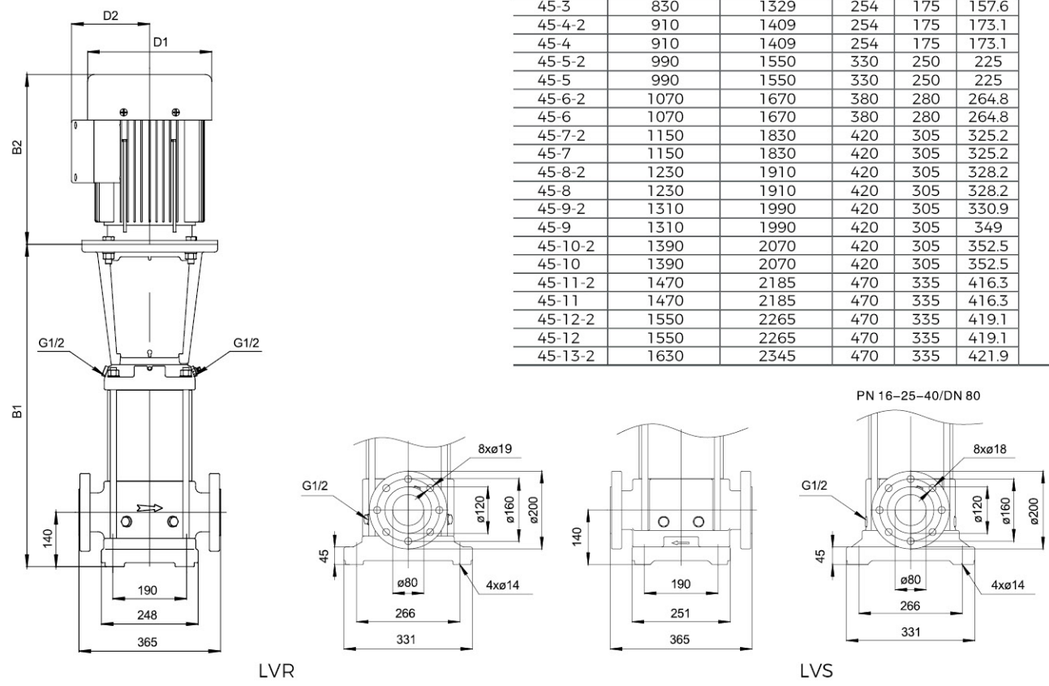
* means have single-phase configuration

LVS/LVR Stainless Steel Vertical Multistage Pump

Hydraulic Performance Curves



Dimension



LVR LVS

Model	DIN FLANGE(LVR、LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2				
45-1-1	560	900	186	120	81	V18
45-1	560	900	186	120	83.2	
45-2-2	640	1037	210	142	111.3	
45-2	640	1037	210	142	115.5	
45-3-2	830	1329	254	175	157.6	
45-3	830	1329	254	175	157.6	
45-4-2	910	1409	254	175	173.1	
45-4	910	1409	254	175	173.1	
45-5-2	990	1550	330	250	225	
45-5	990	1550	330	250	225	
45-6-2	1070	1670	380	280	264.8	
45-6	1070	1670	380	280	264.8	
45-7-2	1150	1830	420	305	325.2	
45-7	1150	1830	420	305	325.2	V1
45-8-2	1230	1910	420	305	328.2	
45-8	1230	1910	420	305	328.2	
45-9-2	1310	1990	420	305	330.9	
45-9	1310	1990	420	305	349	
45-10-2	1390	2070	420	305	352.5	
45-10	1390	2070	420	305	352.5	
45-11-2	1470	2185	470	335	416.3	
45-11	1470	2185	470	335	416.3	
45-12-2	1550	2265	470	335	419.1	
45-12	1550	2265	470	335	419.1	
45-13-2	1630	2345	470	335	421.9	

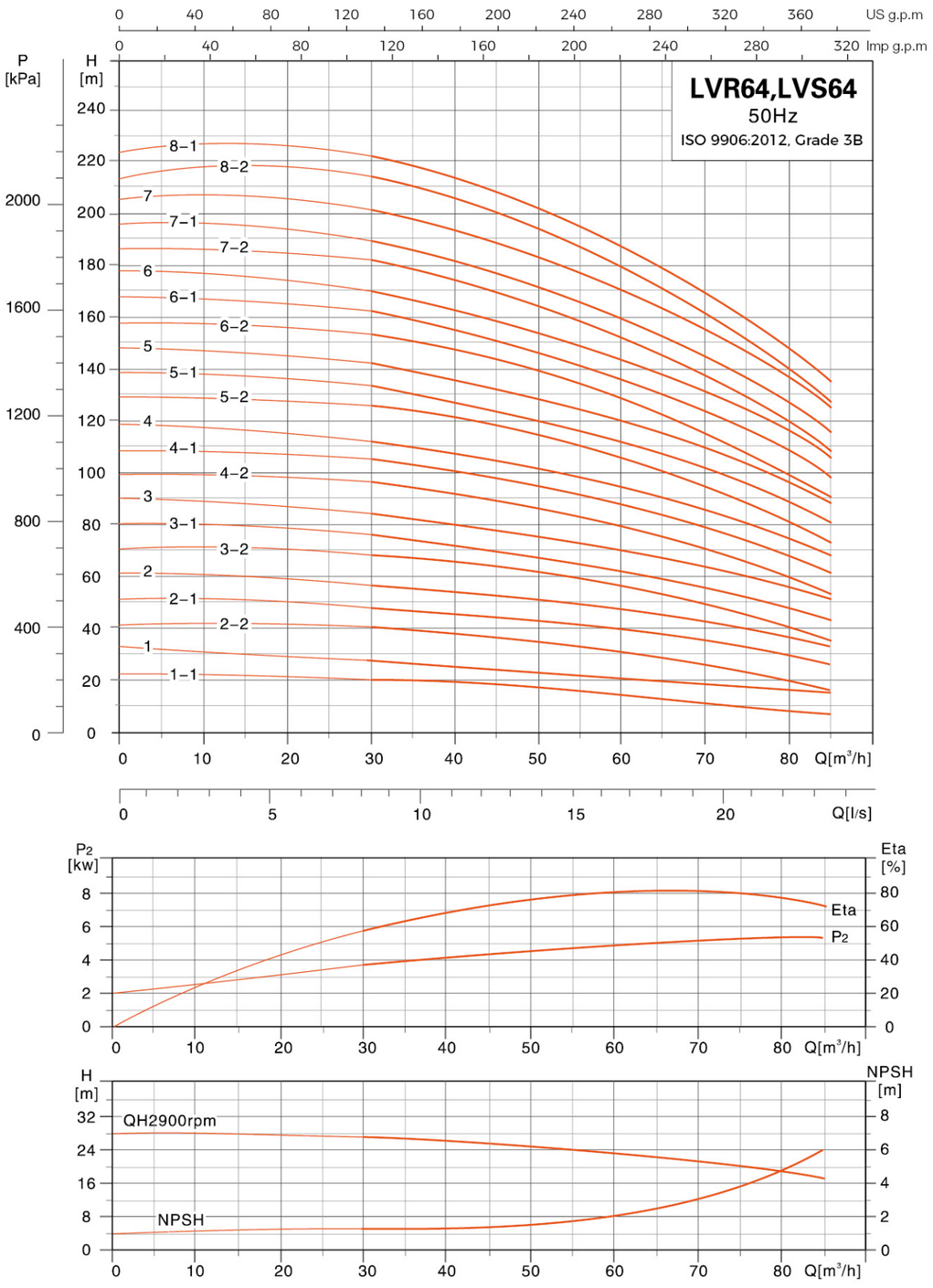
Technical Data

Model	Power	Voltage	Max. Flow	Max. Head	Part No. (LVS-SS304)	Price	Part No. (LVS-SS316)	Price	Part No. (LVR)	Price
	kW	V	m³/h	m		€		€		€
LVR(S)45-1-1*	3	400	58	20	5070142001	2,809.95	5069997001	3,206.91	5069701001	1,864.74
LVR(S)45-1	4		58	24	5070158001	2,858.65	5070014001	3,255.97	5069718001	1,912.71
LVR(S)45-2-2	5.5		58	41	5070172001	3,699.01	5070028001	4,132.02	5069732001	2,758.65
LVR(S)45-2	7.5		58	48.5	5066390002	3,810.16	5070044001	4,243.91	5069747001	2,865.31
LVR(S)45-3-2	11		58	66	5070206001	4,589.20	5070055001	5,071.27	5069759001	3,647.71
LVR(S)45-3	11		58	73.5	5059385002	4,589.93	5070073001	5,071.65	5069775001	3,647.71
LVR(S)45-4-2	15		58	91	5070232001	4,956.04	5070089001	5,476.40	5069788001	4,016.80
LVR(S)45-4	15		58	98.5	5070250001	4,956.04	5070104001	5,476.40	5069803001	4,016.06
LVR(S)45-5-2	18.5		58	116	5070264001	5,297.99	5070120001	5,855.17	5069816001	4,357.28
LVR(S)45-5	18.5		58	124	5070280001	5,297.99	5070135001	5,855.91	5069831001	4,358.75
LVR(S)45-6-2	22		58	142	5070297001	6,103.46	5070144001	6,698.51	5069844001	5,161.59
LVR(S)45-6	22		58	149	5070313001	6,101.96	5070161001	6,697.39	5069856001	5,161.98
LVR(S)45-7-2	30		58	168	5070329001	7,422.95	5070178001	8,055.55	5069869001	6,485.53
LVR(S)45-7	30		58	176	5070344001	7,424.03	5070189001	8,056.67	5069883001	6,483.32
LVR(S)45-8-2	30		58	193	5070358001	7,717.31	5070209001	8,397.11	5069896001	6,757.98
LVR(S)45-8	30		58	200	5070374001	7,715.07	5070229001	8,395.64	5069907001	6,761.35
LVR(S)45-9-2	30		58	217	5070394001	7,908.73	5070246001	8,627.94	5069920001	6,976.54
LVR(S)45-9	37		58	226	5070409001	8,377.41	5070262001	9,097.39	5069935001	7,449.31
LVR(S)45-10-2	37		58	243	5070427001	8,559.18	5070279001	9,313.70	5069949001	7,602.44
LVR(S)45-10	37		58	251	5070442001	8,562.51	5070292001	9,317.42	5069962001	7,603.21
LVR(S)45-11-2	45		58	273	5070459001	10,041.82	5070305001	10,836.88	5069972001	9,099.25
LVR(S)45-11	45		58	281	5070477001	10,043.33	5070320001	10,839.08	5069990001	9,099.60
LVR(S)45-12-2	45		58	298	5070491001	10,221.74	5070334001	11,052.80	5070002001	9,268.36
LVR(S)45-12	45		58	306	5070502001	10,226.93	5070351001	11,057.26	5070015001	9,268.36
LVR(S)45-13-2	45		58	323	5070516001	10,422.80	5070367001	11,295.14	5070030001	9,470.16

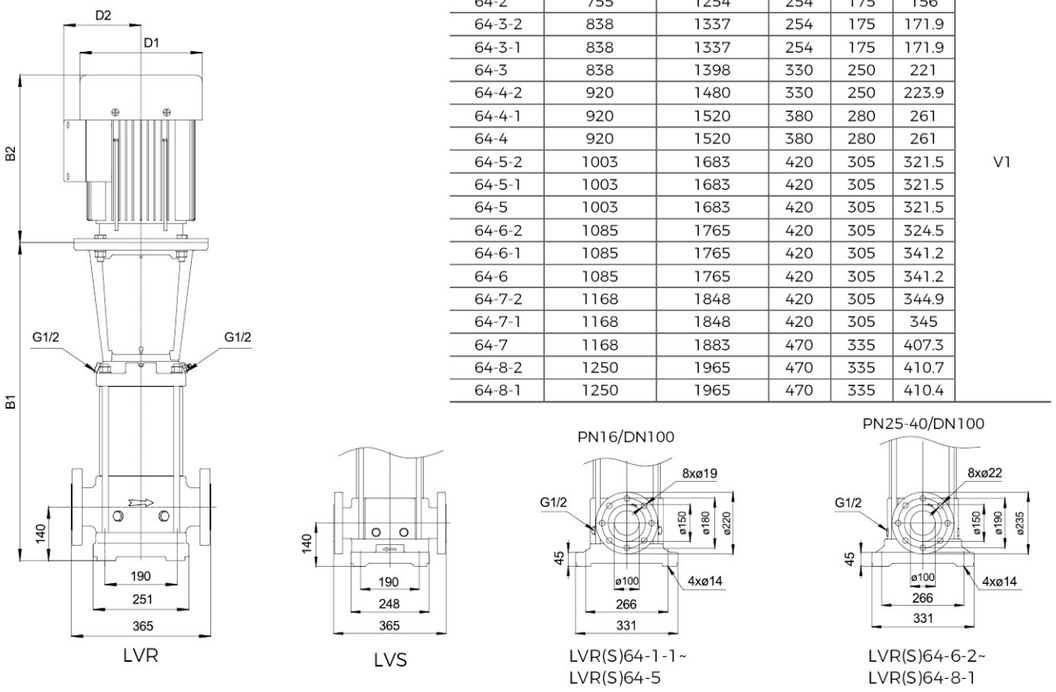
* means have single-phase configuration

LVS/LVR Stainless Steel Vertical Multistage Pump

Hydraulic Performance Curves



Dimension



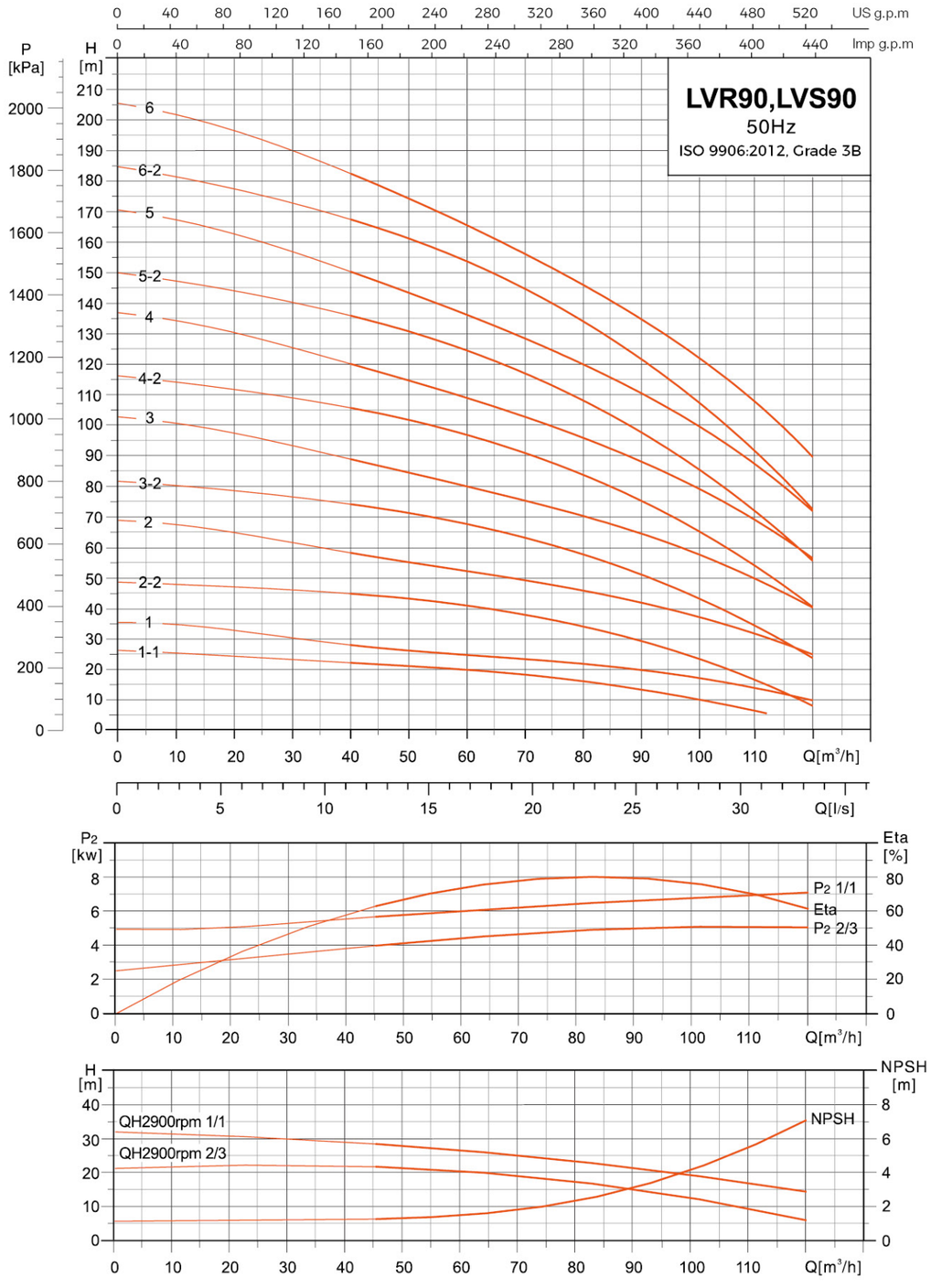
Model	DIN FLANGE(LVR、LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2				
64-1-1	563	903	186	124	84.5	V18
64-1	563	960	210	142	110.2	
64-2-2	645	1042	210	142	117.4	
64-2-1	755	1254	254	175	156	
64-2	755	1254	254	175	156	
64-3-2	838	1337	254	175	171.9	
64-3-1	838	1337	254	175	171.9	
64-3	838	1398	330	250	221	
64-4-2	920	1480	330	250	223.9	
64-4-1	920	1520	380	280	261	
64-4	920	1520	380	280	261	
64-5-2	1003	1683	420	305	321.5	V1
64-5-1	1003	1683	420	305	321.5	
64-5	1003	1683	420	305	321.5	
64-6-2	1085	1765	420	305	324.5	
64-6-1	1085	1765	420	305	341.2	
64-6	1085	1765	420	305	341.2	
64-7-2	1168	1848	420	305	344.9	
64-7-1	1168	1848	420	305	345	
64-7	1168	1883	470	335	407.3	
64-8-2	1250	1965	470	335	410.7	
64-8-1	1250	1965	470	335	410.4	

Technical Data

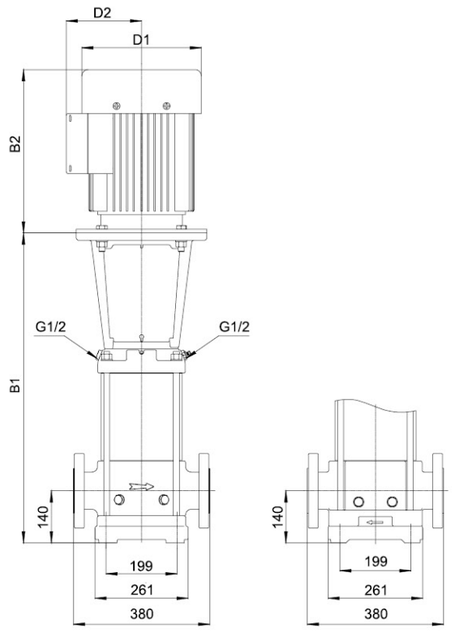
Model	Power	Voltage	Max. Flow	Max. Head	Part No. (LVS-SS304)	Price	Part No. (LVS-SS316)	Price	Part No. (LVR)	Price
	kW	V	m³/h	m		€		€		€
LVR(S)64-1-1	4	400	85	20	5070531001	2,952.31	5070395001	3,371.93	5070045001	1,933.89
LVR(S)64-1	5.5		85	27	5070546001	3,607.21	5070411001	4,028.34	5070060001	2,590.65
LVR(S)64-2-2	7.5		85	40	5070560001	3,906.03	5070425001	4,366.57	5070076001	2,889.86
LVR(S)64-2-1	11		85	48	5070573001	4,416.01	5070443001	4,876.90	5070091001	3,398.68
LVR(S)64-2	11		85	55	5059387002	4,415.24	5070456001	4,875.78	5070108001	3,399.80
LVR(S)64-3-2	15		85	68	5063005002	4,874.66	5070472001	5,384.60	5070124001	3,857.36
LVR(S)64-3-1	15		85	75.5	5070610001	4,873.18	5070488001	5,384.25	5070139001	3,857.71
LVR(S)64-3	18.5		85	83.5	5054082002	5,031.50	5070505001	5,541.83	5070155001	4,013.82
LVR(S)64-4-2	18.5		85	96	5070637001	5,221.06	5070517001	5,772.28	5070170001	4,205.62
LVR(S)64-4-1	22		85	104	5070652001	5,845.49	5070534001	6,397.45	5070186001	4,830.44
LVR(S)64-4	22		85	112	5070666001	5,847.00	5070548001	6,398.18	5070200001	4,830.79
LVR(S)64-5-2	30		85	126	5070678001	7,180.23	5070562001	7,770.47	5070216001	6,161.43
LVR(S)64-5-1	30		85	134	5069611001	7,178.37	5070576001	7,768.23	5070230001	6,161.43
LVR(S)64-5	30		85	141	5069624001	7,178.37	5070589001	7,768.23	5070244001	6,162.55
LVR(S)64-6-2	30		85	154	5069639001	7,387.25	5070601001	8,017.64	5070261001	6,369.95
LVR(S)64-6-1	37		85	162	5069652001	7,856.31	5070613001	8,485.97	5070277001	6,840.49
LVR(S)64-6	37		85	170	5069667001	7,856.31	5070626001	8,486.70	5070290001	6,840.87
LVR(S)64-7-2	37		85	182	5069678001	8,047.73	5070642001	8,718.62	5070307001	7,031.55
LVR(S)64-7-1	37		85	190	5069692001	8,048.11	5070655001	8,719.01	5070323001	7,034.15
LVR(S)64-7	45		85	202	5069706001	9,353.85	5070669001	10,025.09	5070337001	8,338.03
LVR(S)64-8-2	45		85	214	5069720001	9,648.57	5069610001	10,368.90	5070353001	8,632.01
LVR(S)64-8-1	45		85	222	5070381001	9,648.57	5069634001	10,368.90	5070370001	8,632.78

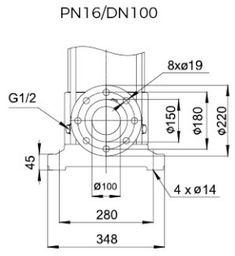
LVS/LVR Stainless Steel Vertical Multistage Pump

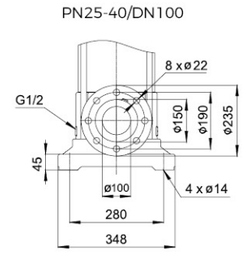
Hydraulic Performance Curves



Dimension







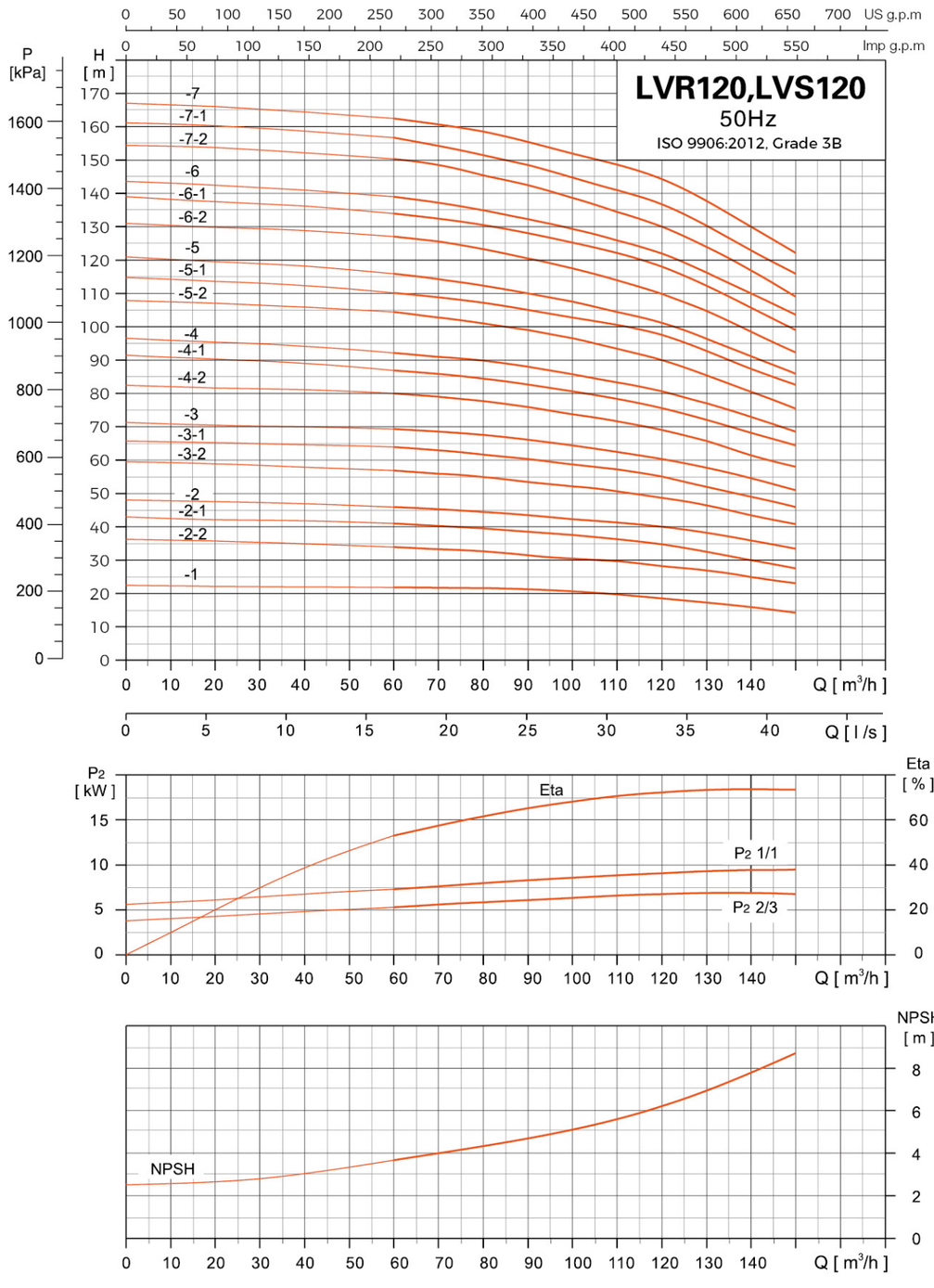
Model	DIN FLANGE(LVR、LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2				
90-1-1	572.5	969.5	210	142	116	V1
90-1	572.5	969.5	210	142	121.2	
90-2-2	774.5	1273.5	254	175	162.2	
90-2	774.5	1273.5	254	175	174.9	
90-3-2	866.5	1426.5	330	250	228	
90-3	866.5	1466.5	380	280	264	
90-4-2	958.5	1638.5	420	305	326	
90-4	958.5	1638.5	420	305	326	
90-5-2	1051	1731	420	305	354	
90-5	1051	1731	420	305	354	
90-6-2	1143	1858	470	335	415	
90-6	1143	1858	470	335	415	

Technical Data

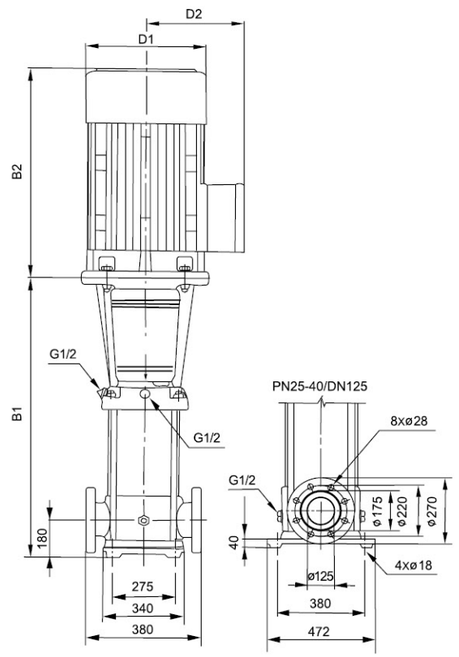
Model	Power	Voltage	Max. Flow	Max. Head	Part No. (LVS-SS304)	Price	Part No. (LVS-SS316)	Price	Part No. (LVR)	Price
	kW	V	m³/h	m		€		€		€
LVR(S)90-1-1	5.5	400	120	22	5069733001	3,739.54	5069642001	4,166.60	5070387001	2,691.74
LVR(S)90-1	7.5		120	38	5056048002	3,853.26	5069656001	4,279.96	5070400001	2,808.47
LVR(S)90-2-2	11		120	45	5069761001	4,539.40	5069670001	5,008.85	5070418001	3,490.52
LVR(S)90-2	15		120	58	5069774001	4,728.23	5069690001	5,198.02	5070432001	3,679.30
LVR(S)90-3-2	18.5		120	74	5069790001	5,174.99	5069704001	5,707.23	5070446001	4,126.10
LVR(S)90-3	22		120	88	5047272002	5,794.58	5069719001	6,327.21	5070468001	4,747.55
LVR(S)90-4-2	30		120	106	5069815001	7,156.81	5069729001	7,730.67	5070483001	6,107.92
LVR(S)90-4	30		120	120	5059386002	7,157.19	5069745001	7,731.44	5070496001	6,108.27
LVR(S)90-5-2	37		120	136	5069840001	7,823.98	5069757001	8,442.45	5070510001	6,775.09
LVR(S)90-5	37		120	150	5069854001	7,824.37	5069772001	8,442.84	5070523001	6,775.44
LVR(S)90-6-2	45		120	166	5069868001	9,326.33	5069785001	9,987.93	5070538001	8,275.96
LVR(S)90-6	45		120	182	5069882001	9,328.57	5069799001	9,990.52	5070552001	8,276.31

LVS/LVR Stainless Steel Vertical Multistage Pump

Hydraulic Performance Curves



Dimension



LVR(S)

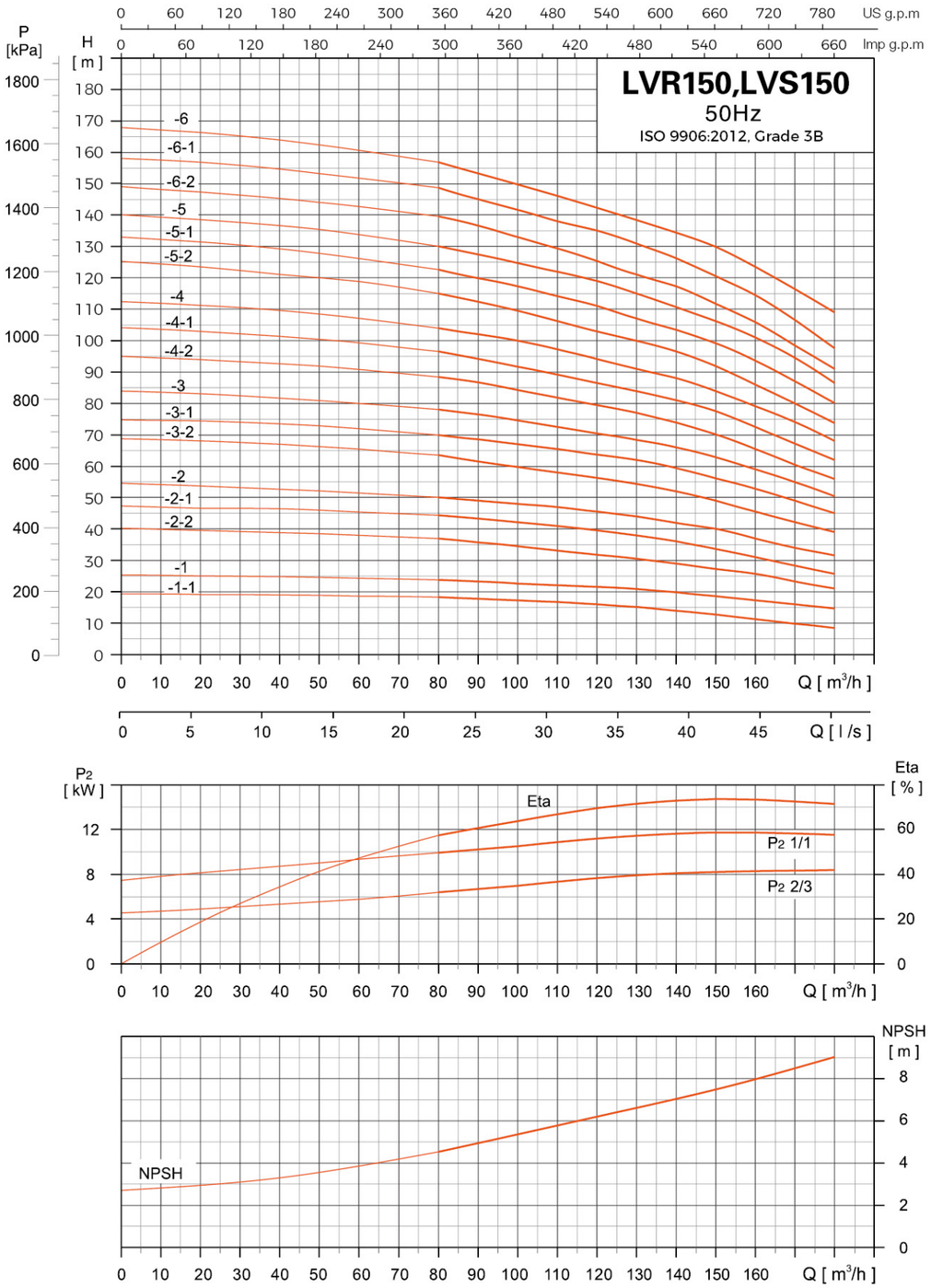
Model	DIN FLANGE(LVR、LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2				
120-1	840	1339	254	175	186	
120-2-2	1000	1499	254	175	210	
120-2-1	1000	1560	330	250	250	
120-2	1000	1600	380	280	285	
120-3-2	1160	1840	420	305	326	
120-3-1	1160	1840	420	305	360	
120-3	1160	1840	420	305	360	
120-4-2	1320	2000	420	305	400	
120-4-1	1320	2000	420	305	400	
120-4	1320	2035	470	335	460	V1
120-5-2	1480	2195	470	335	470	
120-5-1	1480	2195	470	335	470	
120-5	1510	2295	510	370	575	
120-6-2	1670	2455	510	370	585	
120-6-1	1670	2455	510	370	585	
120-6	1670	2515	580	410	705	
120-7-2	1830	2675	580	410	715	
120-7-1	1830	2675	580	410	715	
120-7	1830	2675	580	410	715	

Technical Data

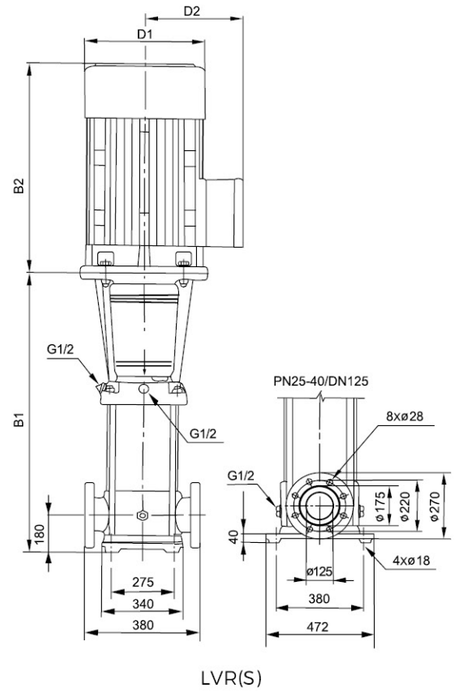
Model	Power	Voltage	Max. Flow	Max. Head	Part No. (LVS-SS304)	Price	Part No. (LVS-SS316)	Price	Part No. (LVR)	Price
	kW	V	m³/h	m		€		€		€
LVR(S)120-1	11	400	150	22	5069897001	7,171.67	5069810001	9,420.37	5070593001	5,709.09
LVR(S)120-2-2	15		150	34	5069910001	7,852.24	5069827001	10,983.69	5070604001	6,778.81
LVR(S)120-2-1	18.5		150	41	5069923001	8,455.11	5069838001	11,147.97	5070620001	6,985.83
LVR(S)120-2	22		150	46	5069939001	9,586.89	5069853001	12,297.60	5070631001	8,118.00
LVR(S)120-3-2	30		150	57	5069950001	10,718.67	5069863001	13,893.60	5070643001	8,755.44
LVR(S)120-3-1	30		150	64	5069963001	10,718.67	5069877001	13,893.60	5070657001	9,246.41
LVR(S)120-3	30		150	69.5	5069976001	10,473.36	5069887001	13,893.60	5070672001	8,753.93
LVR(S)120-4-2	37		150	80.5	5069987001	12,101.69	5069899001	15,746.07	5070683001	10,629.82
LVR(S)120-4-1	37		150	87	5070003001	12,101.69	5069913001	15,746.07	5069614001	10,629.82
LVR(S)120-4	45		150	92.5	5070027001	13,368.05	5069927001	17,048.82	5069625001	11,857.15
LVR(S)120-5-2	45		150	104.5	5070043001	14,334.05	5069941001	18,454.18	5069637001	12,871.08
LVR(S)120-5-1	45		150	110.5	5070056001	14,334.05	5069953001	18,454.18	5069654001	12,871.08
LVR(S)120-5	55		150	115.5	5070068001	15,195.97	5069966001	19,316.10	5069668001	13,763.90
LVR(S)120-6-2	55		150	128	5070083001	16,721.39	5069980001	21,501.26	5069682001	15,252.11
LVR(S)120-6-1	55		150	134	5070102001	16,721.39	5069989001	21,501.26	5069695001	15,252.11
LVR(S)120-6	75		150	139	5070119001	18,423.71	5070007001	23,284.62	5069708001	16,940.30
LVR(S)120-7-2	75		150	151	5070134001	19,348.82	5070021001	24,669.49	5069721001	17,879.93
LVR(S)120-7-1	75		150	156.5	5070149001	19,348.82	5070035001	24,669.49	5069734001	17,879.93
LVR(S)120-7	75		150	162.5	5070165001	19,348.82	5070053001	24,669.49	5069748001	17,879.93

LVS/LVR Stainless Steel Vertical Multistage Pump

Hydraulic Performance Curves



Dimension



LVR(S)

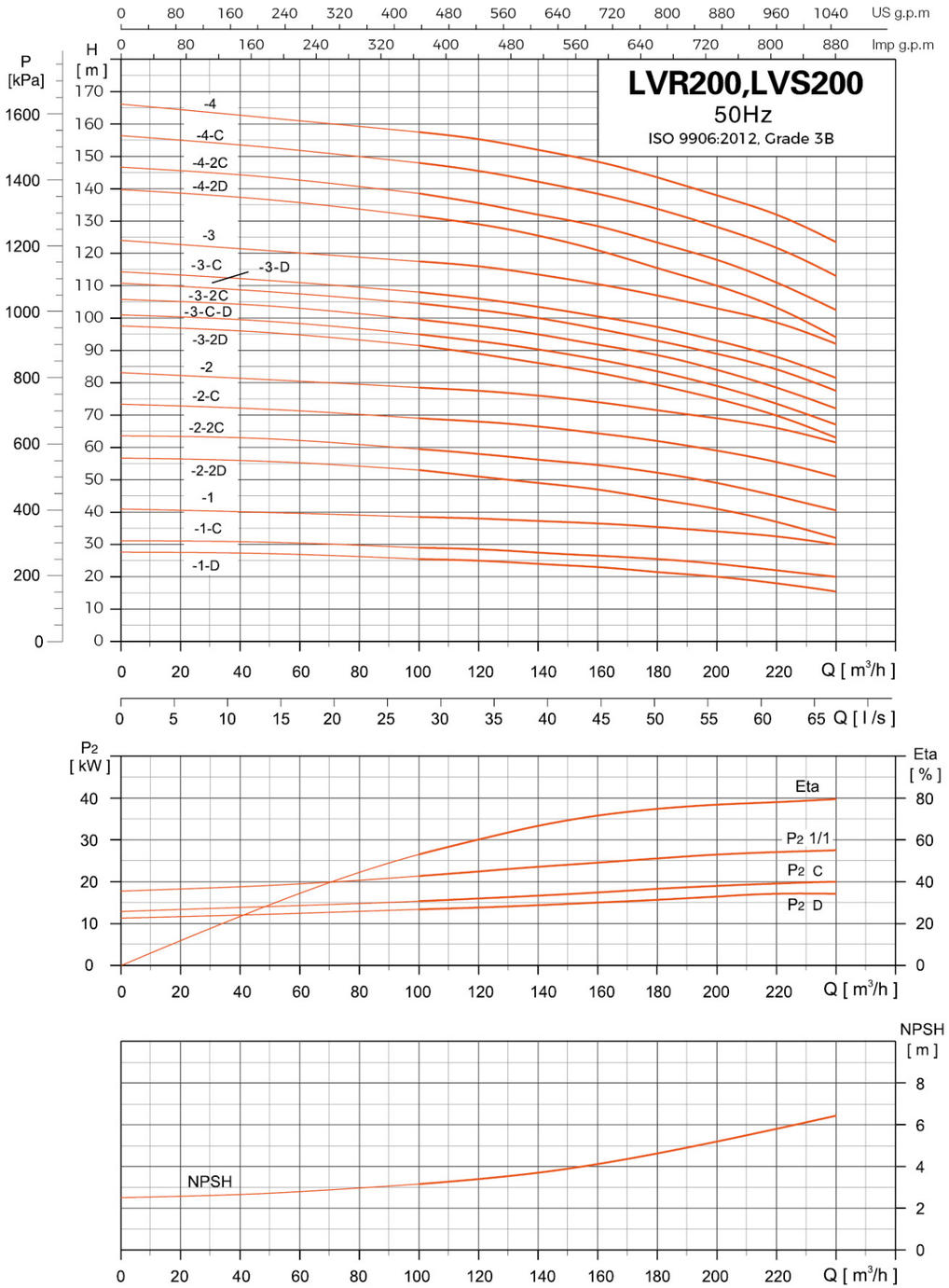
Model	DIN FLANGE(LVR、LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2				
150-1-1	840	1339	254	175	186	V1
150-1	840	1339	254	175	200	
150-2-2	1000	1560	330	250	250	
150-2-1	1000	1600	380	280	295	
150-2	1000	1680	420	305	317	
150-3-2	1160	1840	420	305	360	
150-3-1	1160	1840	420	305	360	
150-3	1160	1840	420	305	385	
150-4-2	1320	2035	470	335	460	
150-4-1	1320	2035	470	335	460	
150-4	1350	2135	510	370	560	
150-5-2	1510	2295	510	370	570	
150-5-1	1510	2355	580	410	690	
150-5	1510	2355	580	410	690	
150-6-2	1670	2515	580	410	700	
150-6-1	1670	2515	580	410	700	
150-6	1670	2515	580	410	700	

Technical Data

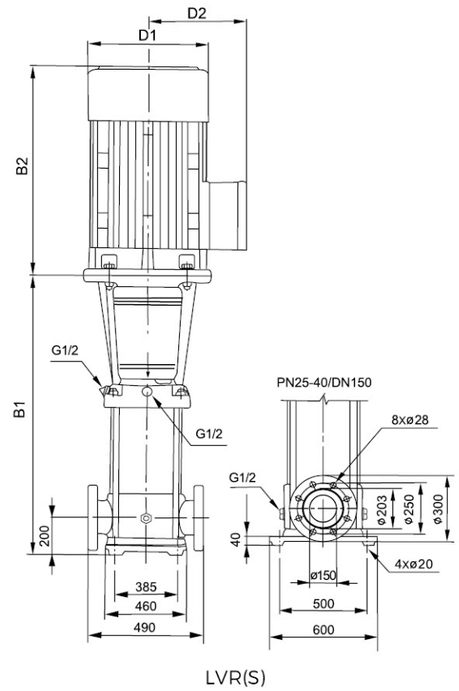
Model	Power	Voltage	Max. Flow	Max. Head	Part No. (LVS-SS304)	Price	Part No. (LVS-SS316)	Price	Part No. (LVR)	Price
	kW	V	m³/h	m		€		€		€
LVR(S)150-1-1	11	400	180	18.3	5070183001	7,354.18	5070069001	9,713.26	5069763001	5,902.75
LVR(S)150-1	15		180	24	5070198001	7,557.10	5070086001	9,875.68	5069777001	6,036.17
LVR(S)150-2-2	18.5		180	37	5070213001	8,701.89	5070103001	11,519.27	5069792001	7,175.00
LVR(S)150-2-1	22		180	44.3	5070225001	9,772.00	5070118001	12,589.37	5069804001	8,269.62
LVR(S)150-2	30		180	50	5070241001	10,000.20	5070129001	12,895.63	5069819001	8,495.26
LVR(S)150-3-2	30		180	63.5	5070256001	10,964.72	5070147001	14,236.29	5069830001	10,351.44
LVR(S)150-3-1	37		180	70	5070274001	11,349.03	5070163001	14,638.44	5069843001	9,816.21
LVR(S)150-3	37		180	78	5070289001	11,349.03	5070176001	14,638.44	5069858001	9,816.21
LVR(S)150-4-2	45		180	89	5070304001	13,625.25	5070192001	17,444.32	5069874001	12,056.00
LVR(S)150-4-1	45		180	96.5	5070322001	13,625.25	5070207001	17,444.32	5069885001	12,056.00
LVR(S)150-4	55		180	104	5070340001	15,031.69	5070224001	19,105.37	5069898001	13,557.23
LVR(S)150-5-2	55		180	115.5	5070356001	16,033.04	5070238001	20,513.70	5069911001	14,459.30
LVR(S)150-5-1	75		180	122.5	5070372001	17,781.04	5070254001	22,346.11	5069926001	16,156.04
LVR(S)150-5	75		180	130	5070389001	17,781.04	5070270001	22,346.11	5069938001	16,156.04
LVR(S)150-6-2	75		180	140	5070404001	18,657.48	5070284001	23,724.29	5069951001	17,122.42
LVR(S)150-6-1	75		180	148.5	5070419001	18,657.48	5070299001	23,724.29	5069965001	17,122.42
LVR(S)150-6	75		180	157	5070434001	18,657.48	5070312001	23,724.29	5069979001	17,122.42

LVS/LVR Stainless Steel Vertical Multistage Pump

Hydraulic Performance Curves



Dimension



LVR(S)

Model	DIN FLANGE(LVR、LVS)		D1	D2	N.W. (kgs)	Motor Mounting Code
	B1	B1+B2				
200-1-D	907	1467	330	250	311	
200-1-C	907	1507	380	280	347	
200-1	907	1587	420	305	403	
200-2-2D	1101	1781	420	305	447	
200-2-2C	1101	1816	470	335	504	
200-2-C	1131	1916	510	370	595	
200-2	1131	1916	510	370	595	
200-3-2D	1325	2170	580	410	748	
200-3-C-D	1325	2170	580	410	748	V1
200-3-2C	1325	2170	580	410	748	
200-3-D	1325	2170	580	410	748	
200-3-C	1325	2170	580	410	748	
200-3	1325	2220	580	410	817	
200-4-2D	1519	2414	580	410	830	
200-4-2C	1519	2619	645	530	1180	
200-4-C	1519	2619	645	530	1180	
200-4	1519	2619	645	530	1180	

Technical Data

Model	Power	Voltage	Max. Flow	Max. Head	Part No. (LVS-SS304)	Price	Part No. (LVS-SS316)	Price	Part No. (LVR)	Price
	kW	V	m³/h	m		€		€		€
LVR(S)200-1-D	18.5	400	240	25.5	5070449001	9,135.29	5070328001	12,100.61	5069996001	7,374.24
LVR(S)200-1-C	22		240	29	5070465001	10,227.31	5070342001	13,221.24	5070009001	8,448.80
LVR(S)200-1	30		240	38.5	5070480001	10,302.74	5070355001	13,347.96	5070022001	8,155.17
LVR(S)200-2-2D	37		240	53	5070495001	12,191.28	5070369001	15,827.49	5070032001	10,403.86
LVR(S)200-2-2C	45		240	59.5	5070513001	13,287.37	5070386001	16,943.66	5070058001	11,462.39
LVR(S)200-2-C	55		240	69	5070527001	14,523.61	5070403001	18,335.98	5070071001	12,683.77
LVR(S)200-2	55		240	78.5	5070540001	14,523.61	5070420001	18,335.98	5070085001	12,683.77
LVR(S)200-3-2D	75		240	91.5	5070555001	17,395.26	5070435001	21,834.27	5070101001	15,617.48
LVR(S)200-3-C-D	75		240	95	5070570001	17,395.26	5070450001	21,834.27	5070117001	15,617.48
LVR(S)200-3-2C	75		240	99.5	5070585001	17,395.26	5070463001	21,834.27	5070133001	15,617.48
LVR(S)200-3-D	75		240	104.5	5070596001	17,395.26	5070475001	21,834.27	5070153001	15,617.48
LVR(S)200-3-C	75		240	108	5070608001	17,395.26	5070487001	21,834.27	5070168001	15,617.48
LVR(S)200-3	90		240	117.5	5070621001	18,474.24	5070503001	22,951.96	5070181001	16,664.52
LVR(S)200-4-2D	90		240	131.5	5070634001	19,891.48	5070518001	25,035.60	5070196001	18,419.61
LVR(S)200-4-2C	110		240	138.5	5070649001	27,715.84	5070532001	33,018.67	5070215001	25,937.68
LVR(S)200-4-C	110		240	148	5070661001	27,715.84	5070549001	33,018.67	5070226001	25,937.68
LVR(S)200-4	110		240	157.5	5070675001	27,715.84	5070563001	33,018.67	5070242001	25,937.68

PERMANENT MAGNET INTELLIGENT SERIES PUMP

All-in-one integration

Ultra IE5 Energy Efficiency Permanent Magnet Motor

Flexible start-stop

Intelligent frequency conversion control

Convenient operating system

Multi-function protection



EVP Vertical Multistage Pump





Application

- Water supply: Pressure boosting for main pipes and high-rise buildings
- Industrial pressure boosting: Water system, cleaning system, high pressure washing system and firefighting system
- Pressure boosting for pressure tank, sprinkling irrigation and trickling irrigation
- Air conditioner, cooling system and industrial cleaning

Features

- Economic vertical multistage pumps
- Applicable for a wide scope of different temperatures, flow rates and pressure ranges
- Water inlet and outlet can be rotated for proper assembly in accordance with installation requirement
- Easy installation and maintenance
- Advanced hydraulic model design, featuring stable operation and high efficiency
- Cast iron water inlet and outlet with special anti-rust treatment
- High-strength engineering plastic flow passage components
- Reliable stainless steel welded shaft

Motor

- Enclosures class: IP55
- Insulation class: F

Working Conditions

- Liquid temperature: +4℃ ~ 75℃
- Liquid pH value: 6.5 ~ 8.5
- Max. ambient temperature: +40℃
- Max. operating pressure: 15 bar
- Altitude: up to 1000 m
- Standard voltage: Single-phase: 220~240V/50Hz

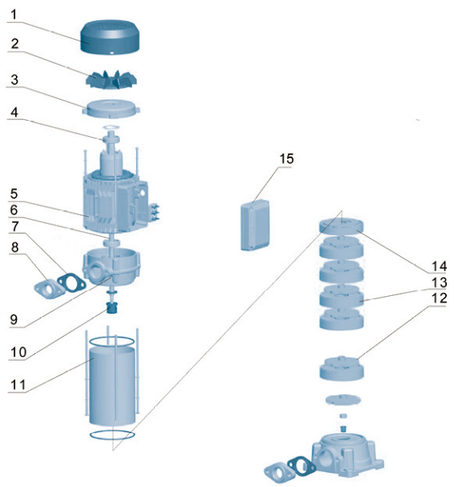
Identification Codes

EVP m 2 - 6

- Impeller Stage
- Rated Flow (m^3/h)
- Single Phase (Three-phase model without m)
- Vertical Multistage Centrifugal Pump

Material Table

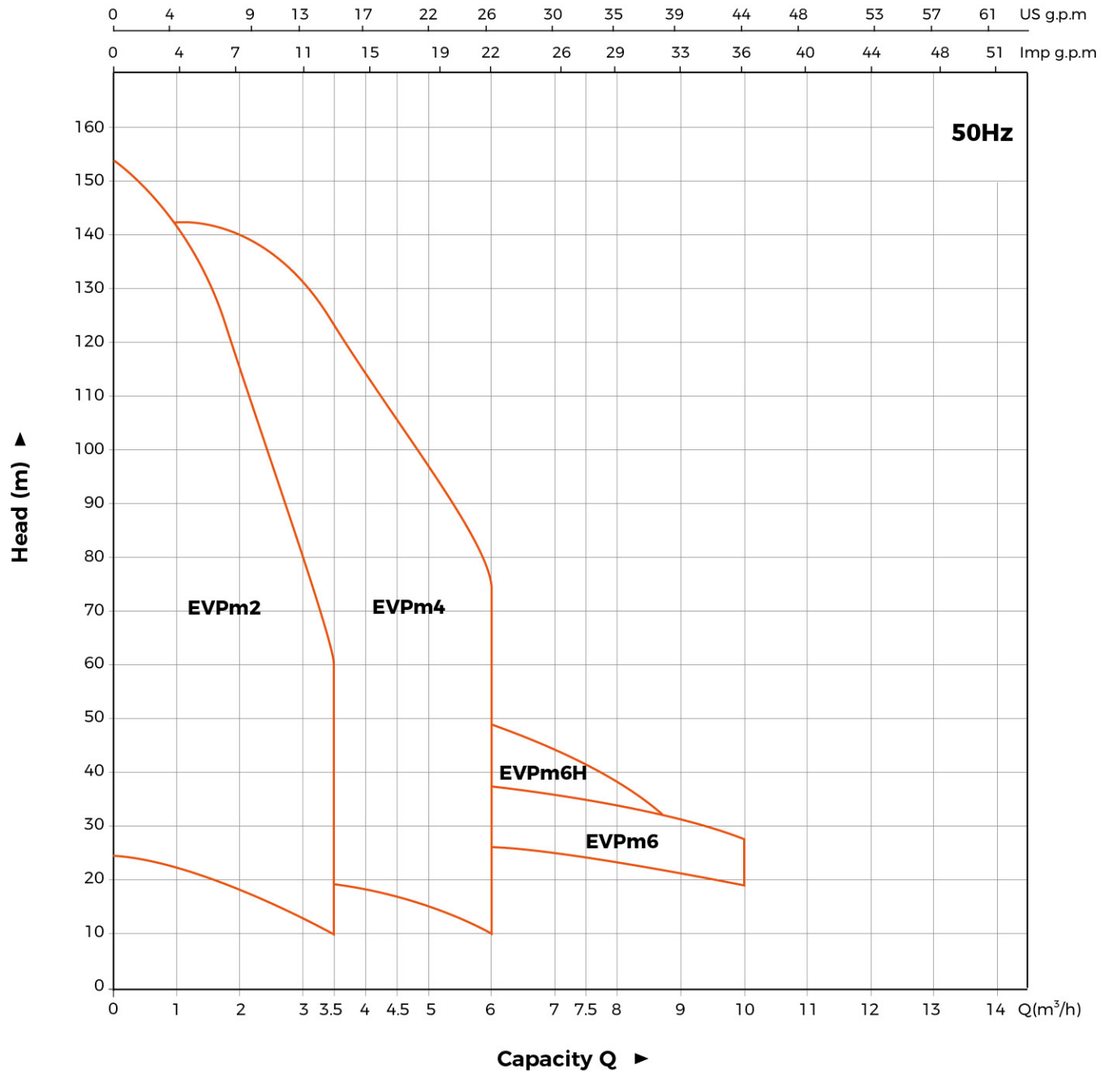
No.	Part	Material
1	Fan cover	08F
2	Fan	PP
3	Rear cover	Cast iron
4	Bearing	
5	Stator	
6	Rotor	
7	Gasket	Rubber
8	Flange	Cast iron
9	Motor bracket	Aluminum
10	Machanical seal	Ceramic/Carbon
11	Pump barrel	SS304
12	Impeller	Plastic
13	Diffuser	Plastic
14	Last stage diffuser	Plastic
15	Capacitor box	Plastic



Product Range

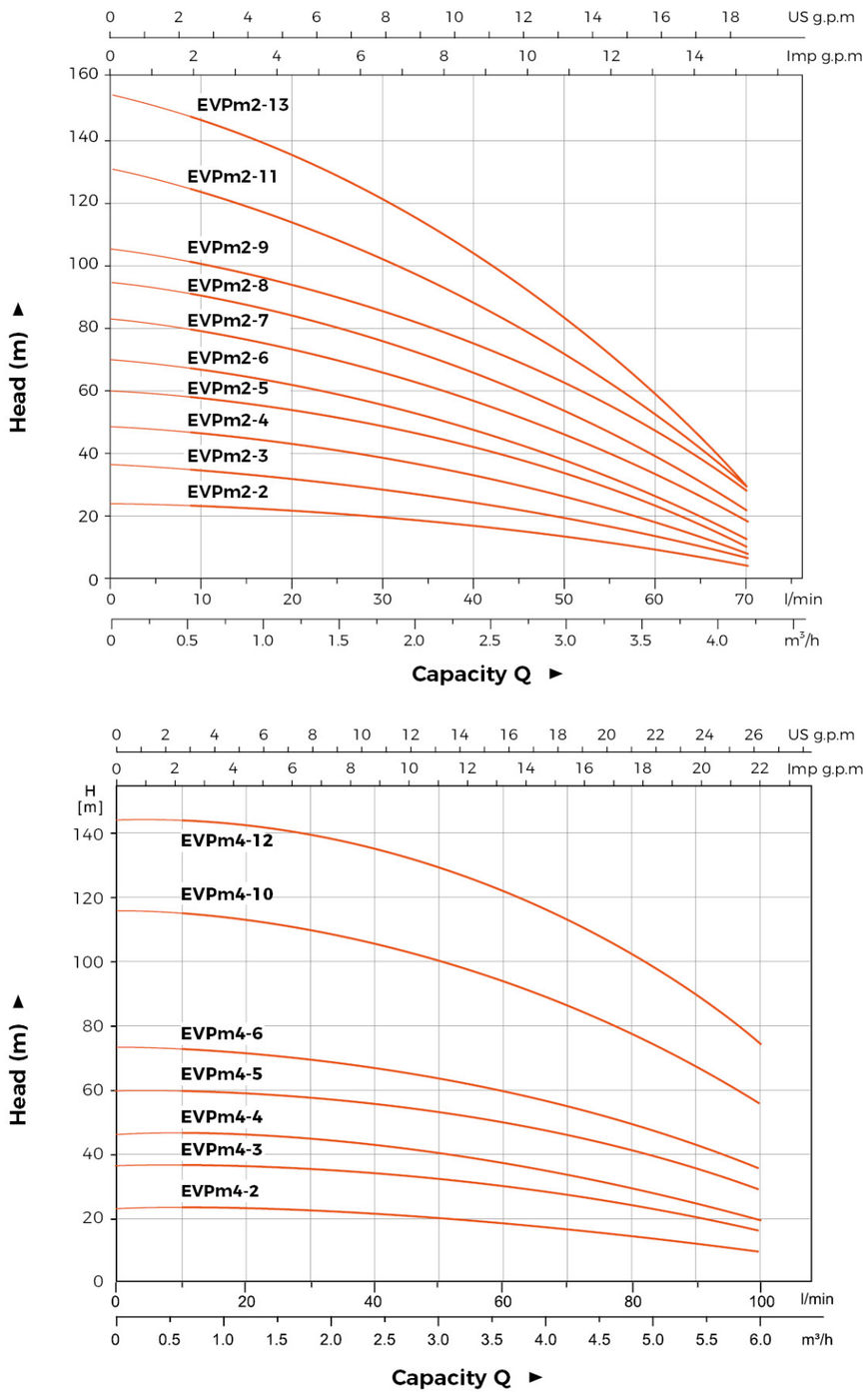
Model	EVP2	EVP4	EVP6	EVP10H
Connector	Oval flange G1	Oval flange G1	Oval flange G1 1/4	Oval flange G1 1/2 (Inlet) Oval flange G1 1/4 (Outlet)

Scope of Performance

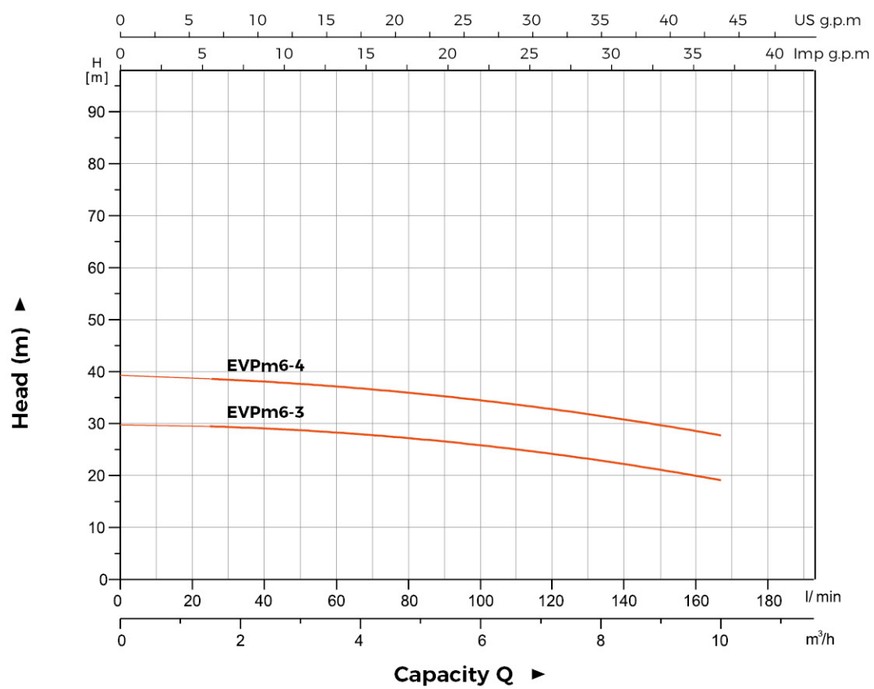


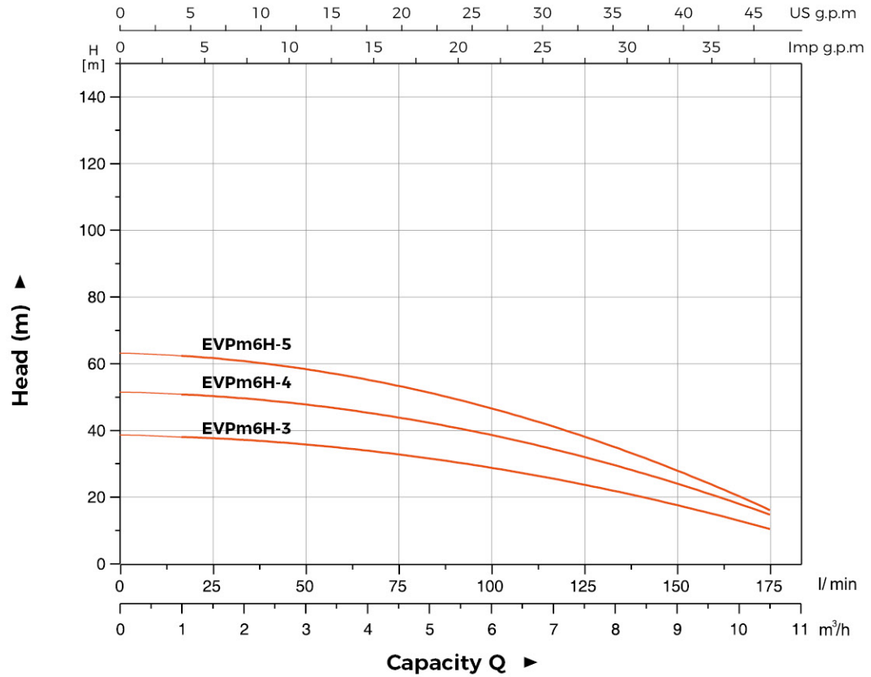
EVP Vertical Multistage Pump

Hydraulic Performance Curves



Hydraulic Performance Curves





EVP Vertical Multistage Pump

Technical Data

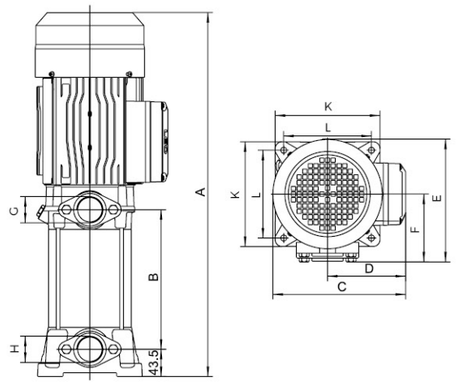
Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V		l/min	m		€
EVPm2-2	0.37	0.5	220-240	1"x1"	4	24	5052583002	260.92
EVPm2-3	0.55	0.75			4	36	5059374002	280.24
EVPm2-4	0.75	1.0			4	48	5054265003	296.62
EVPm2-5	1.0	1.5			4	59	5049234002	315.55
EVPm2-6	1.0	1.5			4	69	5049251004	322.25
EVPm2-7	1.1	1.5			4	82	5045653007	376.53
EVPm2-8	1.5	2.0			4	94	5047485005	396.97
EVPm2-9	1.5	2.0			4	105	5045346014	404.41
EVPm2-11	1.8	2.5			4	130	5043987020	516.26
EVPm2-13	2.2	3.0			4	153	5048246010	608.83

Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V		l/min	m		€
EVPm4-2	0.55	0.75	220-240	1"x1"	6	24	5067434001	272.81
EVPm4-3	0.75	1.0			6	37	5043907005	289.18
EVPm4-4	1.0	1.5			6	47	5043908005	308.50
EVPm4-5	1.5	2.0			6	61	5043909004	374.67
EVPm4-6	1.5	2.0			6	74	5044577010	382.10
EVPm4-10	2.2	3.0			6	116	5056905003	592.28
EVPm4-12	3.0	4.0			6	145	5048245010	703.61

Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V		l/min	m		€
EVPm6-3	1.1	1.5	220-240	$1^1/_4$"x$1^1/_4$"	10	30	5054229004	359.80
EVPm6-4	1.5	2.0			10	40	5054230003	392.13

Model	Power		Voltage	Inlet/Outlet	Max. Flow	Max. Head	Part No.	Price
	kW	HP	V		l/min	m		€
EVPm6H-3	0.55	0.75	220-240	$1^1/_4$"x$1^1/_4$"	10.5	39	5058116002	369.10
EVPm6H-4	0.75	1.0			10.5	52	5052535002	391.01
EVPm6H-5	3.0	4.0			10.5	64	5044594010	446.03

Dimension



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	K (mm)	L (mm)
EVPm2-2	382	122	193	110	202	114.5	G1	G1	166	140.5
EVPm2-3	406	146	193	110	202	114.5	G1	G1	166	140.5
EVPm2-4	430	170	193	110	202	114.5	G1	G1	166	140.5
EVPm2-5	454	194	193	110	202	114.5	G1	G1	166	140.5
EVPm2-6	478	218	193	110	202	114.5	G1	G1	166	140.5
EVPm2-7	545	248.5	210	125	202	114.5	G1	G1	166	140.5
EVPm2-8	569	272.5	210	125	202	114.5	G1	G1	166	140.5
EVPm2-9	593	296.5	210	125	202	114.5	G1	G1	166	140.5
EVPm2-11	641	344.5	210	125	202	114.5	G1	G1	166	140.5
EVPm2-13	689	392.5	210	125	202	114.5	G1	G1	166	140.5
EVPm4-2	382	122	193	110	202	114.5	G1	G1	166	140.5
EVPm4-3	406	146	193	110	202	114.5	G1	G1	166	140.5
EVPm4-4	430	170	193	110	202	114.5	G1	G1	166	140.5
EVPm4-5	497	200.5	210	125	202	114.5	G1	G1	166	140.5
EVPm4-6	521	224.5	210	125	202	114.5	G1	G1	166	140.5
EVPm4-10	617	320.5	210	125	202	114.5	G1	G1	166	140.5
EVPm4-12	731	374	240	141	218	121.5	G1	G1	166	140.5
EVPm6-3	487	190	210	125	198.5	110	G$1^1/_4$	G$1^1/_4$	166	140.5
EVPm6-4	524	227	210	125	198.5	110	G$1^1/_4$	G$1^1/_4$	166	140.5
EVPm6H-3	457	158.5	210	125	202	114.5	G$1^1/_4$	G$1^1/_2$	166	140.5
EVPm6H-4	483.5	185	210	125	202	114.5	G$1^1/_4$	G$1^1/_2$	166	140.5
EVPm6H-5	510	211.5	210	125	202	114.5	G$1^1/_4$	G$1^1/_2$	166	140.5

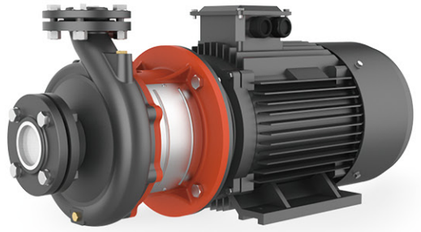
COMMERCIAL END-SUCTION

XST Standard Centrifugal Pump
NDX End Suction Centrifugual Pump
NDZ End Suction Centrifugual Pump

XST Standard Centrifugal Pump



0.75kW~7.5kW



9.2kW~55kW

Application

- Circulation and transfer of clean, chemically non-aggressive water and other liquids
- Water supply & irrigation
- Water circulation in air conditioning systems
- Fire fighting system

Operating Conditions

- Delivery: up to 210 m^3/h
- Head: up to 95 m
- Liquid temperature: Standard -10℃ to 85℃
- Maximum operating pressure: 12 bar (PN12)
- Anti-clockwise rotation when facing pump's suction port
- Impeller: SS304 , Cast iron
- Mechanical seal in compliance with DIN 24960
- Counter flange available on request

Motor

- Closed construction, external ventilation
- Insulation class: F
- Enclosures class: IP54 (optional configuration: IP55)
- Performance in compliance with CEI 2-3 (IEC 34.1)
- Max.ambient temperature: +40℃
- Overload protection
- IE3 Motor for 3~phase

Construction Features

- Single- impeller centrifugal pump featuring axial intake and radial discharge
- Inlet and outlet DN in compliance with EN 733 (ex DIN 24255) and UNI 7467
- Flanges in compliance with UNI 2236 and DIN 2532
  Rear entry (impeller, motor can be extracted without disconnecting the pump body from the pipes)

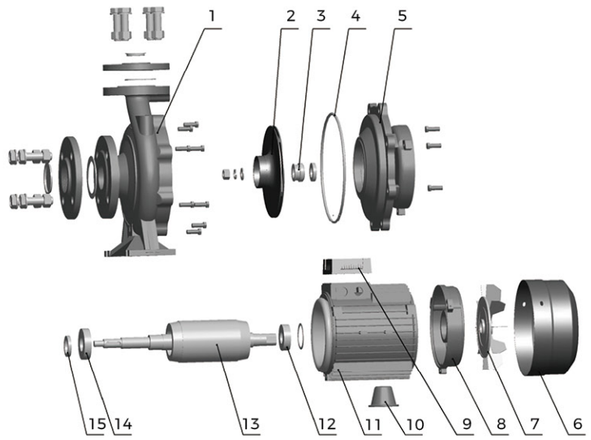
Identification Codes

XST m 32 - 125 K / 11

- Rated Power (1/10 kW)
- Extented Model
- Impeller Nominal Diameter (mm)
- Outlet Diameter (mm)
- Single Phase
  (m is omitted for three-phase)
- Standard Centrifugal Pump

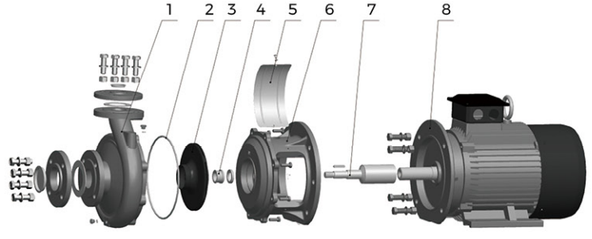
Material Table

Exploded diagram of 7.5 kW and below



No.	Part	Material
1	Pump body	Cast iron
2	Impeller	Cast iron / SS304
3	Mechanical seal	
4	O-ring	NBR
5	Connection body	Cast iron
6	Wind cover	08F
7	Fan	PP
8	Back cover	Cast aluminum
9	Cover box	ABS
10	Brace	Cast iron
11	Stator	
12	Bearing	
13	Rotor	
14	Bearing	
15	Skeleton seal	

Exploded diagram above 7.5 kW



No.	Part	Material
1	Pump body	Cast iron
2	O-ring	NBR
3	Impeller	Cast iron / SS304
4	Mechanical seal	
5	Guard plate	SS304
6	Connection body	Cast iron
7	Pump shaft	C45/SS304
8	Motor	

XST Standard Centrifugal Pump

Performance Parameter

Model 1~	Model 3~	Power		Max. Flow	Max. Head	Part No. (1~)	Price (1~)	Part No. (3~)	Price (3~)
220V	400V	kW	HP	m³/h	m		€		€
XSTm32-125/7*	-	0.75	1	18	17.5	5049714003	416.68	-	-
XSTm32-125/11*	-	1.1	1.5	24	22	5063131003	433.40	-	-
XSTm32-160/15*	-	1.5	2	18	24	5052587003	482.07	-	-
XSTm32-160/22*	-	2.2	3	24	31	5054363005	599.15	-	-
XSTm32-160/30*	-	3	4	27	34.5	5056847003	624.82	-	-
XSTm40-125/11	-	1.1	1.5	27	14.7	5068112001	566.83	-	-
XSTm40-125/15	-	1.5	2	27	18.1	5068123001	587.65	-	-
XSTm40-125/22	-	2.2	3	42	24.5	5051459004	620.72	-	-
-	XST40-160/30	3	4	42	31.8	-	-	5018595006	872.87
-	XST40-160/40	4	5.5	48	38	-	-	5018717006	1,010.32
-	XST40-250/92*	9.2	12.5	48	64	-	-	5067410001	2,692.13
-	XST40-250/110*	11	15	48	72	-	-	5047891002	2,693.64
-	XST40-250/150*	15	20	54	82	-	-	5066503002	2,909.56
XSTm50-125/22	-	2.2	3	54	17	5068146001	690.95	-	-
-	XST50-160/55	5.5	7.5	72	32	-	-	5018680007	1,402.70
-	XST50-160/75	7.5	10	72	40	-	-	5018853005	1,489.24
-	XST50-200/92*	9.2	12.5	72	50.5	-	-	5067499001	2,620.14
-	XST50-200/110*	11	15	72	57.5	-	-	5067511001	2,622.81
-	XST50-250/150*	15	20	84	68.5	-	-	5067522001	2,911.88
-	XST50-250/185*	18.5	25	84	77	-	-	5067537001	3,087.20
-	XST50-250/220*	22	30	84	86.3	-	-	5067551001	3,698.20

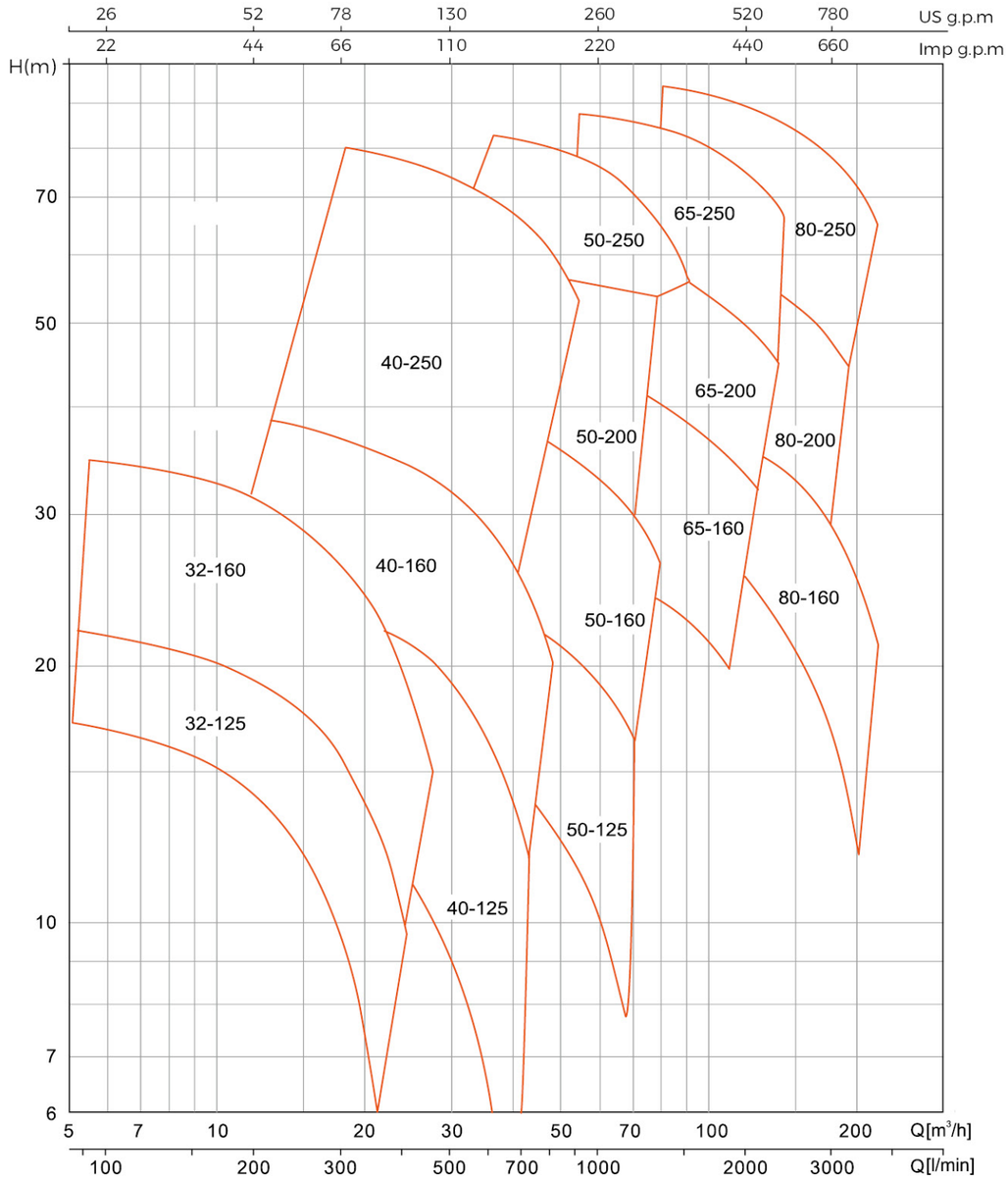
*=Stainless steel impeller

Performance Parameter

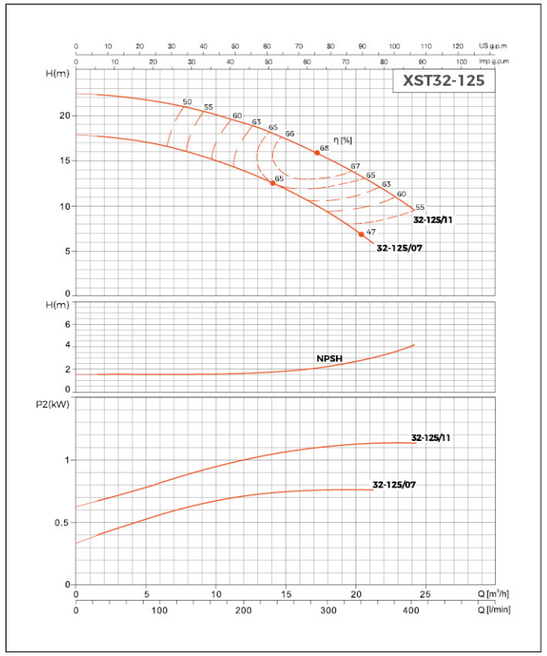
Model 3~	Power		Max. Flow	Max. Head	Part No. (3~)	Price (3~)
400V	kW	HP	m³/h	m		€
XST65-160/92	9.2	12.5	120	33	5067608001	2,628.21
XST65-160/110	11	15	120	36	5018787002	2,628.21
XST65-160/150	15	20	120	42	5041571002	2,842.17
XST65-200/150	15	20	108	45.5	5067652001	2,884.70
XST65-200/185	18.5	25	108	53	5067668001	3,015.99
XST65-200/220	22	30	120	59	5067681001	3,660.30
XST65-200K/185	18.5	25	138	41.2	5067842001	3,111.29
XST65-200K/220	22	30	138	48	5067855001	3,733.79
XST65-200K/300	30	40	138	59.5	5067877001	4,935.92
XST65-250/220	22	30	138	62	5067696001	3,851.33
XST65-250/300	30	40	138	76	5067712001	5,022.46
XST65-250/370	37	50	138	90	5067724001	5,513.61
XST80-160/110	11	15	180	27	5018463003	2,685.61
XST80-160/150	15	20	210	32.8	5018483003	2,897.29
XST80-160/185	18.5	25	210	39	5018512002	3,061.53
XST80-200/220	22	30	180	48	5067782001	3,817.25
XST80-200/300	30	40	180	60	5067795001	4,995.24
XST80-250/370	37	50	210	71.5	5067807001	5,644.92
XST80-250/450	45	61	210	82	5066502002	7,013.18
XST80-250/550	55	75	210	95	5066538002	8,325.16

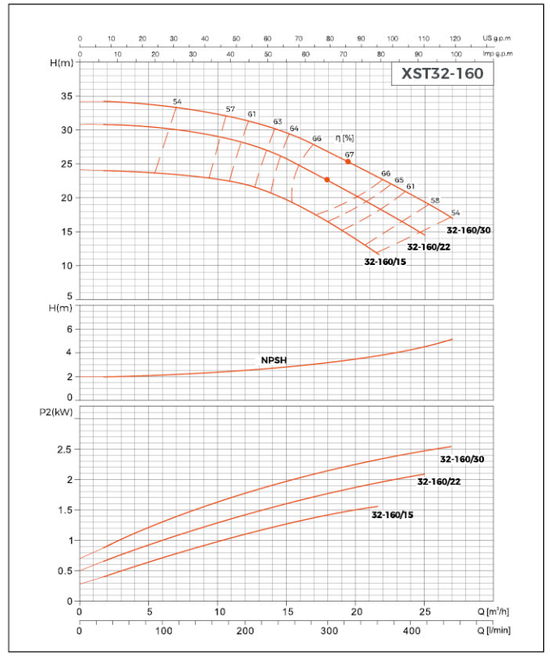
Characteristic Curves

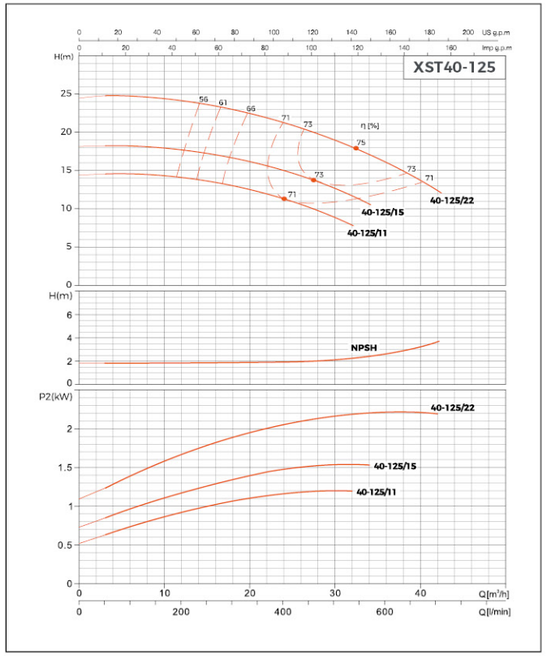
XST	Rated speed: 2900r/min	ISO 9906:2012, Grade 3B

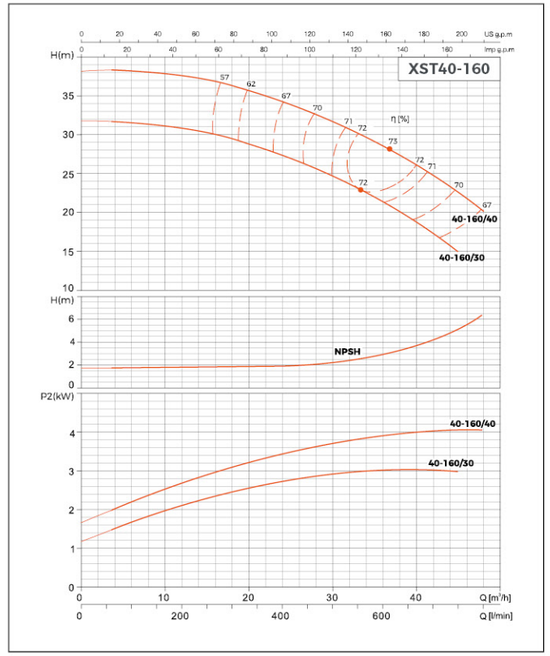


Hydraulic Performance Curves

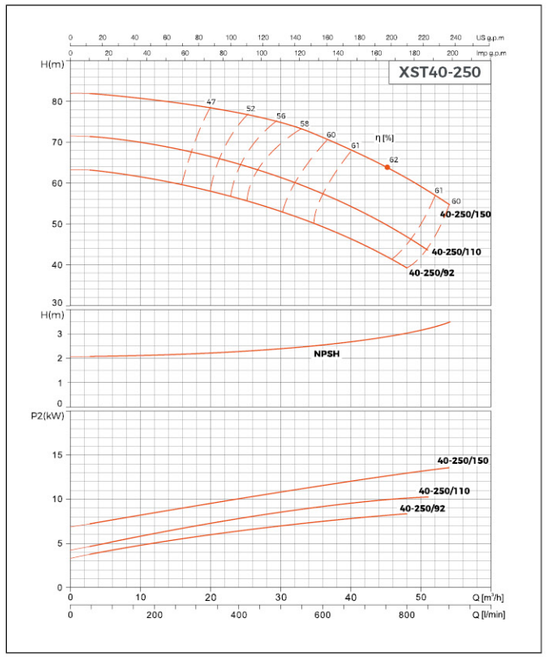


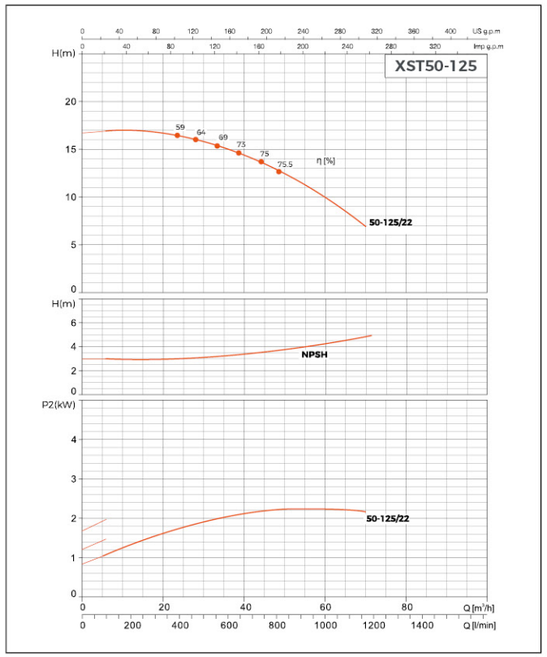


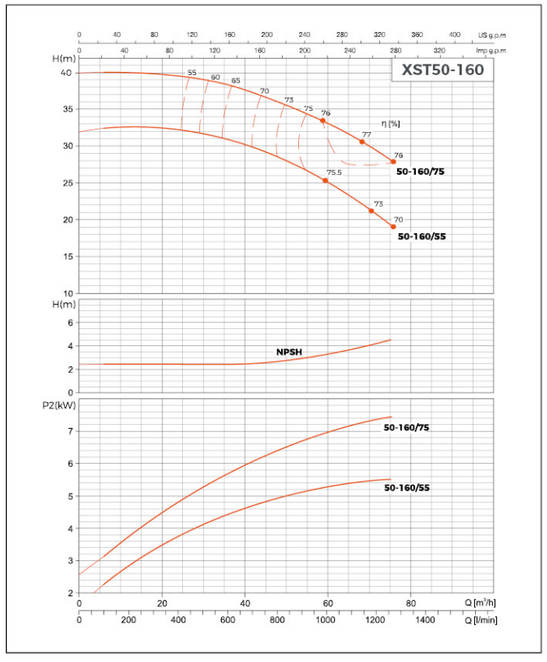


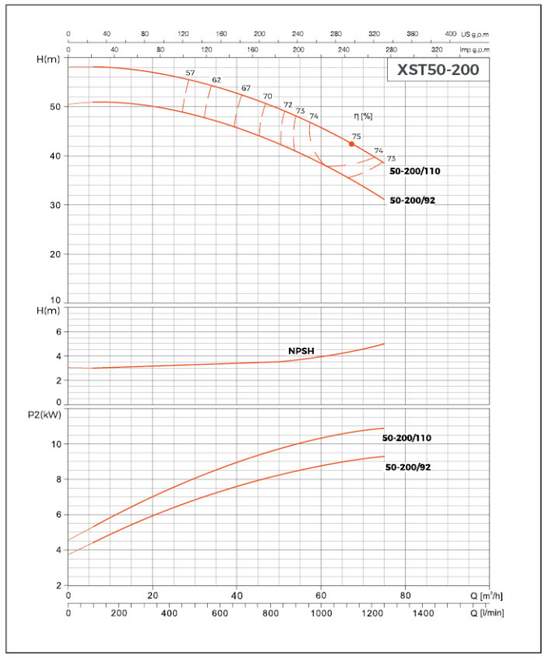


Hydraulic Performance Curves

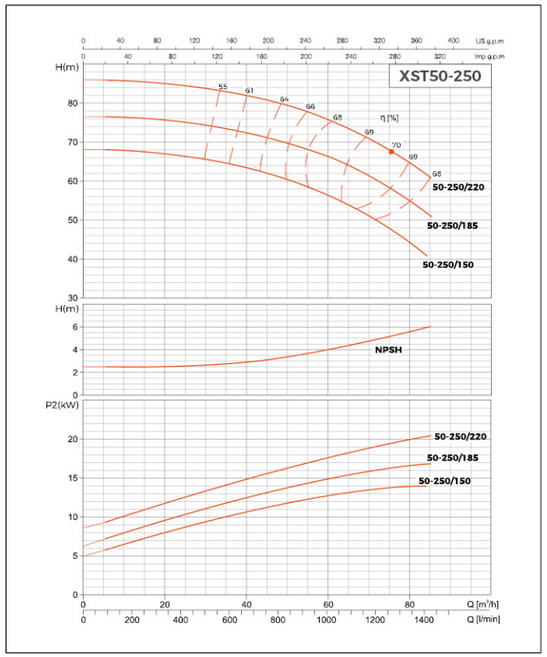


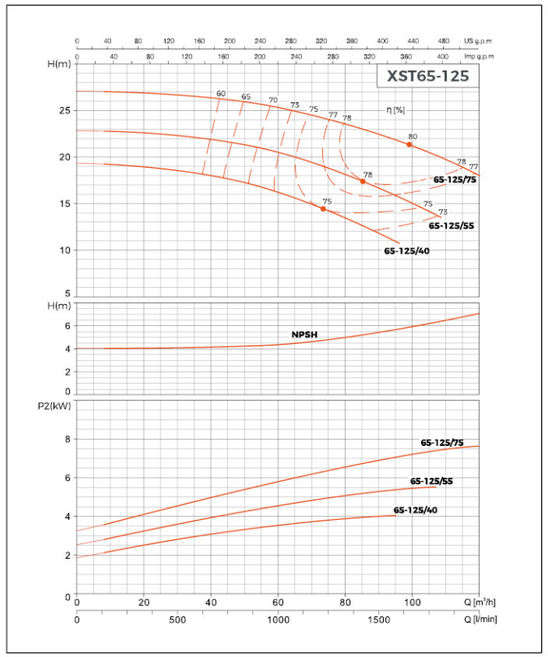


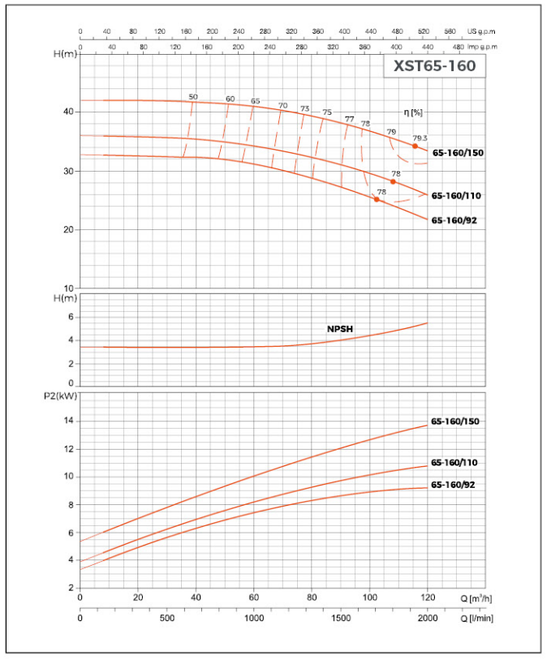


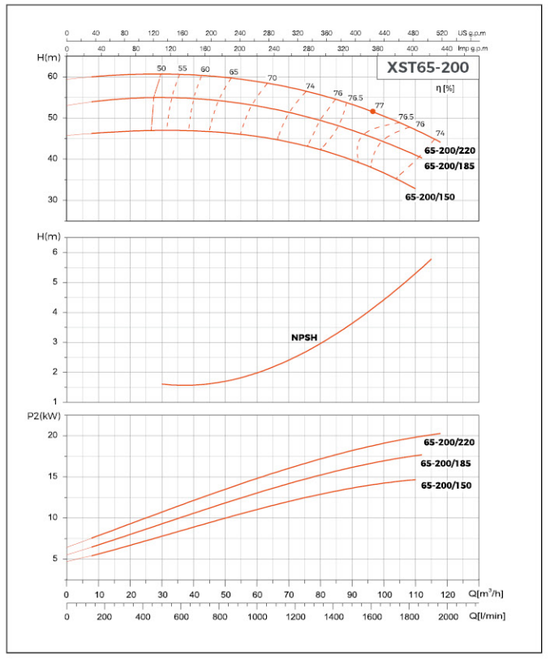


Hydraulic Performance Curves

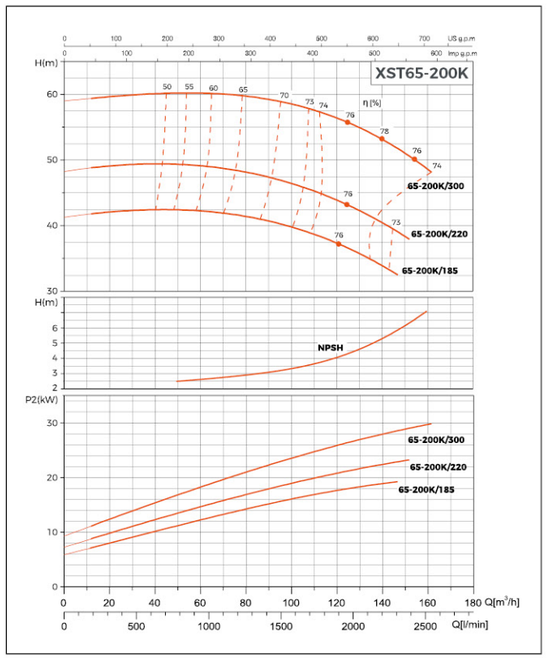


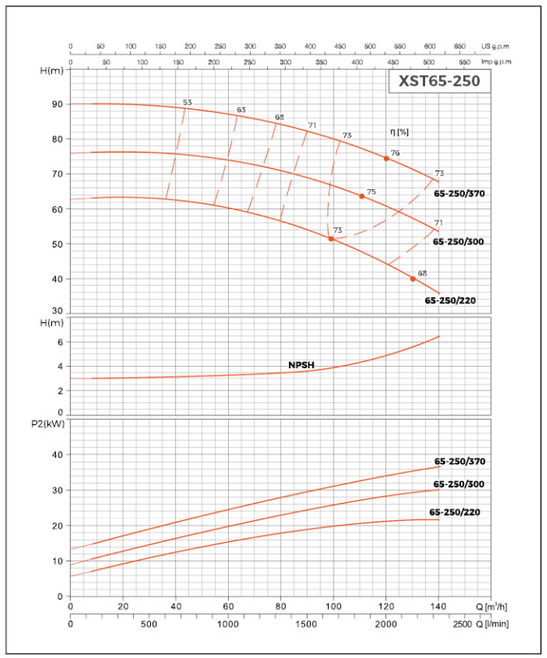


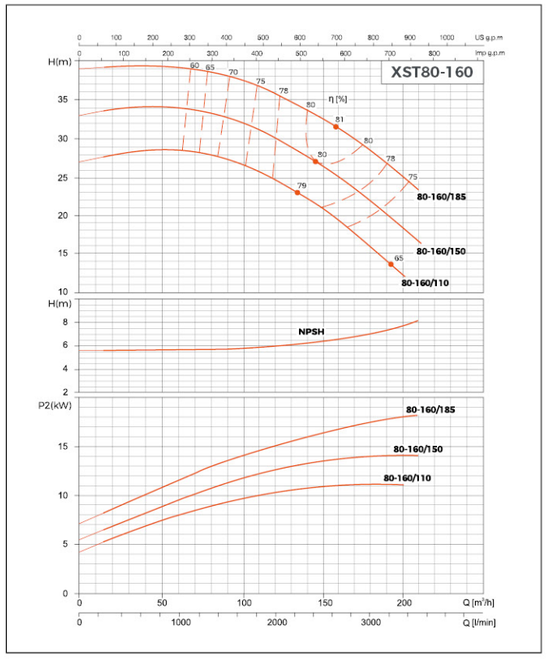


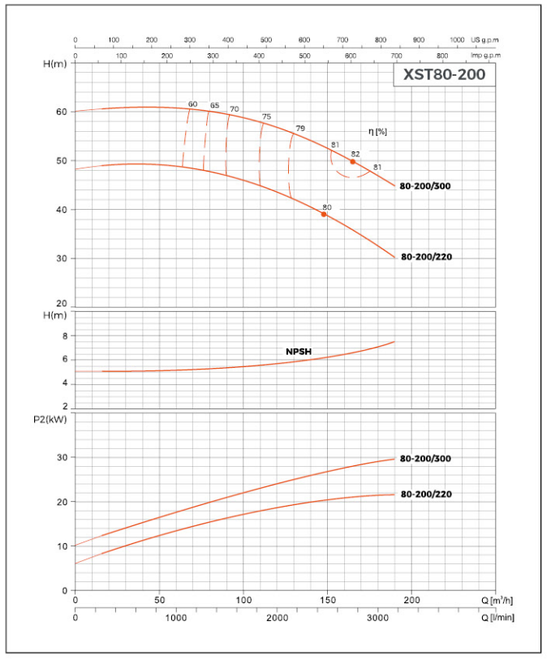


Hydraulic Performance Curves

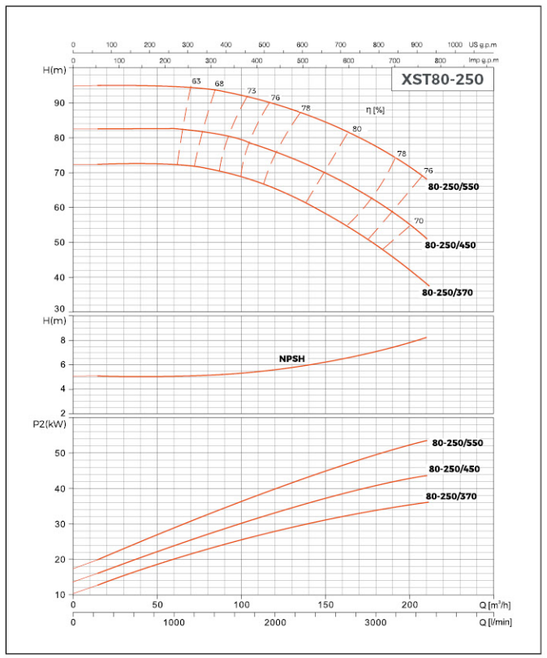








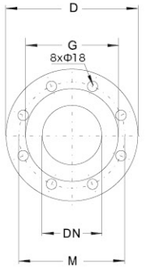
Hydraulic Performance Curves



Flange Size



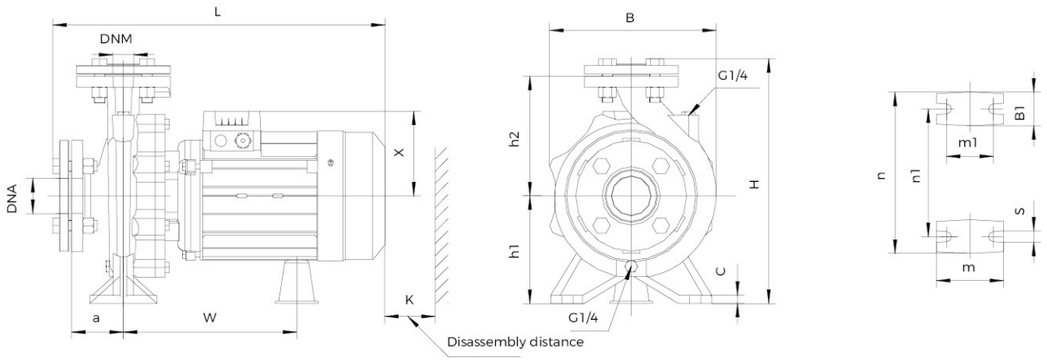
DN	D	M	G	Max. thickness
32	140	100	78	18
40	150	110	88	18
50	165	125	102	20
65	185	145	122	20



DN	D	M	G	Max. thickness
80	200	160	138	22
100	220	180	158	24

Outline Drawing and Outline Size

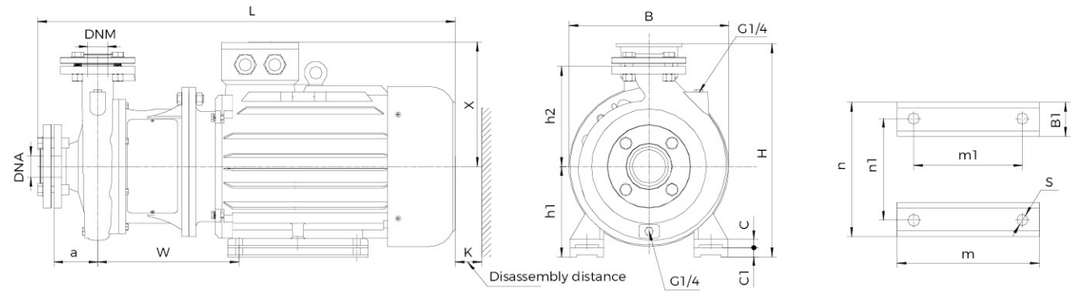
Less than or equal to 7.5 kW



Model	DNM	DNA	a	h2	w	x	B1	c	h1	m	m1	n	n1	s	B	H	L	K
XSTm32-125/7	32	50	80	140	223	123	50	12	112	100	70	190	140	15	197	278	427	85
XSTm32-125/11																		
XSTm32-160/15				160	231			16	132			240	190	14	242	318	428	95
XSTm32-160/22					266	141											498	
XSTm32-160/30																		
XSTm40-125/11	40	65	80	140	203	128	50	12	112			210	160	15	218	279	483	95
XSTm40-125/15																		
XST40-160/30				168	258	127			132			240	190		249	327	491	105
XST40-160/40																		
XSTm50-125/22	50	100		170	262	141	52	12	132			240	190		245	329	517	110
XST50-160/55				180	266	179			160			262	212		271	367	567	
XST50-160/75																	589	

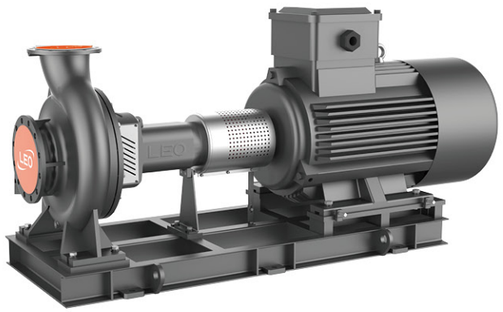
Outline Drawing and Outline Size

Greater than 7.5 kW



Model	DNM	DNA	a	h2	w	x	B1	C	C1	h1	m	m1	n	n1	s	B	H	L	K
XST40-250/92	40	65	100	225	312	255	65	20	20	180	260	210	314	254	14.5	350	445	840	110
XST40-250/110																			
XST40-250/150																			
XST50-200/92	50	65	100	220	310	255	65	20	-	160	260	210	314	254		350	425	838	120
XST50-200/110																			
XST50-250/150				225					20	180	304	254					445		110
XST50-250/185																		882	
XST50-250/220					323	280	70	22	-		311	241	349	279			465	923	
XST65-160/92	65	80	100	200	312	255	65	20	-	160	260	210	314	254	14.5	350	425	840	125
XST65-160/110																			
XST65-160/150																			
XST65-200/150				225	310				20	180	304	254					445	838	
XST65-200/185																		882	
XST65-200/220					323	280	70	22	-		311	241	349	279		355	465	923	
XST65-200K/185					337	255	65	20	20	180	304	254	314	254		350	445	909	
XST65-200K/220					350	280	70	22			311	241	349	279			465	950	
XST65-200K/300					362	305		25		200	368	305	388	318	18.5	400	505	1027	
XST65-250/220				250	353	280		22	-	180	311	241	349	279	14.5	350	465	953	
XST65-250/300					365	305		25		200	368	305	388	318	18.5	400	505	1030	
XST65-250/370																			
XST80-160/110	80	100	125	225	315	255	65	20		160	260	210	314	254	14.5	350	425	869	130
XST80-160/150																			
XST80-160/185											304	254						913	
XST80-200/220				250	352	250		22	-	180	311	241	349	279			465	978	
XST80-200/300					364	305	70	25		200	368	305	388	318	18.5	400	505	1065	
XST80-250/370				280	370														120
XST80-250/450					386	335	75	28		225	393	311	431	356	18.5	450	560	1104	
XST80-250/550					438	370	80	30	30	280	445	349	484	406	24	550	650	1205	

NDX End Suction Centrifugal Pump



Overview

The NDX series horizontal end suction pumps are single-stage, single-suction cantilever centrifugal pumps, representing a new generation of high-efficiency and energy-saving product innovatively developed by LEO company. This series is designed with a wide range of models and excellent hydraulic performance, characterized by simple structure, high reliability, high efficiency and energy conservation, good resistance to cavitation erosion, ease of use and maintenance, and other features.

Technical Parameters

- Inlet diameter: DN40 ~ DN350
- Outlet diameter: DN25 ~ DN300
- Media temperature: -10 ~ 80℃
- Rotation direction: from the drive end, the pump is rotated in clockwise
- Design pressure: 1.6 Mpa @Head≥ 100m, others is 1.0Mpa
- Allowed inlet pressure: Design pressure - Rated head

Model Definition

NDX 100-80-160 A / 2

- Number of motor poles
- Cutting code of impeller
- Nominal diameter of impeller(mm)
- Nominal diameter of outlet(mm)
- Nominal diameter of inlet(mm)
- New generation end-suction centrifugal pump

Structure Features

Energy-saving and High-efficiency

- MEI ≥0.4 which meets the requirements of the European Union's Minimum Energy Performance Indicator regulations.
- Installation dimensions comply with the European standard EN733, and have been expanded to provide a wider product coverage.
- Design, manufacturing, and quality conform to the GB/T5656 "Centrifugal Pump Technical Conditions" standard.
- The pump casing features a circular chamber design for high efficiency and better pressure resistance.
- Smooth coatings on the inlet and outlet has excellent wear and corrosion resistant performance and results in low hydraulic losses.
- The latest design of the impeller is optimized to offer high efficiency, a wide high-efficiency range, and low hydraulic losses.

Long service life

- Silicon carbide/silicon carbide (SiC/SiC) mechanical seals provide a high temperature range, excellent wear resistance.
- For pumps with high radial forces, a double volute design is adopted for pressure chamber to increase strength, reduce loading on bearing and shaft seal.
- 100% dynamic balancing test is performed on the impeller to reduce pump vibration and noise.

Easy maintenance

- Back pull-out structure for convenient disassembly and inspection.
- Optional extended diaphragm coupling allows for easy maintenance by pulling it backward without removing the motor.

Technical Parameters

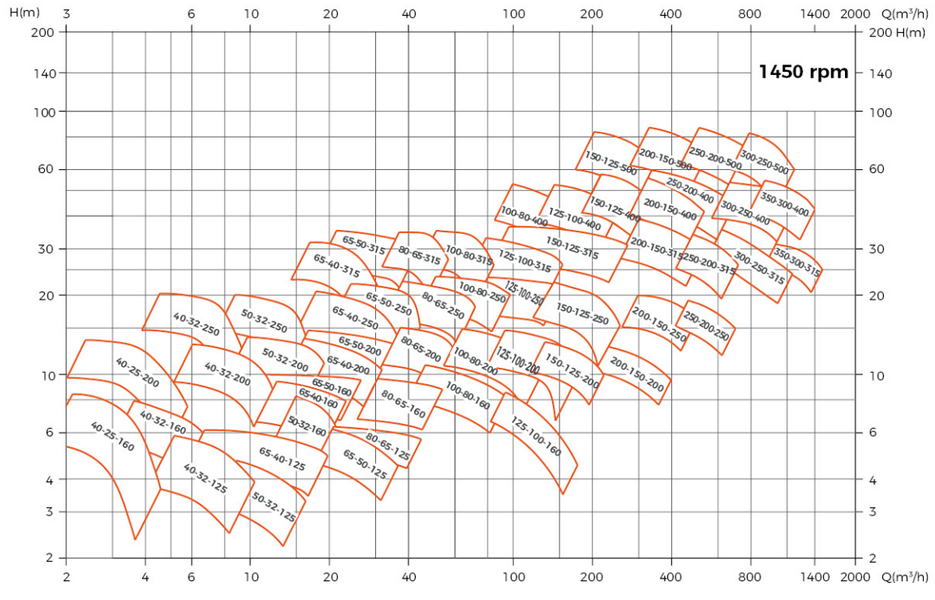
Item	Comment
Flow	1.9 ~ 1488 m^3/h
Head	3 ~ 142 m
Standard temperature	-10 ~ 80 ℃
Nominal speed	1450/2900 rpm
Power range	0.55 ~ 375 kW
Outlet diameter	DN25 ~ DN300
Working pressure	1.0/1.6 Mpa

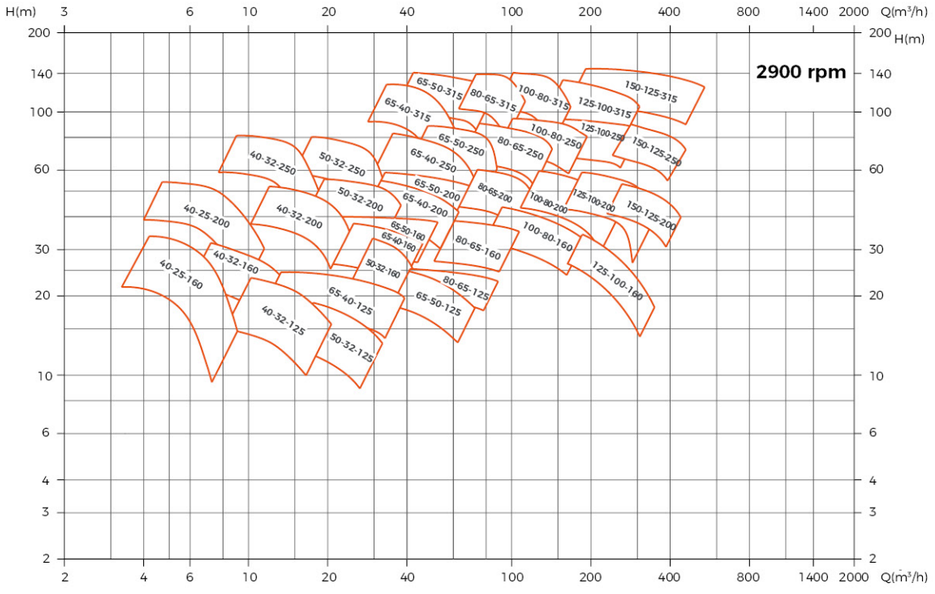
Configuration Table

Part	Standard	Option 1	Option 2	Option 3
Casing and cover	Cast iron/Ductle iron	Cast iron/Ductle iron	SS304	SS316
Impeller	Cast iron	SS304	SS304	SS316
Shaft	X20Cr13	X20Cr13	X20Cr13	SS2205
Seal ring	/	/	SS304	SS316
Cantilever / Connection frame	Cast iron			
Accessories and Components				
Bearing	High quality bearing	FAG/SKF		
Mechanic seal	LEO MG12	Bogman MG12, Local brand MG12		
Coupling	Elastic pin coupling (Can be customized extended Diaphragm Coupling)			

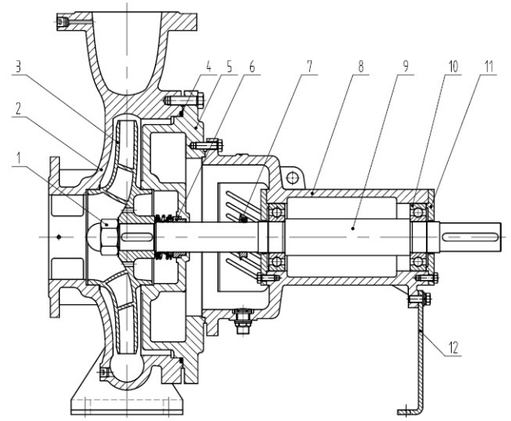
NDX End Suction Centrifugual Pump

Hydraulic Performance Curves



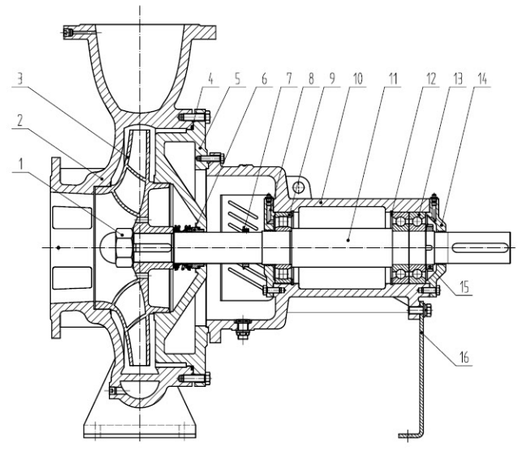


Material Table



Structure Comment: The above structure is designed for the 25, 35, 45, and 55 shaft systems. Both ends employ maintenance-free deep groove ball bearings.

No.	Part
1	Impeller nut
2	Pump body
3	Impeller
4	O-ring
5	Pump cover
6	Mechanical seal
7	Water baffle
8	Cantilever
9	Shaft
10	Coupling
11	Coupling cover
12	Bracket



Structure Comment: The above structure is intended for the 65 and 75 shaft systems. The drive end employs a pair of angular contact ball bearings, while the non-drive end utilizes cylindrical roller bearings.

No.	Part
1	Impeller Nut
2	Pump body
3	Impeller
4	O ring
5	Pump cover
6	Mechanical seal
7	Water baffle
8	No-drive-end coupling cover
9	Cylindrical Roller Bearing
10	Connection frame
11	Shaft
12	Hole-mounted Elastomer Retaining Ring
13	Angular Contact Ball Bearing
14	Drive-end Bearing Cover
15	Round nut
16	Bracket

NDX End Suction Centrifugual Pump

Features

- **Casing**

  It is designed with a circular pressure chamber for high efficiency and good strength. The inlet and outlet channels are coated with wear-resistant and corrosion-resistant smooth coatings to minimize hydraulic losses. The suction chamber features flow-guide ribs are designed for eliminating vortices at the inlet, ensuring smooth and low noise operation, and excellent cavitation resistance. For pumps with large radial forces, a double volute design is adopted for good strength, decreasing loads on the bearings and shaft seals, and longer service life.

- **Impeller**

  Designed by using ternary flow theory and simulated by CFD (Computational Fluid Dynamics) which offer high efficiency and a wide high-efficiency range. Fabricated by using metal molds and precision casting in stainless steel, with CNC machining which can minimize hydraulic losses. The impellers are checked by dynamic balancing test 100% to reduce pump vibration.

- **Pump Shaft**

  The pump shaft is made of X20Cr13 stainless steel and can be used versatility. Only six types of shafts are used for over 90 specifications of the entire series which shafts, bearings, shaft seals, and impeller fasteners of the same specification can be interchanged.

- **Shaft Seal**

  Adopting carbide silicon/carbide silicon (SiC/SiC) hard-face mechanical seal which has better wear resistance and longer service life compared with conventional designs.

- **Bearings**

  Double-sealed maintenance-free bearings are employed in small shaft systems which are no additional lubrication needed to reduce maintenance costs. For large shaft systems, the drive end employs a pair of angular contact ball bearings, while the non-drive end utilizes cylindrical roller bearings. This design can withstand higher axial and radial forces and extend the products' lifecycle compared to normal designs.

Instructions

Start up

- Before connecting pump to the power, ensure that the rotation direction of the motor is correct and that the pump rotates smoothly.
- Close the valve on the discharge pipe.
- Fill the pump with water or use a vacuum pump to fill the pump.
- Switch on the power supply. Once the pump reaches its normal speed, gradually open the valve on the discharge pipeline and adjust it to the operating point in demand. With the valve on the discharge pipe closed, the pump should not operate continuously for more than 3 minutes.

Shut down

- Close the valve on the pipeline gradually and disconnect the power supply.
- If the ambient temperature falls below 0°C , it is necessary to drain the water inside the pump to prevent it from freezing and cracking.
- If the pump is not going to be used for a long period, it should be dismantled, coated with oil, and stored after being properly packaged.

Operation

- During startup and operation, it is necessary to observe the instrument readings, checking if the bearing temperature, pump vibration, and noise are normal. If any abnormalities are found, they should be handled promptly.
- The bearing temperature rise should not exceed 40°C above ambient temperature, and the maximum bearing temperature should not exceed 80°C .
- If the gap between sealing ring and impeller is worn excessively, the sealing ring should be replaced by a new one.

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDX40-25-160/2	5.5	1.5	32.1	2900	8.1	34.6	1.4	2.2	5067364001	1,625.39
	6.9	1.9	27.6		8.7	35.1	1.5	2.2		
	8.4	2.3	18.9		9.3	28.1	1.5	2.2		
NDX40-25-160A/2	5.0	1.4	25.9	2900	7.5	33.6	1.1	1.5	5067374001	1,608.67
	6.2	1.7	22.2		8.1	34.1	1.1	1.5		
	7.5	2.1	15.2		8.7	27.1	1.1	1.5		
NDX40-25-160B/2	4.4	1.2	20.6	2900	7.0	32.6	0.8	1.1	5067385001	1,486.36
	5.6	1.5	17.7		7.5	33.1	0.8	1.1		
	6.7	1.9	12.1		8.0	26.1	0.9	1.1		
NDX40-25-200/2	5.9	1.7	53.3	2900	6.9	27.6	3.1	4.0	5067395001	2,235.69
	7.4	2.1	50.8		7.3	31.0	3.3	4.0		
	9.0	2.5	43.4		7.7	29.6	3.6	5.5		
NDX40-25-200A/2	5.6	1.6	48.2	2900	6.7	26.6	2.8	4.0	5067404001	1,976.99
	7.0	1.9	46.0		7.1	30.0	2.9	4.0		
	8.6	2.4	39.3		7.5	28.6	3.2	4.0		
NDX40-25-200B/2	5.4	1.5	43.4	2900	6.5	25.6	2.5	4.0	5067416001	1,976.99
	6.7	1.8	41.3		6.8	29.0	2.6	4.0		
	8.1	2.3	35.3		7.2	27.6	2.8	4.0		
NDX40-25-200C/2	5.0	1.4	38.3	2900	6.2	24.6	2.1	3.0	5074667001	1,891.99
	6.3	1.7	36.5		6.5	28.0	2.2	3.0		
	7.6	2.1	31.2		6.9	26.6	2.4	3.0		
NDX40-32-125/2	12.5	3.5	22.4	2900	1.7	58.1	1.3	2.2	5067429001	1,583.38
	15.6	4.3	20.4		1.8	60.0	1.4	2.2		
	17.2	4.8	19.0		1.9	57.9	1.5	2.2		
NDX40-32-125A/2	11.3	3.1	18.3	2900	1.6	57.1	1.0	1.5	5067436001	1,566.66
	14.1	3.9	16.7		1.7	59.0	1.1	1.5		
	15.5	4.3	15.5		1.8	56.9	1.1	1.5		
NDX40-32-125B/2	10.0	2.8	14.3	2900	1.5	56.1	0.7	1.1	5067446001	1,444
	12.5	3.5	13.1		1.6	58.0	0.8	1.1		
	13.7	3.8	12.1		1.6	55.9	0.8	1.1		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX40-32-160/2	9.6	2.7	28.9	2900	4.7	39.3	1.9	3.0	5067454001	1,772.94
	12.0	3.3	26.0		5.3	40.3	2.1	3.0		
	13.2	3.7	23.9		5.6	38.9	2.2	3.0		
NDX40-32-160A/2	8.9	2.5	24.6	2900	4.5	38.3	1.6	2.2	5067464001	1,647.31
	11.1	3.1	22.2		5.0	39.3	1.7	2.2		
	12.2	3.4	20.4		5.3	37.9	1.8	2.2		
NDX40-32-160B/2	8.1	2.2	20.4	2900	4.2	37.3	1.2	2.2	5067475001	1,647.31
	10.1	2.8	18.3		4.7	38.3	1.3	2.2		
	11.1	3.1	16.9		5.0	36.9	1.4	2.2		
NDX40-32-200/2	16.0	4.4	49.7	2900	5.8	33.1	6.6	7.5	5067485001	2,956.76
	20.0	5.6	45.3		7.1	35.0	7.0	11.0		
	22.0	6.1	41.6		7.8	35.0	7.1	11.0		
NDX40-32-200A/2	15.2	4.2	45.0	2900	5.6	32.1	5.8	7.5	5067494001	2,323.42
	19.0	5.3	41.0		6.9	34.0	6.2	7.5		
	20.9	5.8	37.6		7.5	34.0	6.3	7.5		
NDX40-32-200B/2	14.4	4.0	40.5	2900	5.4	31.1	5.1	7.5	5067507001	2,323.42
	18.0	5.0	36.8		6.6	33.0	5.5	7.5		
	19.8	5.5	33.8		7.3	33.0	5.6	7.5		
NDX40-32-200C/2	13.6	3.8	35.8	2900	5.2	30.1	4.4	7.5	5067519001	2,323.42
	17.0	4.7	32.6		6.4	32.0	4.7	7.5		
	18.7	5.2	29.9		7.0	32.0	4.8	7.5		
NDX40-32-250/2	12.0	3.3	79.4	2900	7.4	31.2	8.3	11.0	5067531001	3,230.34
	15.0	4.2	73.5		7.5	33.9	8.9	11.0		
	16.9	4.7	61.4		7.6	29.9	9.5	15.0		
NDX40-32-250A/2	11.4	3.2	72.0	2900	7.2	30.2	7.4	11.0	5067542001	3,076.44
	14.3	4.0	66.6		7.3	32.9	7.9	11.0		
	16.1	4.5	55.7		7.4	28.9	8.4	11.0		
NDX40-32-250B/2	10.8	3.0	64.3	2900	6.9	29.2	6.5	11.0	5067553001	3,076.44
	13.5	3.8	59.5		7.0	31.9	6.9	11.0		
	15.2	4.2	49.7		7.1	27.9	7.4	11.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX40-32-250C/2	10.2	2.8	57.7	2900	6.7	28.2	5.7	11.0	5067562001	3,076.44
	12.8	3.6	53.4		6.7	30.9	6.0	11.0		
	14.4	4.0	44.6		6.8	26.9	6.5	11.0		
NDX50-32-125/2	23.3	6.5	17.0	2900	1.6	54.0	2.0	3.0	5067574001	1,714.21
	26.3	7.3	15.9		1.7	54.7	2.1	3.0		
	29.6	8.2	14.5		1.9	54.5	2.2	3.0		
NDX50-32-125A/2	21.2	5.9	14.1	2900	1.5	53.0	1.5	2.2	5067587001	1,588.22
	24.0	6.7	13.2		1.6	53.7	1.6	2.2		
	27.0	7.5	12.0		1.8	53.5	1.7	2.2		
NDX50-32-125B/2	19.1	5.3	11.5	2900	1.4	52.0	1.2	1.5	5067599001	1,571.50
	21.6	6.0	10.7		1.5	52.7	1.2	1.5		
	24.3	6.8	9.8		1.7	52.5	1.2	1.5		
NDX50-32-160/2	31.3	8.7	32.5	2900	3.5	68.7	4.0	5.5	5067610001	2,167.67
	35.4	9.8	30.8		3.6	70.1	4.2	5.5		
	38.1	10.6	29.2		3.7	69.4	4.4	5.5		
NDX50-32-160A/2	28.7	8.0	27.4	2900	3.3	67.7	3.2	4.0	5067620001	1,895.21
	32.5	9.0	26.0		3.4	69.1	3.3	4.0		
	35.0	9.7	24.6		3.5	68.4	3.4	4.0		
NDX50-32-160B/2	26.3	7.3	23.0	2900	3.1	66.7	2.5	4.0	5067636001	1,895.21
	29.8	8.3	21.9		3.2	68.1	2.6	4.0		
	32.1	8.9	20.7		3.3	67.4	2.7	4.0		
NDX50-32-200/2	27.3	7.6	53.5	2900	3.9	60.1	6.6	11.0	5067649001	2,959.01
	32.7	9.1	51.0		4.9	63.1	7.2	11.0		
	35.7	9.9	47.9		5.7	62.2	7.5	11.0		
NDX50-32-200A/2	26.0	7.2	48.5	2900	3.8	59.1	5.8	7.5	5067664001	2,959.01
	31.1	8.6	46.2		4.7	62.1	6.3	11.0		
	34.0	9.4	43.4		5.5	61.2	6.6	11.0		
NDX50-32-200B/2	24.5	6.8	43.3	2900	3.6	58.1	5.0	7.5	5067677001	2,324.90
	29.4	8.2	41.3		4.6	61.1	5.4	7.5		
	32.1	8.9	38.7		5.3	60.2	5.6	7.5		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m³/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX50-32-200C/2	23.2	6.5	38.8	2900	3.5	57.1	4.3	7.5	5067686001	2,324.90
	27.8	7.7	37.0		4.4	60.1	4.7	7.5		
	30.4	8.4	34.7		5.1	59.2	4.9	7.5		
NDX50-32-250/2	23.2	6.4	77.0	2900	7.1	36.9	13.2	15.0	5067699001	3,380.48
	29.0	8.1	69.8		7.3	39.2	14.1	18.5		
	31.9	8.9	58.2		7.4	34.3	14.7	18.5		
NDX50-32-250A/2	22.0	6.1	69.3	2900	6.9	35.9	11.6	15.0	5067709001	3,380.48
	27.5	7.6	62.9		7.0	38.2	12.3	15.0		
	30.3	8.4	52.4		7.1	33.3	13.0	18.5		
NDX50-32-250B/2	20.9	5.8	62.6	2900	6.6	34.9	10.2	15.0	5067720001	3,249.27
	26.2	7.3	56.8		6.8	37.2	10.9	15.0		
	28.8	8.0	47.3		6.9	32.3	11.5	15.0		
NDX50-32-250C/2	19.7	5.5	55.8	2900	6.4	33.9	8.8	15.0	5067737001	3,249.27
	24.7	6.9	50.6		6.6	36.2	9.4	15.0		
	27.1	7.5	42.1		6.6	31.3	10.0	15.0		
NDX65-40-125/2	24.3	6.7	23.3	2900	4.4	64.4	2.4	3.0	5067753001	1,845.81
	34.2	9.5	21.2		4.9	70.0	2.8	4.0		
	38.3	10.6	20.0		5.0	70.3	3.0	4.0		
NDX65-40-125A/2	22.3	6.2	19.8	2900	4.2	63.4	1.9	3.0	5067765001	1,725.75
	31.5	8.8	18.0		4.6	69.0	2.2	3.0		
	35.3	9.8	17.0		4.7	69.3	2.4	3.0		
NDX65-40-125B/2	20.4	5.7	16.5	2900	3.9	62.4	1.5	2.2	5067773001	1,599.72
	28.8	8.0	15.0		4.4	68.0	1.7	2.2		
	32.2	8.9	14.2		4.5	68.3	1.8	2.2		
NDX65-40-160/2	37.8	10.5	34.5	2900	3.8	66.0	5.4	7.5	5067788001	2,257.61
	43.1	12.0	32.8		4.3	67.3	5.7	7.5		
	45.3	12.6	32.0		4.4	67.6	5.8	7.5		
NDX65-40-160A/2	34.7	9.6	29.1	2900	3.6	65.0	4.2	5.5	5067800001	2,177.34
	39.6	11.0	27.7		4.1	66.3	4.5	5.5		
	41.6	11.6	27.0		4.2	66.6	4.6	5.5		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m³/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX65-40-160B/2	31.6	8.8	24.2	2900	3.4	64.0	3.3	5.5	5067812001	2,177.34
	36.1	10.0	23.0		3.8	65.3	3.5	5.5		
	37.9	10.5	22.4		3.9	65.6	3.5	5.5		
NDX65-40-200/2	42.4	11.8	51.4	2900	3.9	65.5	9.1	11.0	5067822001	3,141.48
	53.0	14.7	47.3		4.6	66.6	10.2	15.0		
	58.3	16.2	44.4		5.1	66.3	10.7	15.0		
NDX65-40-200A/2	40.4	11.2	46.6	2900	3.8	64.5	7.9	11.0	5067836001	2,987.62
	50.5	14.0	42.8		4.5	65.6	9.0	11.0		
	55.5	15.4	40.3		4.9	65.3	9.3	11.0		
NDX65-40-200B/2	38.1	10.6	41.6	2900	3.6	63.5	6.8	11.0	5067846001	2,987.62
	47.6	13.2	38.2		4.3	64.6	7.7	11.0		
	52.4	14.6	35.9		4.8	64.3	8.0	11.0		
NDX65-40-200C/2	36.1	10.0	37.3	2900	3.5	62.5	5.9	11.0	5067857001	2,987.62
	45.1	12.5	34.2		4.1	63.6	6.6	11.0		
	49.6	13.8	32.2		4.6	63.3	6.9	11.0		
NDX65-40-250/2	47.2	13.1	78.1	2900	3.1	61.0	16.5	22.0	5067868001	3,910.52
	59.0	16.4	71.5		4.2	62.8	18.3	22.0		
	64.9	18.0	66.0		5.0	62.1	18.8	22.0		
NDX65-40-250A/2	44.8	12.4	70.3	2900	3.0	60.0	14.3	18.5	5067879001	3,910.52
	56.0	15.6	64.4		4.1	61.8	15.9	22.0		
	61.6	17.1	59.4		4.8	61.1	16.3	22.0		
NDX65-40-250B/2	42.6	11.8	63.5	2900	2.9	59.0	12.5	15.0	5067893001	3,397.21
	53.2	14.8	58.1		3.9	60.8	13.9	18.5		
	58.5	16.3	53.6		4.7	60.1	14.2	18.5		
NDX65-40-250C/2	40.1	11.1	56.5	2900	2.8	58.0	10.6	15.0	5067903001	3,265.26
	50.2	13.9	51.7		3.8	59.8	11.8	15.0		
	55.2	15.3	47.7		4.5	59.1	12.1	15.0		
NDX65-40-315/2	33.5	9.3	127.0	2900	5.2	37.6	30.8	37.0	5070744001	7,058.69
	49.5	13.8	115.1		6.7	43.7	35.5	45.0		
	58.1	16.2	94.1		7.4	39.3	37.9	45.0		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX65-40-315A/2	31.8	8.8	114.9	2900	5.0	36.6	27.2	30.0	5070745001	5,901.25
	47.1	13.1	104.1		6.5	42.7	31.3	37.0		
	55.3	15.4	85.0		7.2	38.3	33.5	37.0		
NDX65-40-315B/2	30.1	8.4	102.6	2900	4.8	35.6	23.6	30.0	5070746001	5,901.25
	44.5	12.4	93.0		6.2	41.7	27.0	37.0		
	52.3	14.5	76.0		6.9	37.3	29.0	37.0		
NDX65-40-315C/2	28.4	7.9	91.7	2900	4.7	34.6	20.5	30.0	5070747001	5,623.22
	42.1	11.7	83.1		6.0	40.7	23.4	30.0		
	49.4	13.7	67.9		6.6	36.3	25.2	30.0		
NDX65-50-125/2	46.4	12.9	23.9	2900	2.7	66.4	4.6	5.5	5067914001	2,223.81
	58.0	16.1	21.5		3.1	68.4	5.0	7.5		
	63.8	17.7	20.1		3.3	67.2	5.2	7.5		
NDX65-50-125A/2	43.2	12.0	20.7	2900	2.6	65.4	3.7	5.5	5067925001	2,143.89
	53.9	15.0	18.6		3.0	67.4	4.1	5.5		
	59.3	16.5	17.4		3.1	66.2	4.3	5.5		
NDX65-50-125B/2	39.9	11.1	17.7	2900	3.0	64.4	3.0	4.0	5067936001	1,885.19
	49.9	13.9	15.9		3.3	66.4	3.3	4.0		
	54.9	15.2	14.9		3.4	65.2	3.4	4.0		
NDX65-50-160/2	29.3	8.2	39.8	2900	3.6	58.5	5.4	7.5	5067945001	2,918.47
	40.3	11.2	39.2		4.4	67.7	6.4	7.5		
	49.2	13.7	38.6		4.9	73.2	7.1	11.0		
NDX65-50-160A/2	27.0	7.5	33.6	2900	3.4	57.5	4.3	5.5	5067957001	2,285.13
	37.1	10.3	33.1		4.2	66.7	5.0	7.5		
	45.2	12.6	32.6		4.6	72.2	5.6	7.5		
NDX65-50-160B/2	24.6	6.8	27.9	2900	3.2	56.5	3.3	5.5	5067968001	2,204.84
	33.8	9.4	27.6		3.9	65.7	3.9	5.5		
	41.2	11.4	27.1		4.4	71.2	4.3	5.5		
NDX65-50-200/2	39.1	10.9	58.1	2900	2.9	64.2	9.6	15.0	5067983001	3,299.83
	59.3	16.5	54.6		3.5	71.4	12.3	15.0		
	67.6	18.8	52.8		4.0	73.4	13.3	18.5		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX65-50-200A/2	37.2	10.3	52.7	2900	2.8	63.2	8.5	11.0	5067993001	3,167.89
	56.4	15.7	49.5		3.4	70.4	10.8	15.0		
	64.4	17.9	47.9		3.9	72.4	11.6	15.0		
NDX65-50-200B/2	35.2	9.8	47.1	2900	2.7	62.2	7.3	11.0	5068006001	3,167.89
	53.3	14.8	44.2		3.3	69.4	9.3	11.0		
	60.8	16.9	42.8		3.7	71.4	9.9	15.0		
NDX65-50-200C/2	33.3	9.3	42.2	2900	2.6	61.2	6.3	11.0	5068016001	3,013.99
	50.5	14.0	39.7		3.1	68.4	8.0	11.0		
	57.6	16.0	38.3		3.6	70.4	8.6	11.0		
NDX65-50-250/2	64.0	17.8	85.9	2900	6.6	63.4	23.6	30.0	5068026001	4,895.49
	80.0	22.2	79.6		7.4	66.4	26.1	30.0		
	88.0	24.4	60.8		8.2	56.6	25.8	30.0		
NDX65-50-250A/2	60.8	16.9	77.5	2900	6.4	62.4	20.6	30.0	5068036001	4,895.49
	76.0	21.1	71.8		7.2	65.4	22.8	30.0		
	83.6	23.2	54.8		7.9	55.6	22.5	30.0		
NDX65-50-250B/2	57.6	16.0	69.6	2900	6.2	61.4	17.8	22.0	5068048001	4,283.29
	72.0	20.0	64.5		6.9	64.4	19.6	22.0		
	79.2	22.0	49.2		7.6	54.6	19.5	22.0		
NDX65-50-250C/2	54.4	15.1	62.1	2900	5.9	60.4	15.2	22.0	5068061001	4,283.29
	68.0	18.9	57.5		6.6	63.4	16.8	22.0		
	74.8	20.8	43.9		7.4	53.6	16.7	22.0		
NDX65-50-315/2	57.0	15.8	136.6	2900	6.3	56.4	37.6	45.0	5070748001	8,067.43
	73.4	20.4	130.2		7.0	60.8	42.8	55.0		
	79.2	22.0	127.8		7.2	62.1	44.4	55.0		
NDX65-50-315A/2	54.2	15.0	123.4	2900	6.1	55.4	32.9	37.0	5070749001	7,070.93
	69.7	19.4	117.7		6.8	59.8	37.4	45.0		
	75.3	20.9	115.5		7.0	61.1	38.8	45.0		
NDX65-50-315B/2	51.4	14.3	110.9	2900	5.9	54.4	28.5	37.0	5070750001	7,070.93
	66.1	18.4	105.8		6.5	58.8	32.4	45.0		
	71.3	19.8	103.8		6.7	60.1	33.6	45.0		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX65-50-315C/2	48.4	13.4	98.4	2900	5.6	53.4	24.3	37.0	5070751001	5,913.52
	62.3	17.3	93.8		6.3	57.8	27.5	37.0		
	67.2	18.7	92.1		6.5	59.1	28.5	37.0		
NDX80-65-125/2	56.8	15.8	24.7	2900	4.6	63.1	6.1	7.5	5068069001	2,888.74
	76.2	21.2	23.7		5.2	72.1	6.8	11.0		
	84.7	23.5	23.1		5.8	75.3	7.1	11.0		
NDX80-65-125A/2	53.2	14.8	21.7	2900	4.4	62.1	5.1	7.5	5068081001	2,337.52
	71.4	19.8	20.8		5.0	71.1	5.7	7.5		
	79.4	22.1	20.3		5.6	74.3	5.9	7.5		
NDX80-65-125B/2	50.1	13.9	19.2	2900	4.2	61.1	4.3	7.5	5068089001	2,337.52
	67.2	18.7	18.4		4.8	70.1	4.8	7.5		
	74.7	20.7	17.9		5.3	73.3	5.0	7.5		
NDX80-65-160/2	67.1	18.6	38.2	2900	4.1	68.7	10.2	15.0	5068101001	3,098.39
	88.5	24.6	36.9		5.2	75.9	11.7	15.0		
	97.8	27.2	36.2		5.8	77.9	12.4	15.0		
NDX80-65-160A/2	61.6	17.1	32.3	2900	3.9	67.7	8.0	11.0	5068118001	3,098.39
	81.3	22.6	31.2		4.9	74.9	9.2	15.0		
	89.9	25.0	30.5		5.5	76.9	9.7	15.0		
NDX80-65-160B/2	56.2	15.6	26.8	2900	3.6	66.7	6.2	11.0	5068128001	2,944.49
	74.2	20.6	25.9		4.6	73.9	7.1	11.0		
	82.0	22.8	25.4		5.2	75.9	7.5	11.0		
NDX80-65-200/2	81.6	22.7	59.6	2900	3.5	69.7	19.0	22.0	5068139001	4,773.18
	102.0	28.3	56.7		6.1	74.2	21.2	30.0		
	112.2	31.2	53.5		7.4	73.9	22.1	30.0		
NDX80-65-200A/2	77.5	21.5	53.8	2900	3.4	68.7	16.6	22.0	5068148001	4,161.02
	96.9	26.9	51.2		5.9	73.2	18.5	22.0		
	106.6	29.6	48.3		7.2	72.9	19.2	22.0		
NDX80-65-200B/2	73.4	20.4	48.3	2900	3.3	67.7	14.3	18.5	5068158001	4,161.02
	91.8	25.5	45.9		5.7	72.2	15.9	22.0		
	101.0	28.1	43.3		6.9	71.9	16.6	22.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX80-65-200C/2	69.4	19.3	43.1	2900	3.1	66.7	12.2	18.5	5068170001	3,730.60
	86.7	24.1	41.0		5.5	71.2	13.6	18.5		
	95.4	26.5	38.7		6.6	70.9	14.2	18.5		
NDX80-65-250/2	100.4	27.9	86.3	2900	3.3	71.8	32.9	37.0	5068177001	6,334.26
	125.5	34.9	81.1		4.5	74.8	37.1	45.0		
	138.1	38.3	75.9		5.1	73.1	39.1	45.0		
NDX80-65-250A/2	95.7	26.6	78.3	2900	3.2	70.8	28.8	37.0	5068186001	6,334.26
	119.6	33.2	73.7		4.4	73.8	32.6	37.0		
	131.6	36.5	68.9		4.9	72.1	34.3	45.0		
NDX80-65-250B/2	90.6	25.2	70.2	2900	3.1	69.8	24.8	30.0	5068194001	5,258.97
	113.2	31.4	66.0		4.2	72.8	28.0	37.0		
	124.5	34.6	61.8		4.8	71.1	29.5	37.0		
NDX80-65-250C/2	85.4	23.7	62.5	2900	3.0	68.8	21.1	30.0	5068201001	4,981.32
	106.8	29.7	58.7		4.0	71.8	23.8	30.0		
	117.5	32.6	55.0		4.6	70.1	25.1	30.0		
NDX80-65-315/2	76.8	21.3	138.9	2900	6.0	61.0	47.7	55.0	5070752001	11,625.20
	96.0	26.7	135.0		6.7	66.3	53.3	75.0		
	105.6	29.3	122.3		7.2	63.2	55.7	75.0		
NDX80-65-315A/2	73.0	20.3	125.3	2900	5.8	60.0	41.5	55.0	5070753001	10,112.09
	91.2	25.3	121.9		6.5	65.3	46.4	55.0		
	100.3	27.9	110.4		7.0	62.2	48.5	55.0		
NDX80-65-315B/2	69.1	19.2	112.5	2900	5.6	59.0	35.9	45.0	5070754001	8,103.48
	86.4	24.0	109.4		6.2	64.3	40.1	55.0		
	95.0	26.4	99.1		6.7	61.2	41.9	55.0		
NDX80-65-315C/2	65.3	18.1	100.3	2900	5.4	58.0	30.8	45.0	5070755001	7,107.01
	81.6	22.7	97.6		6.0	63.3	34.3	45.0		
	89.8	24.9	88.4		6.5	60.2	35.9	45.0		
NDX100-80-160/2	119.3	33.1	40.9	2900	6.2	68.1	19.5	30.0	5068205001	4,717.81
	144.4	40.1	38.1		6.6	72.5	20.7	30.0		
	176.6	49.1	34.3		7.3	74.8	22.1	30.0		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX100-80-160A/2	110.8	30.8	35.3	2900	5.9	67.1	15.9	22.0	5067365001	4,105.65
	134.1	37.3	32.9		6.3	71.5	16.8	22.0		
	164.1	45.6	29.6		7.0	73.8	17.9	22.0		
NDX100-80-160B/2	102.4	28.4	30.1	2900	5.6	66.1	12.7	18.5	5067377001	3,591.61
	123.8	34.4	28.1		6.0	70.5	13.4	18.5		
	151.5	42.1	25.2		6.6	72.8	14.3	18.5		
NDX100-80-200/2	169.2	47.0	56.2	2900	4.3	77.7	33.4	45.0	5067386001	6,219.42
	211.5	58.8	50.8		5.1	80.2	36.5	45.0		
	232.7	64.6	47.0		6.1	79.4	37.5	45.0		
NDX100-80-200A/2	160.8	44.7	50.7	2900	4.2	76.7	29.0	37.0	5067397001	5,103.63
	201.0	55.8	45.9		4.9	79.2	31.7	37.0		
	221.1	61.4	42.5		5.9	78.4	32.6	37.0		
NDX100-80-200B/2	152.4	42.3	45.6	2900	4.0	75.7	25.0	30.0	5067407001	5,103.63
	190.5	52.9	41.2		4.8	78.2	27.4	37.0		
	209.6	58.2	38.1		5.7	77.4	28.1	37.0		
NDX100-80-200C/2	144.0	40.0	40.7	2900	3.9	74.7	21.4	30.0	5067417001	4,825.60
	180.1	50.0	36.8		4.6	77.2	23.4	30.0		
	198.1	55.0	34.1		5.5	76.4	24.1	30.0		
NDX100-80-250/2	134.4	37.3	92.3	2900	5.7	73.2	46.2	55.0	5070756001	11,357.23
	168.0	46.7	87.9		6.7	77.8	51.7	75.0		
	184.8	51.3	83.0		7.5	77.4	54.0	75.0		
NDX100-80-250A/2	127.9	35.5	83.5	2900	5.5	72.2	40.3	55.0	5070757001	7,835.13
	159.9	44.4	79.5		6.5	76.8	45.1	55.0		
	175.8	48.8	75.1		7.3	76.4	47.1	55.0		
NDX100-80-250B/2	120.9	33.6	74.6	2900	5.3	71.2	34.5	45.0	5070758001	7,835.13
	151.1	42.0	71.0		6.2	75.8	38.6	45.0		
	166.2	46.2	67.1		7.0	75.4	40.3	55.0		
NDX100-80-250C/2	114.3	31.8	66.8	2900	5.1	70.2	29.6	45.0	5070759001	6,838.63
	142.9	39.7	63.6		6.0	74.8	33.1	45.0		
	157.2	43.7	60.1		6.7	74.4	34.6	45.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX100-80-315/2	112.0	31.1	139.6	2900	6.9	55.6	76.7	90.0	5070760001	20,575.77
	140.0	38.9	133.7		7.0	60.4	84.5	110.0		
	154.0	42.8	121.4		7.2	58.0	87.8	110.0		
NDX100-80-315A/2	106.6	29.6	126.4	2900	6.7	54.6	67.3	75.0	5070761001	12,886.33
	133.2	37.0	121.0		6.8	59.4	74.0	90.0		
	146.5	40.7	109.9		7.0	57.0	76.9	90.0		
NDX100-80-315B/2	100.8	28.0	113.0	2900	6.4	53.6	57.9	75.0	5070762001	11,728.15
	126.0	35.0	108.2		6.5	58.4	63.6	75.0		
	138.6	38.5	98.3		6.7	56.0	66.2	75.0		
NDX100-80-315C/2	95.3	26.5	101.1	2900	6.2	52.6	50.0	75.0	5070763001	11,728.15
	119.1	33.1	96.8		6.3	57.4	54.8	75.0		
	131.1	36.4	87.9		6.5	55.0	57.1	75.0		
NDX125-100-160/2	194.4	54.0	33.5	2900	2.0	68.1	26.0	30.0	5067427001	5,315.84
	243.0	67.5	28.9		3.8	71.2	26.9	37.0		
	267.3	74.3	26.5		4.7	70.6	27.3	37.0		
NDX125-100-160A/2	182.7	50.8	29.6	2900	1.9	67.1	21.9	30.0	5067435001	5,038.20
	228.4	63.4	25.5		3.6	70.2	22.7	30.0		
	251.2	69.8	23.4		4.5	69.6	23.0	30.0		
NDX125-100-160B/2	171.0	47.5	25.9	2900	1.8	66.1	18.3	22.0	5067447001	4,384.42
	213.8	59.4	22.4		3.5	69.2	18.8	22.0		
	235.2	65.3	20.5		4.3	68.6	19.2	22.0		
NDX125-100-200/2	246.4	68.4	56.0	2900	4.7	78.6	47.8	55.0	5067455001	10,815.66
	308.0	85.6	50.6		5.4	81.4	52.2	75.0		
	336.0	93.3	38.4		5.8	69.6	50.5	75.0		
NDX125-100-200A/2	234.2	65.1	50.6	2900	4.5	77.6	41.6	55.0	5067466001	7,351.55
	292.7	81.3	45.7		5.2	80.4	45.4	55.0		
	319.4	88.7	34.7		5.6	68.6	44.0	55.0		
NDX125-100-200B/2	222.0	61.7	45.5	2900	4.4	76.6	35.9	45.0	5067476001	6,285.59
	277.5	77.1	41.1		5.0	79.4	39.1	45.0		
	302.7	84.1	31.2		5.4	67.6	38.0	45.0		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX125-100-200C/2	209.8	58.3	40.6	2900	4.2	75.6	30.7	37.0	5067487001	5,374.96
	262.2	72.8	36.7		4.9	78.4	33.4	37.0		
	286.1	79.5	27.8		5.2	66.6	32.6	37.0		
NDX125-100-250/2	176.5	49.0	93.2	2900	5.2	69.2	64.8	75.0	5070764001	20,275.82
	251.0	69.7	89.9		5.5	79.2	77.7	90.0		
	300.6	83.5	85.5		5.7	82.0	85.3	110.0		
NDX125-100-250A/2	168.0	46.7	84.4	2900	5.0	68.2	56.7	75.0	5070765001	12,586.74
	238.8	66.3	81.4		5.3	78.2	67.8	75.0		
	286.1	79.5	77.4		5.5	81.0	74.5	90.0		
NDX125-100-250B/2	158.8	44.1	75.4	2900	4.8	67.2	48.6	75.0	5070766001	11,428.59
	225.8	62.7	72.8		5.1	77.2	58.0	75.0		
	270.5	75.1	69.2		5.3	80.0	63.7	75.0		
NDX125-100-250C/2	150.3	41.7	67.5	2900	4.7	66.2	41.8	55.0	5070767001	11,428.59
	213.6	59.3	65.2		4.9	76.2	49.8	75.0		
	255.9	71.1	61.9		5.1	79.0	54.6	75.0		
NDX125-100-315/2	208.8	58.0	125.3	2900	5.8	69.9	102.0	110.0	5070768001	22,370.27
	261.0	72.5	116.9		6.7	72.6	114.6	132.0		
	287.1	79.8	111.7		7.5	72.5	120.6	132.0		
NDX125-100-315A/2	198.2	55.1	112.9	2900	5.6	68.9	88.6	110.0	5070769001	22,370.27
	247.8	68.8	105.4		6.5	71.6	99.4	110.0		
	272.6	75.7	100.7		7.2	71.5	104.7	132.0		
NDX125-100-315B/2	187.7	52.1	101.2	2900	5.4	67.9	76.3	90.0	5070770001	21,518.73
	234.6	65.2	94.5		6.2	70.6	85.6	110.0		
	258.0	71.7	90.2		7.0	70.5	90.1	110.0		
NDX125-100-315C/2	177.7	49.4	90.8	2900	5.2	66.9	65.8	90.0	5070771001	13,514.10
	222.2	61.7	84.7		6.0	69.6	73.7	90.0		
	244.4	67.9	80.9		6.7	69.5	77.6	90.0		
NDX150-125-200/2	270.0	75.0	52.9	2900	5.7	62.0	62.7	75.0	5070772001	11,662.02
	360.0	100.0	47.9		6.1	71.1	66.1	75.0		
	414.0	115.0	43.1		6.4	72.9	66.7	75.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX150-125-200A/2	254.2	70.6	46.9	2900	5.5	61.0	53.2	75.0	5070773001	11,370.59
	338.9	94.1	42.5		5.9	70.1	55.9	75.0		
	389.8	108.3	38.2		6.1	71.9	56.5	75.0		
NDX150-125-200B/2	237.1	65.9	40.8	2900	5.0	60.0	43.9	55.0	5070774001	8,229.50
	316.2	87.8	37.0		5.4	69.1	46.1	55.0		
	363.7	101.0	33.3		5.6	70.9	46.5	55.0		
NDX150-125-250/2	335.4	93.2	85.5	2900	6.4	72.7	107.5	132.0	5070775001	22,624.49
	409.9	113.9	79.7		6.5	74.2	120.0	132.0		
	454.1	126.1	73.0		6.6	71.4	126.5	160.0		
NDX150-125-250A/2	319.3	88.7	81.3	2900	6.2	71.7	98.7	110.0	5070811001	21,972.57
	390.2	108.4	75.8		6.3	73.2	110.2	132.0		
	432.2	120.1	69.5		6.4	70.4	116.3	132.0		
NDX150-125-250B/2	301.9	83.9	72.7	2900	6.0	70.7	84.6	110.0	5070812001	20,928.13
	368.9	102.5	67.8		6.1	72.2	94.5	110.0		
	408.7	113.5	62.1		6.2	69.4	99.7	110.0		
NDX150-125-250C/2	285.8	79.4	65.2	2900	5.8	72.8	69.7	90.0	5070813001	13,238.31
	349.2	97.0	60.7		5.9	81.2	71.2	90.0		
	386.8	107.5	55.6		5.9	85.8	68.4	90.0		
NDX150-125-315/2	325.4	90.4	141.3	2900	7.5	69.0	181.5	220.0	5070814001	36,522.54
	474.6	131.8	130.8		7.9	76.0	222.7	250.0		
	507.8	141.1	127.8		8.5	77.2	229.2	250.0		
NDX150-125-315A/2	309.1	85.9	127.5	2900	7.2	68.0	157.8	185.0	5070815001	34,566.00
	450.8	125.2	118.0		7.6	75.0	193.3	220.0		
	482.2	134.0	115.3		8.2	76.2	198.9	220.0		
NDX150-125-315B/2	292.7	81.3	114.3	2900	6.9	67.0	136.0	160.0	5070816001	25,884.17
	426.9	118.6	105.8		7.4	74.0	166.4	200.0		
	456.7	126.9	103.4		7.9	75.2	171.2	200.0		
NDX150-125-315C/2	276.3	76.8	101.9	2900	6.7	66.0	116.2	132.0	5070817001	24,052.15
	403.0	111.9	94.3		7.1	73.0	141.9	160.0		
	431.2	119.8	92.1		7.6	74.2	146.0	160.0		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDX40-25-160/4	2.8	0.8	8.0	1450	2.0	34.6	0.2	0.55	5067495001	1,467.78
	3.5	1.0	6.9		2.2	35.1	0.2	0.55		
	4.2	1.2	4.7		2.3	28.1	0.2	0.55		
NDX40-25-160A/4	2.5	0.7	6.5	1450	1.8	33.6	0.1	0.55	5067506001	1,467.78
	3.1	0.9	5.5		2.0	34.1	0.1	0.55		
	3.8	1.0	3.8		2.1	27.1	0.1	0.55		
NDX40-25-160B/4	2.2	0.6	5.2	1450	1.6	32.6	0.1	0.55	5067520001	1,467.78
	2.8	0.8	4.4		1.7	33.1	0.1	0.55		
	3.4	0.9	3.0		1.9	26.1	0.1	0.55		
NDX40-25-200/4	3.0	0.8	13.3	1450	1.7	27.6	0.4	0.55	5067528001	1,559.22
	3.7	1.0	12.7		1.8	31.0	0.4	0.55		
	4.5	1.3	10.9		1.9	29.6	0.4	0.55		
NDX40-25-200A/4	2.8	0.8	12.1	1450	1.7	26.6	0.3	0.55	5067543001	1,559.22
	3.5	1.0	11.5		1.8	30.0	0.4	0.55		
	4.3	1.2	9.8		1.9	28.6	0.4	0.55		
NDX40-25-200B/4	2.7	0.7	10.8	1450	1.6	27.5	0.3	0.55	5067554001	1,559.22
	3.3	0.9	10.3		1.7	30.9	0.3	0.55		
	4.1	1.1	8.8		1.8	29.5	0.3	0.55		
NDX40-25-200C/4	2.5	0.7	9.6	1450	1.6	27.5	0.2	0.55	5077316001	
	3.1	0.9	9.1		1.6	30.9	0.3	0.55		
	3.8	1.1	7.8		1.7	29.5	0.3	0.55		
NDX40-32-125/4	6.2	1.7	5.6	1450	0.4	58.0	0.2	0.55	5067563001	1,425.03
	7.8	2.2	5.1		0.5	59.9	0.2	0.55		
	8.6	2.4	4.7		0.5	57.8	0.2	0.55		
NDX40-32-125A/4	5.6	1.6	4.6	1450	0.4	57.0	0.1	0.55	5067573001	1,425.03
	7.0	2.0	4.2		0.4	58.9	0.1	0.55		
	7.8	2.2	3.9		0.4	56.8	0.1	0.55		
NDX40-32-125B/4	5.0	1.4	3.6	1450	0.4	56.0	0.1	0.55	5067588001	1,425.03
	6.2	1.7	3.3		0.4	57.9	0.1	0.55		
	6.9	1.9	3.0		0.4	55.8	0.1	0.55		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDX40-32-160/4	4.8	1.3	7.2	1450	1.2	39.3	0.2	0.55	5067600001	1,488.99
	6.0	1.7	6.5		1.3	40.3	0.3	0.55		
	6.6	1.8	6.0		1.4	38.9	0.3	0.55		
NDX40-32-160A/4	4.4	1.2	6.2	1450	1.1	38.3	0.2	0.55	5067613001	1,488.99
	5.5	1.5	5.5		1.3	39.3	0.2	0.55		
	6.1	1.7	5.1		1.3	37.9	0.2	0.55		
NDX40-32-160B/4	4.0	1.1	5.1	1450	1.0	37.3	0.2	0.55	5067625001	1,488.99
	5.0	1.4	4.6		1.2	38.3	0.2	0.55		
	5.5	1.5	4.2		1.2	36.9	0.2	0.55		
NDX40-32-200/4	8.0	2.2	12.4	1450	1.5	33.0	0.8	1.1	5067635001	1,715.33
	10.0	2.8	11.3		1.8	35.0	0.9	1.1		
	11.0	3.1	10.4		2.0	34.9	0.9	1.1		
NDX40-32-200A/4	7.6	2.1	11.2	1450	1.4	32.0	0.7	1.1	5067646001	1,715.33
	9.5	2.6	10.2		1.7	34.0	0.8	1.1		
	10.5	2.9	9.4		1.9	33.9	0.8	1.1		
NDX40-32-200B/4	7.2	2.0	10.1	1450	1.4	31.0	0.6	0.75	5067658001	1,715.33
	9.0	2.5	9.2		1.7	33.0	0.7	1.1		
	9.9	2.8	8.5		1.8	32.9	0.7	1.1		
NDX40-32-200C/4	6.8	1.9	8.9	1450	1.3	30.0	0.6	0.75	5067670001	1,584.86
	8.5	2.4	8.1		1.6	32.0	0.6	0.75		
	9.3	2.6	7.5		1.7	31.9	0.6	0.75		
NDX40-32-250/4	6.0	1.7	19.9	1450	1.9	31.1	1.0	1.5	5067683001	1,852.86
	7.5	2.1	18.4		1.9	33.8	1.1	1.5		
	8.5	2.4	15.4		1.9	29.9	1.2	1.5		
NDX40-32-250A/4	5.7	1.6	18.0	1450	1.8	30.1	0.9	1.5	5067692001	1,852.86
	7.1	2.0	16.7		1.8	32.8	1.0	1.5		
	8.1	2.2	13.9		1.8	28.9	1.1	1.5		
NDX40-32-250B/4	5.4	1.5	16.1	1450	1.7	29.1	0.8	1.1	5067707001	1,852.86
	6.8	1.9	14.9		1.7	31.8	0.9	1.5		
	7.6	2.1	12.4		1.8	27.9	0.9	1.5		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX40-32-250C/4	5.1	1.4	14.4	1450	1.7	28.1	0.7	1.1	5067717001	1,835.01
	6.4	1.8	13.3		1.7	30.8	0.8	1.1		
	7.2	2.0	11.1		1.7	26.9	0.8	1.1		
NDX50-32-125/4	11.7	3.2	4.3	1450	0.4	53.9	0.3	0.55	5067731001	1,429.87
	13.2	3.7	4.0		0.4	54.6	0.3	0.55		
	14.8	4.1	3.6		0.5	54.4	0.3	0.55		
NDX50-32-125A/4	10.6	2.9	3.5	1450	0.4	52.9	0.2	0.55	5067738001	1,429.87
	12.0	3.3	3.3		0.4	53.6	0.2	0.55		
	13.5	3.7	3.0		0.4	53.4	0.2	0.55		
NDX50-32-125B/4	9.6	2.7	2.9	1450	0.4	51.9	0.1	0.55	5067749001	1,429.87
	10.8	3.0	2.7		0.4	52.6	0.1	0.55		
	12.2	3.4	2.4		0.4	52.4	0.2	0.55		
NDX50-32-160/4	15.6	4.3	8.1	1450	0.9	68.8	0.5	0.75	5067761001	1,509.78
	17.7	4.9	7.7		0.9	70.2	0.5	0.75		
	19.0	5.3	7.3		0.9	69.5	0.5	0.75		
NDX50-32-160A/4	14.4	4.0	6.8	1450	0.8	67.8	0.4	0.55	5067772001	1,491.20
	16.2	4.5	6.5		0.9	69.2	0.4	0.55		
	17.5	4.9	6.2		0.9	68.5	0.4	0.55		
NDX50-32-160B/4	13.2	3.7	5.8	1450	0.8	66.8	0.3	0.55	5067786001	1,491.20
	14.9	4.1	5.5		0.8	68.2	0.3	0.55		
	16.0	4.5	5.2		0.8	67.5	0.3	0.55		
NDX50-32-200/4	13.6	3.8	13.4	1450	1.0	60.0	0.8	1.1	5067802001	1,735.39
	16.3	4.5	12.8		1.2	63.0	0.9	1.5		
	17.8	5.0	12.0		1.4	62.1	0.9	1.5		
NDX50-32-200A/4	13.0	3.6	12.1	1450	0.9	59.0	0.7	1.1	5067815001	1,717.58
	15.5	4.3	11.6		1.2	62.0	0.8	1.1		
	17.0	4.7	10.9		1.4	61.1	0.8	1.1		
NDX50-32-200B/4	12.3	3.4	10.8	1450	0.9	58.0	0.6	1.1	5067827001	1,717.58
	14.7	4.1	10.3		1.1	61.0	0.7	1.1		
	16.0	4.5	9.7		1.3	60.1	0.7	1.1		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX50-32-200C/4	11.6	3.2	9.7	1450	0.9	57.0	0.5	0.75	5067839001	1,586.72
	13.9	3.9	9.2		1.1	60.0	0.6	0.75		
	15.2	4.2	8.7		1.3	59.1	0.6	0.75		
NDX50-32-250/4	11.6	3.2	19.3	1450	1.8	36.9	1.7	2.2	5067853001	2,058.02
	14.5	4.0	17.5		1.8	39.1	1.8	3.0		
	16.0	4.4	14.5		1.9	34.2	1.8	3.0		
NDX50-32-250A/4	11.0	3.1	17.3	1450	1.7	35.9	1.4	2.2	5067863001	2,009.35
	13.8	3.8	15.7		1.8	38.1	1.5	2.2		
	15.1	4.2	13.1		1.8	33.2	1.6	2.2		
NDX50-32-250B/4	10.5	2.9	15.7	1450	1.7	34.9	1.3	2.2	5067874001	2,009.35
	13.1	3.6	14.2		1.7	37.1	1.4	2.2		
	14.4	4.0	11.8		1.7	32.2	1.4	2.2		
NDX50-32-250C/4	9.9	2.7	13.9	1450	1.6	33.9	1.1	2.2	5067884001	2,009.35
	12.3	3.4	12.6		1.6	36.1	1.2	2.2		
	13.6	3.8	10.5		1.7	31.2	1.2	2.2		
NDX65-40-125/4	12.1	3.4	5.8	1450	1.1	64.3	0.3	0.55	5067898001	1,441.41
	17.1	4.8	5.3		1.2	69.9	0.4	0.55		
	19.2	5.3	5.0		1.3	70.2	0.4	0.55		
NDX65-40-125A/4	11.2	3.1	4.9	1450	1.0	63.3	0.2	0.55	5067911001	1,441.41
	15.8	4.4	4.5		1.2	68.9	0.3	0.55		
	17.6	4.9	4.2		1.2	69.2	0.3	0.55		
NDX65-40-125B/4	10.2	2.8	4.1	1450	1.0	62.3	0.2	0.55	5067922001	1,441.41
	14.4	4.0	3.8		1.1	67.9	0.2	0.55		
	16.1	4.5	3.5		1.1	68.2	0.2	0.55		
NDX65-40-160/4	18.9	5.3	8.6	1450	1.0	65.8	0.7	1.1	5067932001	1,649.55
	21.6	6.0	8.2		1.1	67.1	0.7	1.1		
	22.7	6.3	8.0		1.1	67.4	0.7	1.1		
NDX65-40-160A/4	17.4	4.8	7.3	1450	0.9	64.8	0.5	0.75	5067943001	1,519.46
	19.8	5.5	6.9		1.0	66.1	0.6	0.75		
	20.8	5.8	6.7		1.0	66.4	0.6	0.75		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDX65-40-160B/4	15.8	4.4	6.0	1450	0.8	63.8	0.4	0.55	5067952001	1,500.88
	18.1	5.0	5.7		1.0	65.1	0.4	0.55		
	19.0	5.3	5.6		1.0	65.4	0.4	0.55		
NDX65-40-200/4	21.2	5.9	12.9	1450	1.0	65.3	1.1	1.5	5067964001	1,860.68
	26.5	7.4	11.8		1.2	66.4	1.3	2.2		
	29.2	8.1	11.1		1.3	66.1	1.3	2.2		
NDX65-40-200A/4	20.2	5.6	11.7	1450	0.9	64.3	1.0	1.5	5067977001	1,763.65
	25.2	7.0	10.7		1.1	65.4	1.1	1.5		
	27.7	7.7	10.1		1.2	65.1	1.2	1.5		
NDX65-40-200B/4	19.1	5.3	10.4	1450	0.9	63.3	0.9	1.5	5067987001	1,763.65
	23.8	6.6	9.5		1.1	64.4	1.0	1.5		
	26.2	7.3	9.0		1.2	64.1	1.0	1.5		
NDX65-40-200C/4	18.0	5.0	9.3	1450	0.9	62.3	0.7	1.5	5068000001	1,763.65
	22.6	6.3	8.6		1.0	63.4	0.8	1.5		
	24.8	6.9	8.0		1.1	63.1	0.9	1.5		
NDX65-40-250/4	23.6	6.6	19.5	1450	0.8	60.9	2.1	3.0	5068011001	2,074.01
	29.5	8.2	17.9		1.1	62.7	2.3	3.0		
	32.5	9.0	16.5		1.3	62.0	2.4	3.0		
NDX65-40-250A/4	22.4	6.2	17.6	1450	0.7	59.9	1.8	2.2	5068017001	2,074.01
	28.0	7.8	16.1		1.0	61.7	2.0	3.0		
	30.8	8.6	14.9		1.2	61.0	2.0	3.0		
NDX65-40-250B/4	21.3	5.9	15.9	1450	0.7	58.9	1.6	2.2	5068027001	2,025.69
	26.6	7.4	14.5		1.0	60.7	1.7	2.2		
	29.3	8.1	13.4		1.2	60.0	1.8	2.2		
NDX65-40-250C/4	20.1	5.6	14.1	1450	0.7	57.9	1.3	2.2	5068034001	2,025.69
	25.1	7.0	12.9		0.9	59.7	1.5	2.2		
	27.6	7.7	11.9		1.1	59.0	1.5	2.2		
NDX65-40-315/4	16.7	4.7	31.8	1450	1.3	37.5	3.9	5.5	5070818001	3,649.95
	24.8	6.9	28.8		1.7	43.6	4.5	5.5		
	29.1	8.1	23.5		1.9	39.2	4.8	7.5		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDX65-40-315A/4	15.9	4.4	28.7	1450	1.3	36.5	3.4	5.5	5070819001	3,534.73
	23.6	6.5	26.0		1.6	42.6	3.9	5.5		
	27.6	7.7	21.3		1.8	38.2	4.2	5.5		
NDX65-40-315B/4	15.0	4.2	25.7	1450	1.2	35.5	3.0	4.0	5070820001	3,534.73
	22.3	6.2	23.2		1.6	41.6	3.4	5.5		
	26.1	7.3	19.0		1.7	37.2	3.6	5.5		
NDX65-40-315C/4	14.2	4.0	22.9	1450	1.2	34.5	2.6	4.0	5070821001	3,310.60
	21.0	5.8	20.8		1.5	40.6	2.9	4.0		
	24.7	6.9	17.0		1.7	36.2	3.2	4.0		
NDX65-50-125/4	23.2	6.4	6.0	1450	0.7	66.3	0.6	1.1	5068044001	1,616.10
	29.0	8.1	5.4		0.8	68.2	0.6	1.1		
	31.9	8.9	5.0		0.8	67.0	0.7	1.1		
NDX65-50-125A/4	21.6	6.0	5.2	1450	0.6	65.3	0.5	0.75	5068053001	1,485.27
	27.0	7.5	4.7		0.7	67.2	0.5	0.75		
	29.7	8.2	4.3		0.8	66.0	0.5	0.75		
NDX65-50-125B/4	20.0	5.5	4.4	1450	0.6	64.3	0.4	0.55	5068064001	1,467.04
	24.9	6.9	4.0		0.7	66.2	0.4	0.55		
	27.4	7.6	3.7		0.7	65.0	0.4	0.55		
NDX65-50-160/4	14.7	4.1	9.9	1450	0.9	58.3	0.7	1.1	5068072001	1,677.04
	20.2	5.6	9.8		1.1	67.5	0.8	1.1		
	24.6	6.8	9.6		1.2	73.0	0.9	1.1		
NDX65-50-160A/4	13.5	3.7	8.4	1450	0.9	57.3	0.5	0.75	5068083001	1,677.04
	18.5	5.1	8.3		1.0	66.5	0.6	1.1		
	22.6	6.3	8.1		1.2	72.0	0.7	1.1		
NDX65-50-160B/4	12.3	3.4	7.0	1450	0.8	56.3	0.4	0.75	5068093001	1,546.95
	16.9	4.7	6.9		1.0	65.5	0.5	0.75		
	20.6	5.7	6.8		1.1	71.0	0.5	0.75		
NDX65-50-200/4	19.5	5.4	14.5	1450	0.7	64.0	1.2	1.5	5068105001	1,887.04
	29.6	8.2	13.6		0.9	71.2	1.5	2.2		
	33.8	9.4	13.2		1.0	73.2	1.7	2.2		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX65-50-200A/4	18.6	5.2	13.2	1450	0.7	63.0	1.1	1.5	5068119001	1,887.04
	28.2	7.8	12.4		0.8	70.2	1.4	2.2		
	32.2	8.9	12.0		1.0	72.2	1.5	2.2		
NDX65-50-200B/4	17.6	4.9	11.8	1450	0.7	62.0	0.9	1.5	5068130001	1,790.06
	26.7	7.4	11.1		0.8	69.2	1.2	1.5		
	30.4	8.5	10.7		0.9	71.2	1.2	1.5		
NDX65-50-200C/4	16.7	4.6	10.6	1450	0.7	61.0	0.8	1.5	5068137001	1,790.06
	25.3	7.0	9.9		0.8	68.2	1.0	1.5		
	28.8	8.0	9.6		0.9	70.2	1.1	1.5		
NDX65-50-250/4	24.0	6.7	22.1	1450	1.3	56.1	2.6	4.0	5068150001	2,540.47
	32.0	8.9	21.5		1.7	63.2	3.0	4.0		
	40.0	11.1	19.9		1.9	66.2	3.3	4.0		
NDX65-50-250A/4	22.8	6.3	19.9	1450	1.2	55.1	2.2	3.0	5068160001	2,540.47
	30.4	8.4	19.4		1.6	62.2	2.6	4.0		
	38.0	10.6	18.0		1.8	65.2	2.9	4.0		
NDX65-50-250B/4	21.6	6.0	17.9	1450	1.2	54.1	1.9	3.0	5068169001	2,419.29
	28.8	8.0	17.4		1.5	61.2	2.2	3.0		
	36.0	10.0	16.1		1.7	64.2	2.5	3.0		
NDX65-50-250C/4	20.4	5.7	16.0	1450	1.1	53.1	1.7	3.0	5068180001	2,419.29
	27.2	7.6	15.5		1.5	60.2	1.9	3.0		
	34.0	9.4	14.4		1.7	63.2	2.1	3.0		
NDX65-50-315/4	28.5	7.9	34.1	1450	1.6	56.2	4.7	5.5	5070822001	3,662.23
	36.7	10.2	32.6		1.8	60.7	5.4	7.5		
	39.6	11.0	31.9		1.8	61.9	5.6	7.5		
NDX65-50-315A/4	27.1	7.5	30.9	1450	1.5	55.2	4.1	5.5	5070823001	3,662.23
	34.9	9.7	29.4		1.7	59.7	4.7	5.5		
	37.6	10.5	28.9		1.7	60.9	4.9	7.5		
NDX65-50-315B/4	25.7	7.1	27.7	1450	1.5	54.2	3.6	5.5	5070824001	3,547
	33.1	9.2	26.4		1.6	58.7	4.1	5.5		
	35.7	9.9	25.9		1.7	59.9	4.2	5.5		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX65-50-315C/4	24.2	6.7	24.6	1450	1.4	53.2	3.0	5.5	5070825001	3,547
	31.1	8.6	23.4		1.6	57.7	3.5	5.5		
	33.6	9.3	23.0		1.6	58.9	3.6	5.5		
NDX80-65-125/4	28.4	7.9	6.2	1450	1.2	62.9	0.8	1.1	5068187001	1,729.46
	38.1	10.6	5.9		1.3	71.9	0.9	1.1		
	42.4	11.8	5.8		1.5	75.1	0.9	1.1		
NDX80-65-125A/4	26.6	7.4	5.4	1450	1.1	61.9	0.6	1.1	5068193001	1,729.46
	35.7	9.9	5.2		1.2	70.9	0.7	1.1		
	39.7	11.0	5.1		1.4	74.1	0.7	1.1		
NDX80-65-125B/4	25.0	7.0	4.8	1450	1.1	60.9	0.5	0.75	5067370001	1,680.76
	33.6	9.3	4.6		1.2	69.9	0.6	0.75		
	37.3	10.4	4.5		1.3	73.1	0.6	0.75		
NDX80-65-160/4	33.5	9.3	9.6	1450	1.0	68.5	1.3	2.2	5067375001	1,900.05
	44.2	12.3	9.2		1.3	75.7	1.5	2.2		
	48.9	13.6	9.0		1.5	77.7	1.5	2.2		
NDX80-65-160A/4	30.8	8.6	8.1	1450	1.0	67.5	1.0	1.5	5067383001	1,803.06
	40.7	11.3	7.8		1.2	74.7	1.2	1.5		
	44.9	12.5	7.6		1.4	76.7	1.2	1.5		
NDX80-65-160B/4	28.1	7.8	6.7	1450	0.9	66.5	0.8	1.5	5067394001	1,803.06
	37.1	10.3	6.5		1.2	73.7	0.9	1.5		
	41.0	11.4	6.3		1.3	75.7	0.9	1.5		
NDX80-65-200/4	40.8	11.3	14.9	1450	0.9	69.5	2.4	3.0	5067403001	2,499.97
	51.0	14.2	14.2		1.5	74.0	2.7	4.0		
	56.1	15.6	13.4		1.9	73.7	2.8	4.0		
NDX80-65-200A/4	38.8	10.8	13.4	1450	0.8	68.5	2.1	3.0	5067413001	2,378.79
	48.5	13.5	12.8		1.5	73.0	2.3	3.0		
	53.3	14.8	12.1		1.8	72.7	2.4	3.0		
NDX80-65-200B/4	36.7	10.2	12.1	1450	0.8	67.5	1.8	2.2	5067424001	2,378.79
	45.9	12.8	11.5		1.4	72.0	2.0	3.0		
	50.5	14.0	10.8		1.7	71.7	2.1	3.0		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX80-65-200C/4	34.7	9.6	10.8	1450	0.8	66.5	1.5	2.2	5067433001	2,330.47
	43.4	12.0	10.2		1.4	71.0	1.7	2.2		
	47.7	13.2	9.7		1.7	70.7	1.8	2.2		
NDX80-65-250/4	50.2	13.9	21.6	1450	0.8	71.6	4.1	5.5	5067443001	3,058.97
	62.8	17.4	20.3		1.1	74.5	4.7	7.5		
	69.0	19.2	19.0		1.3	72.9	4.9	7.5		
NDX80-65-250A/4	47.8	13.3	19.6	1450	0.8	70.6	3.6	5.5	5067453001	2,944.49
	59.8	16.6	18.4		1.1	73.5	4.1	5.5		
	65.8	18.3	17.2		1.2	71.9	4.3	5.5		
NDX80-65-250B/4	45.3	12.6	17.5	1450	0.8	69.6	3.1	4.0	5067463001	2,944.49
	56.6	15.7	16.5		1.1	72.5	3.5	5.5		
	62.3	17.3	15.4		1.2	70.9	3.7	5.5		
NDX80-65-250C/4	42.7	11.9	15.6	1450	0.7	68.6	2.6	4.0	5067470001	2,666.85
	53.4	14.8	14.7		1.0	71.5	3.0	4.0		
	58.7	16.3	13.7		1.1	69.9	3.1	4.0		
NDX80-65-315/4	38.4	10.7	34.7	1450	1.5	60.8	6.0	7.5	5070826001	4,423.45
	48.0	13.3	33.8		1.7	66.1	6.7	11.0		
	52.8	14.7	30.6		1.8	63.0	7.0	11.0		
NDX80-65-315A/4	36.5	10.1	31.3	1450	1.4	59.8	5.2	7.5	5070827001	3,903.44
	45.6	12.7	30.5		1.6	65.1	5.8	7.5		
	50.2	13.9	27.6		1.7	62.0	6.1	7.5		
NDX80-65-315B/4	34.6	9.6	28.1	1450	1.4	58.8	4.5	5.5	5070828001	3,903.44
	43.2	12.0	27.3		1.6	64.1	5.0	7.5		
	47.5	13.2	24.8		1.7	61.0	5.3	7.5		
NDX80-65-315C/4	32.6	9.1	25.1	1450	1.3	57.8	3.9	5.5	5070829001	3,788.21
	40.8	11.3	24.4		1.5	63.1	4.3	5.5		
	44.9	12.5	22.1		1.6	60.0	4.5	5.5		
NDX100-80-160/4	59.7	16.6	10.2	1450	1.6	67.9	2.4	3.0	5067479001	3,564.08
	72.2	20.1	9.5		1.7	72.3	2.6	4.0		
	88.3	24.5	8.6		1.8	74.6	2.8	4.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX100-80-160A/4	55.4	15.4	8.8	1450	1.5	66.9	2.0	3.0	5067488001	2,323.42
	67.1	18.6	8.2		1.6	71.3	2.1	3.0		
	82.0	22.8	7.4		1.7	73.6	2.2	3.0		
NDX100-80-160B/4	51.2	14.2	7.5	1450	1.4	65.9	1.6	2.2	5067500001	2,275.10
	61.9	17.2	7.0		1.5	70.3	1.7	2.2		
	75.8	21.0	6.3		1.6	72.6	1.8	2.2		
NDX100-80-200/4	84.6	23.5	14.0	1450	1.1	77.4	4.2	5.5	5067512001	2,829.65
	105.8	29.4	12.7		1.3	80.0	4.6	5.5		
	116.3	32.3	11.8		1.5	79.2	4.7	5.5		
NDX100-80-200A/4	80.4	22.3	12.7	1450	1.0	76.4	3.6	5.5	5067523001	2,829.65
	100.5	27.9	11.5		1.2	79.0	4.0	5.5		
	110.6	30.7	10.6		1.5	78.2	4.1	5.5		
NDX100-80-200B/4	76.2	21.2	11.4	1450	1.0	75.4	3.1	4.0	5067536001	2,829.65
	95.3	26.5	10.3		1.2	78.0	3.4	5.5		
	104.8	29.1	9.5		1.4	77.2	3.5	5.5		
NDX100-80-200C/4	72.0	20.0	10.2	1450	1.0	74.4	2.7	4.0	5067547001	2,552.36
	90.0	25.0	9.2		1.1	77.0	2.9	4.0		
	99.0	27.5	8.5		1.4	76.2	3.0	4.0		
NDX100-80-250/4	67.2	18.7	23.1	1450	1.4	73.0	5.8	7.5	5070830001	4,155.06
	84.0	23.3	22.0		1.7	77.5	6.5	11.0		
	92.4	25.7	20.8		1.9	77.2	6.8	11.0		
NDX100-80-250A/4	63.9	17.8	20.9	1450	1.4	72.0	5.1	7.5	5070831001	3,635.47
	79.9	22.2	19.9		1.6	76.5	5.7	7.5		
	87.9	24.4	18.8		1.8	76.2	5.9	7.5		
NDX100-80-250B/4	60.4	16.8	18.7	1450	1.3	71.0	4.3	5.5	5070832001	3,635.47
	75.5	21.0	17.8		1.6	75.5	4.8	7.5		
	83.1	23.1	16.8		1.7	75.2	5.1	7.5		
NDX100-80-250C/4	57.2	15.9	16.7	1450	1.3	70.0	3.7	5.5	5070833001	3,520.60
	71.5	19.9	15.9		1.5	74.5	4.2	5.5		
	78.6	21.8	15.0		1.7	74.2	4.3	5.5		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX100-80-315/4	56.0	15.6	34.9	1450	1.7	55.4	9.6	15.0	5070834001	4,750.14
	70.0	19.4	33.4		1.8	60.2	10.6	15.0		
	77.0	21.4	30.4		1.8	57.9	11.0	15.0		
NDX100-80-315A/4	53.3	14.8	31.6	1450	1.7	54.4	8.4	11.0	5070835001	4,750.14
	66.6	18.5	30.3		1.7	59.2	9.3	11.0		
	73.3	20.3	27.5		1.7	56.9	9.6	15.0		
NDX100-80-315B/4	50.4	14.0	28.3	1450	1.6	53.4	7.3	11.0	5070836001	4,526.01
	63.0	17.5	27.1		1.6	58.2	8.0	11.0		
	69.3	19.2	24.6		1.7	55.9	8.3	11.0		
NDX100-80-315C/4	47.7	13.2	25.3	1450	1.5	52.4	6.3	11.0	5070837001	4,526.01
	59.6	16.5	24.2		1.6	57.2	6.9	11.0		
	65.5	18.2	22.0		1.6	54.9	7.2	11.0		
NDX100-80-400/4	105.6	29.3	52.1	1450	3.3	70.9	21.1	30.0	5070838001	6,724.53
	132.0	36.7	48.0		3.5	72.9	23.7	30.0		
	145.2	40.3	45.8		3.8	72.6	25.0	30.0		
NDX100-80-400A/4	100.6	28.0	47.3	1450	3.2	69.9	18.6	22.0	5070839001	6,724.53
	125.8	34.9	43.6		3.4	71.9	20.8	30.0		
	138.4	38.4	41.6		3.7	71.6	21.9	30.0		
NDX100-80-400B/4	95.4	26.5	42.5	1450	3.1	68.9	16.0	22.0	5070840001	6,724.53
	119.3	33.1	39.2		3.3	70.9	18.0	22.0		
	131.2	36.4	37.4		3.6	70.6	18.9	30.0		
NDX100-80-400C/4	90.2	25.0	38.0	1450	3.0	67.9	13.7	18.5	5070841001	6,108.65
	112.7	31.3	35.0		3.2	69.9	15.4	18.5		
	124.0	34.4	33.4		3.4	69.6	16.2	22.0		
NDX125-100-160/4	97.2	27.0	8.4	1450	0.5	68.0	3.3	4.0	5067560001	3,000.98
	121.5	33.8	7.2		1.0	71.0	3.4	5.5		
	133.7	37.1	6.6		1.2	70.4	3.4	5.5		
NDX125-100-160A/4	91.4	25.4	7.4	1450	0.5	67.0	2.8	4.0	5067572001	2,724.07
	114.2	31.7	6.4		0.9	70.0	2.8	4.0		
	125.6	34.9	5.9		1.1	69.4	2.9	4.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX125-100-160B/4	85.5	23.8	6.5	1450	0.5	66.0	2.3	3.0	5067586001	2,561.30
	106.9	29.7	5.6		0.9	69.0	2.4	3.0		
	117.6	32.7	5.1		1.1	68.4	2.4	3.0		
NDX125-100-200/4	123.2	34.2	14.0	1450	1.2	78.4	6.0	7.5	5067598001	3,764.79
	154.0	42.8	12.7		1.4	81.2	6.5	11.0		
	168.0	46.7	9.6		1.5	69.4	6.3	11.0		
NDX125-100-200A/4	117.1	32.5	12.6	1450	1.1	77.4	5.2	7.5	5067614001	3,216.20
	146.4	40.7	11.4		1.3	80.2	5.7	7.5		
	159.7	44.4	8.7		1.4	68.4	5.5	7.5		
NDX125-100-200B/4	111.0	30.8	11.4	1450	1.1	76.4	4.5	5.5	5067631001	3,216.20
	138.7	38.5	10.3		1.3	79.2	4.9	7.5		
	151.4	42.0	7.8		1.4	67.4	4.8	7.5		
NDX125-100-200C/4	104.9	29.1	10.1	1450	1.1	75.4	3.8	5.5	5067642001	3,100.98
	131.1	36.4	9.2		1.2	78.2	4.2	5.5		
	143.0	39.7	7.0		1.3	66.4	4.1	5.5		
NDX125-100-250/4	88.3	24.5	23.3	1450	1.3	69.0	8.1	11.0	5070842001	4,697.37
	125.5	34.9	22.5		1.4	79.0	9.7	15.0		
	150.3	41.8	21.4		1.4	81.8	10.7	15.0		
NDX125-100-250A/4	84.0	23.3	21.1	1450	1.3	68.0	7.1	11.0	5070843001	4,697.37
	119.4	33.2	20.4		1.3	78.0	8.5	11.0		
	143.1	39.7	19.3		1.4	80.8	9.3	15.0		
NDX125-100-250B/4	79.4	22.1	18.9	1450	1.2	67.0	6.1	11.0	5070844001	4,472.85
	112.9	31.4	18.2		1.3	77.0	7.3	11.0		
	135.2	37.6	17.3		1.3	79.8	8.0	11.0		
NDX125-100-250C/4	75.1	20.9	16.9	1450	1.2	66.0	5.2	11.0	5070845001	4,472.85
	106.8	29.7	16.3		1.2	76.0	6.2	11.0		
	128.0	35.5	15.5		1.3	78.8	6.8	11.0		
NDX125-100-315/4	104.4	29.0	31.3	1450	1.5	69.7	12.8	15.0	5070776001	5,949.56
	130.5	36.3	29.2		1.7	72.4	14.4	18.5		
	143.6	39.9	27.9		1.9	72.3	15.1	18.5		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX125-100-315A/4	99.1	27.5	28.2	1450	1.4	68.7	11.1	15.0	5070777001	5,949.56
	123.9	34.4	26.4		1.6	71.4	12.5	15.0		
	136.3	37.9	25.2		1.8	71.3	13.1	18.5		
NDX125-100-315B/4	93.8	26.1	25.3	1450	1.4	67.7	9.6	15.0	5070778001	5,508.38
	117.3	32.6	23.6		1.6	70.4	10.7	15.0		
	129.0	35.8	22.6		1.7	70.3	11.3	15.0		
NDX125-100-315C/4	88.9	24.7	22.7	1450	1.3	66.7	8.2	11.0	5070779001	5,508.38
	111.1	30.9	21.2		1.5	69.4	9.2	11.0		
	122.2	33.9	20.2		1.7	69.3	9.7	15.0		
NDX125-100-400/4	152.8	42.4	52.1	1450	3.2	71.5	30.3	37.0	5070780001	8,187.85
	191.0	53.1	49.2		3.4	75.9	33.7	45.0		
	210.1	58.4	47.0		3.8	75.4	35.7	45.0		
NDX125-100-400A/4	146.1	40.6	47.6	1450	3.1	70.5	26.9	30.0	5070781001	7,776.05
	182.6	50.7	45.0		3.3	74.9	29.9	37.0		
	200.8	55.8	43.0		3.7	74.4	31.6	37.0		
NDX125-100-400B/4	136.7	38.0	41.7	1450	3.0	69.5	22.4	30.0	5070782001	7,087.66
	170.9	47.5	39.4		3.2	73.9	24.8	30.0		
	188.0	52.2	37.6		3.5	73.4	26.3	30.0		
NDX125-100-400C/4	129.2	35.9	37.3	1450	2.9	68.5	19.2	30.0	5070783001	7,087.66
	161.5	44.9	35.2		3.0	72.9	21.2	30.0		
	177.7	49.3	33.6		3.4	72.4	22.5	30.0		
NDX150-125-200/4	135.0	37.5	13.2	1450	1.4	62.0	7.8	11.0	5070784001	4,414.50
	180.0	50.0	12.0		1.5	71.1	8.3	11.0		
	207.0	57.5	10.8		1.6	72.9	8.3	11.0		
NDX150-125-200A/4	127.1	35.3	11.7	1450	1.4	61.0	6.7	11.0	5070785001	4,414.50
	169.5	47.1	10.6		1.5	70.1	7.0	11.0		
	194.9	54.1	9.6		1.5	71.9	7.1	11.0		
NDX150-125-200B/4	118.6	32.9	10.2	1450	1.3	60.0	5.5	7.5	5070786001	3,948.42
	158.1	43.9	9.2		1.4	69.1	5.8	7.5		
	181.8	50.5	8.3		1.5	70.9	5.8	7.5		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX150-125-250/4	167.7	46.6	21.4	1450	1.6	72.7	13.4	18.5	5070787001	5,854.43
	205.0	56.9	19.9		1.6	74.2	15.0	18.5		
	227.1	63.1	18.2		1.7	71.4	15.8	22.0		
NDX150-125-250A/4	159.6	44.3	19.4	1450	1.6	71.7	11.7	15.0	5070788001	5,715.40
	195.1	54.2	18.0		1.6	73.2	13.1	18.5		
	216.1	60.0	16.5		1.6	70.4	13.8	18.5		
NDX150-125-250B/4	151.0	41.9	17.3	1450	1.5	70.7	10.1	15.0	5070789001	5,274.22
	184.5	51.2	16.1		1.5	72.2	11.2	15.0		
	204.3	56.8	14.8		1.5	69.4	11.9	15.0		
NDX150-125-250C/4	142.9	39.7	15.5	1450	1.4	69.7	8.7	11.0	5070790001	5,274.22
	174.6	48.5	14.5		1.5	71.2	9.7	15.0		
	193.4	53.7	13.2		1.5	68.4	10.2	15.0		
NDX150-125-315/4	162.7	45.2	35.3	1450	1.9	68.8	22.8	30.0	5070791001	8,685.17
	237.3	65.9	32.7		2.0	75.7	27.9	37.0		
	253.9	70.5	31.9		2.1	76.9	28.7	37.0		
NDX150-125-315A/4	154.5	42.9	31.9	1450	1.8	67.8	19.8	30.0	5070792001	7,972.65
	225.4	62.6	29.5		1.9	74.7	24.2	30.0		
	241.1	67.0	28.8		2.1	75.9	24.9	30.0		
NDX150-125-315B/4	146.4	40.7	28.6	1450	1.7	66.8	17.1	22.0	5070793001	7,972.65
	213.4	59.3	26.5		1.8	73.7	20.9	30.0		
	228.4	63.4	25.8		2.0	74.9	21.5	30.0		
NDX150-125-315C/4	138.2	38.4	25.5	1450	1.7	65.8	14.6	18.5	5070794001	7,356.39
	201.5	56.0	23.6		1.8	72.7	17.8	22.0		
	215.6	59.9	23.0		1.9	73.9	18.3	22.0		
NDX150-125-400/4	216.0	60.0	57.6	1450	3.1	77.4	43.8	55.0	5070795001	13,212.30
	270.0	75.0	54.1		3.3	81.3	49.0	75.0		
	297.0	82.5	51.0		3.6	80.5	51.3	75.0		
NDX150-125-400A/4	206.1	57.2	52.4	1450	3.0	76.4	38.6	45.0	5070796001	9,359.78
	257.6	71.6	49.2		3.2	80.3	43.1	55.0		
	283.4	78.7	46.5		3.5	79.5	45.1	55.0		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX150-125-400B/4	195.7	54.3	47.3	1450	2.9	75.4	33.4	37.0	5070797001	8,289.71
	244.6	67.9	44.4		3.1	79.3	37.3	45.0		
	269.0	74.7	41.9		3.4	78.5	39.1	45.0		
NDX150-125-400C/4	182.6	50.7	41.2	1450	2.8	74.4	27.5	37.0	5070798001	7,877.14
	228.3	63.4	38.7		3.0	78.3	30.7	37.0		
	251.1	69.7	36.5		3.2	77.5	32.2	37.0		
NDX150-125-500/4	203.2	56.4	83.5	1450	4.1	63.9	72.3	90.0	5070799001	21,952.47
	254.0	70.6	79.3		4.4	67.2	81.7	90.0		
	279.4	77.6	76.0		4.8	66.9	86.5	110.0		
NDX150-125-500A/4	192.1	53.4	74.6	1450	3.9	62.9	62.0	75.0	5070800001	16,502.45
	240.1	66.7	70.8		4.2	66.2	70.1	90.0		
	264.2	73.4	67.9		4.6	65.9	74.2	90.0		
NDX150-125-500B/4	182.2	50.6	67.1	1450	3.8	61.9	53.8	75.0	5070801001	15,666.54
	227.8	63.3	63.7		4.1	65.2	60.7	75.0		
	250.5	69.6	61.1		4.5	64.9	64.3	75.0		
NDX150-125-500C/4	172.3	47.9	60.0	1450	3.7	60.9	46.2	75.0	5070802001	15,387.39
	215.4	59.8	57.0		3.9	64.2	52.1	75.0		
	236.9	65.8	54.6		4.3	63.9	55.2	75.0		
NDX200-150-200/4	289.6	80.4	11.9	1450	4.7	78.7	11.9	15.0	5067653001	5,309.92
	362.0	100.6	10.4		5.0	83.1	12.3	15.0		
	398.2	110.6	9.5		5.4	82.0	12.6	15.0		
NDX200-150-200A/4	259.7	72.1	9.5	1450	4.4	77.7	8.7	11.0	5067669001	4,864.24
	324.7	90.2	8.3		4.7	82.1	9.0	11.0		
	357.1	99.2	7.7		5.0	81.0	9.2	11.0		
NDX200-150-250/4	362.4	100.7	19.6	1450	4.2	81.2	23.8	30.0	5070803001	7,330.38
	453.0	125.8	17.6		4.5	85.9	25.3	30.0		
	498.3	138.4	16.2		4.9	84.9	25.9	30.0		
NDX200-150-250A/4	335.6	93.2	16.8	1450	4.0	80.2	19.2	30.0	5070804001	7,330.38
	419.4	116.5	15.1		4.3	84.9	20.3	30.0		
	461.4	128.2	13.9		4.7	83.9	20.8	30.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX200-150-250B/4	315.4	87.6	14.8	1450	3.8	79.2	16.1	22.0	5070805001	6,626.03
	394.3	109.5	13.3		4.1	83.9	17.1	22.0		
	433.7	120.5	12.3		4.5	82.9	17.5	22.0		
NDX200-150-315/4	342.4	95.1	37.2	1450	4.0	86.9	40.0	45.0	5070806001	10,614.60
	428.0	118.9	34.3		4.9	89.1	44.9	55.0		
	470.8	130.8	32.6		5.8	88.7	47.1	55.0		
NDX200-150-315A/4	320.4	89.0	32.6	1450	3.8	85.9	33.1	37.0	5070807001	9,551.20
	400.5	111.2	30.0		4.7	88.1	37.2	45.0		
	440.5	122.4	28.5		5.5	87.7	39.0	45.0		
NDX200-150-315B/4	290.3	80.6	26.7	1450	3.6	84.9	24.9	37.0	5070808001	8,920.45
	362.9	100.8	24.7		4.4	87.1	28.0	37.0		
	399.2	110.9	23.4		5.2	86.7	29.4	37.0		
NDX200-150-400/4	344.0	95.6	54.3	1450	3.5	76.0	66.9	75.0	5070809001	16,316.60
	430.0	119.4	49.0		4.9	77.1	74.5	90.0		
	473.0	131.4	46.0		5.3	76.8	77.2	90.0		
NDX200-150-400A/4	326.1	90.6	48.8	1450	3.4	75.0	57.8	75.0	5070810001	15,081.87
	407.6	113.2	44.0		4.7	76.1	64.3	75.0		
	448.3	124.5	41.3		5.1	75.8	66.6	75.0		
NDX200-150-400B/4	309.8	86.0	44.0	1450	3.3	74.0	50.2	75.0	5070911001	15,081.87
	387.2	107.6	39.7		4.6	75.1	55.8	75.0		
	425.9	118.3	37.3		4.9	74.8	57.9	75.0		
NDX200-150-400C/4	293.5	81.5	39.5	1450	3.1	73.0	43.3	75.0	5070912001	15,081.87
	366.8	101.9	35.7		4.4	74.1	48.1	75.0		
	403.5	112.1	33.5		4.8	73.8	49.9	75.0		
NDX200-150-500/4	356.0	98.9	84.9	1450	3.9	75.1	109.7	132.0	5070913001	30,225.84
	445.0	123.6	78.9		4.4	77.9	122.8	160.0		
	489.5	136.0	74.9		5.2	76.9	129.8	160.0		
NDX200-150-500A/4	336.8	93.5	76.0	1450	3.8	74.1	94.1	110.0	5070914001	27,140.47
	420.9	116.9	70.6		4.2	76.9	105.3	132.0		
	463.0	128.6	67.0		5.0	75.9	111.3	132.0		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX200-150-500B/4	319.6	88.8	68.4	1450	3.6	73.1	81.5	90.0	5070915001	25,040.06
	399.5	111.0	63.6		4.1	75.9	91.2	110.0		
	439.4	122.1	60.3		4.8	74.9	96.4	110.0		
NDX200-150-500C/4	302.4	84.0	61.3	1450	3.5	72.1	70.0	90.0	5070916001	19,134.36
	378.0	105.0	57.0		3.9	74.9	78.3	90.0		
	415.8	115.5	54.0		4.7	73.9	82.8	90.0		
NDX250-200-250/4	508.8	141.3	18.5	1450	3.7	74.5	34.5	45.0	5070917001	9,049.07
	636.0	176.7	16.3		4.5	77.1	36.6	45.0		
	699.6	194.3	14.9		5.5	75.8	37.6	45.0		
NDX250-200-250A/4	480.5	133.5	16.5	1450	3.6	73.5	29.4	37.0	5070918001	8,577.77
	600.7	166.9	14.5		4.3	76.1	31.2	37.0		
	660.7	183.5	13.3		5.3	74.8	32.1	37.0		
NDX250-200-250B/4	452.3	125.6	14.6	1450	3.4	72.5	24.9	37.0	5070919001	8,577.77
	565.3	157.0	12.9		4.2	75.1	26.4	37.0		
	621.9	172.7	11.8		5.1	73.8	27.1	37.0		
NDX250-200-315/4	521.6	144.9	33.0	1450	3.5	82.0	57.2	75.0	5070920001	14,793.82
	652.0	181.1	28.9		4.0	83.9	61.1	75.0		
	717.2	199.2	26.1		4.8	81.7	62.3	75.0		
NDX250-200-315A/4	487.1	135.3	28.8	1450	3.3	81.0	47.1	55.0	5070921001	14,793.82
	608.9	169.1	25.2		3.8	82.9	50.4	75.0		
	669.8	186.1	22.7		4.6	80.7	51.4	75.0		
NDX250-200-315B/4	449.7	124.9	24.5	1450	3.2	80.0	37.5	55.0	5070922001	10,881.48
	562.1	156.1	21.4		3.6	81.9	40.1	55.0		
	618.3	171.7	19.4		4.3	79.7	40.9	55.0		
NDX250-200-400/4	437.6	121.6	56.1	1450	3.8	74.1	90.2	110.0	5070923001	24,827.85
	547.0	151.9	51.5		4.0	77.9	98.5	110.0		
	601.7	167.1	49.0		4.2	77.5	103.6	132.0		
NDX250-200-400A/4	415.1	115.3	50.4	1450	3.7	73.1	78.1	90.0	5070924001	22,727.44
	518.8	144.1	46.3		3.9	76.9	85.1	110.0		
	570.7	158.5	44.0		4.1	76.5	89.6	110.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX250-200-400B/4	394.6	109.6	45.6	1450	3.5	72.1	68.0	75.0	5070925001	18,010.02
	493.2	137.0	41.8		3.7	75.9	74.1	90.0		
	542.5	150.7	39.8		3.9	75.5	78.0	90.0		
NDX250-200-400C/4	374.1	103.9	41.0	1450	3.4	71.1	58.7	75.0	5070926001	15,420.84
	467.6	129.9	37.6		3.6	74.9	64.0	75.0		
	514.3	142.9	35.8		3.8	74.5	67.3	75.0		
NDX250-200-500/4	525.6	146.0	86.0	1450	4.0	77.9	158.1	185.0	5070927001	44,581.41
	657.0	182.5	79.2		4.5	78.6	180.3	220.0		
	722.7	200.8	75.4		5.0	77.8	190.8	220.0		
NDX250-200-500A/4	497.7	138.3	77.2	1450	3.9	76.9	136.0	160.0	5070928001	33,253.57
	622.2	172.8	71.0		4.3	77.6	155.1	185.0		
	684.4	190.1	67.6		4.8	76.8	164.2	185.0		
NDX250-200-500B/4	472.8	131.3	69.6	1450	3.7	75.9	118.2	132.0	5070929001	31,673.90
	591.1	164.2	64.1		4.2	76.6	134.7	160.0		
	650.2	180.6	61.0		4.7	75.8	142.6	160.0		
NDX250-200-500C/4	448.0	124.4	62.5	1450	3.6	74.9	101.8	132.0	5070930001	31,306.67
	559.9	155.5	57.5		4.0	75.6	116.1	132.0		
	615.9	171.1	54.8		4.5	74.8	122.9	160.0		
NDX300-250-315/4	761.6	211.6	32.5	1450	5.2	77.2	87.4	110.0	5070931001	22,806.23
	952.0	264.4	27.8		5.3	79.8	90.2	110.0		
	1047.2	290.9	26.0		5.5	79.2	93.5	110.0		
NDX300-250-315A/4	722.2	200.6	29.2	1450	5.0	76.2	75.5	90.0	5070932001	16,734.01
	902.8	250.8	25.0		5.1	78.8	77.9	90.0		
	993.0	275.8	23.3		5.3	78.2	80.7	90.0		
NDX300-250-315B/4	667.5	185.4	25.0	1450	4.8	75.2	60.4	75.0	5070933001	15,499.28
	834.4	231.8	21.3		4.9	77.8	62.3	75.0		
	917.8	254.9	19.9		5.0	77.2	64.6	75.0		
NDX300-250-400/4	855.2	237.6	52.0	1450	5.7	77.9	155.7	185.0	5070934001	32,919.05
	1069.0	296.9	47.6		6.1	82.1	168.8	185.0		
	1175.9	326.6	43.7		6.5	79.5	176.1	200.0		

NDX End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX300-250-400A/4	811.1	225.3	46.8	1450	5.5	76.9	134.5	160.0	5070935001	32,446.27
	1013.9	281.6	42.8		5.9	81.1	145.8	160.0		
	1115.3	309.8	39.3		6.3	78.5	152.2	185.0		
NDX300-250-400B/4	771.1	214.2	42.3	1450	5.3	75.9	117.1	132.0	5070936001	30,603.84
	963.9	267.7	38.7		5.7	80.1	126.8	160.0		
	1060.2	294.5	35.5		6.1	77.5	132.4	160.0		
NDX300-250-400C/4	731.0	203.1	38.0	1450	5.1	74.9	101.1	132.0	5070937001	27,518.46
	913.8	253.8	34.8		5.5	79.1	109.4	132.0		
	1005.2	279.2	31.9		5.9	76.5	114.3	132.0		
NDX300-250-500/4	788.8	219.1	82.5	1450	4.4	78.7	225.4	250.0	5070938001	52,755.89
	986.0	273.9	74.4		5.0	80.7	247.5	315.0		
	1084.6	301.3	67.1		5.8	76.6	258.8	315.0		
NDX300-250-500A/4	747.0	207.5	74.0	1450	4.2	77.7	193.9	220.0	5070939001	46,969.49
	933.7	259.4	66.7		4.8	79.7	212.8	250.0		
	1027.1	285.3	60.1		5.6	75.6	222.7	250.0		
NDX300-250-500B/4	709.6	197.1	66.8	1450	4.1	76.7	168.4	185.0	5070940001	45,149.00
	887.0	246.4	60.2		4.7	78.7	184.8	220.0		
	975.7	271.0	54.3		5.4	74.6	193.5	220.0		
NDX300-250-500C/4	672.3	186.7	59.9	1450	4.0	75.7	145.1	185.0	5070941001	34,327.00
	840.3	233.4	54.0		4.5	77.7	159.1	185.0		
	924.4	256.8	48.7		5.2	73.6	166.7	185.0		
NDX350-300-315/4	1089.6	302.7	30.7	1450	6.1	75.4	120.9	160.0	5070942001	30,706.79
	1362.0	378.3	27.8		6.3	79.3	130.1	160.0		
	1498.2	416.2	25.0		6.4	76.1	134.1	160.0		
NDX350-300-315A/4	986.3	274.0	25.2	1450	5.7	74.4	90.8	110.0	5070943001	25,473.46
	1232.8	342.5	22.8		5.9	78.3	97.8	110.0		
	1356.1	376.7	20.5		6.0	75.1	100.8	110.0		
NDX350-300-400/4	952.0	264.4	54.2	1450	6.3	73.9	190.3	220.0	5070944001	46,170.75
	1190.0	330.6	49.3		6.4	77.8	205.5	250.0		
	1309.0	363.6	46.2		6.6	77.2	213.4	250.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDX350-300-400A/4	903.0	250.8	48.8	1450	6.1	72.9	164.6	185.0	5070945001	44,350.23
	1128.7	313.5	44.4		6.2	76.8	177.6	200.0		
	1241.6	344.9	41.5		6.4	76.2	184.5	220.0		
NDX350-300-400B/4	858.4	238.4	44.1	1450	5.9	71.9	143.4	160.0	5070904001	33,632.69
	1073.0	298.0	40.1		6.0	75.8	154.6	185.0		
	1180.2	327.8	37.5		6.2	75.2	160.6	185.0		
NDX350-300-400C/4	824.9	229.1	40.7	1450	5.7	70.9	129.1	160.0	5070905001	31,859.40
	1031.1	286.4	37.0		5.8	74.8	139.1	160.0		
	1134.3	315.1	34.7		6.0	74.2	144.5	160.0		

NDZ End Suction Centrifugal Pump



Overview

The NDZ series horizontal end suction pumps are single-stage, single-suction, direct connected centrifugal pumps, representing a new generation of high-efficiency and energy-saving product innovatively developed by LEO company. This series is designed with a wide range of models and excellent hydraulic performance, characterized by simple structure, high reliability, high efficiency and energy conservation, good resistance to cavitation erosion, ease of use and maintenance, and other features.

Technical Parameters

- Inlet diameter: DN40 ~ DN350
- Outlet diameter: DN25 ~ DN300
- Media temperature: -10 ~ 80℃
- Rotation direction: from the drive end, the pump is rotated in clockwise
- Design pressure: 1.6 Mpa @Head≥ 100m, others is 1.0Mpa
- Allowed inlet pressure: Design pressure - Rated head

Model Definition

NDZ 100-80-160 A / 2

- Number of motor poles
- Cutting code of impeller
- Nominal diameter of impeller(mm)
- Nominal diameter of outlet(mm)
- Nominal diameter of inlet(mm)
- New generation end-suction centrifugal pump

Structure Features

Energy-saving and High-efficiency

- MEI ≥0.4 which meets the requirements of the European Union's Minimum Energy Performance Indicator regulations.
- Installation dimensions comply with the European standard EN733, and have been expanded to provide a wider product coverage.
- Design, manufacturing, and quality conform to the GB/T5656 "Centrifugal Pump Technical Conditions" standard.
- The pump casing features a circular chamber design for high efficiency and better pressure resistance.
- Smooth coatings on the inlet and outlet has excellent wear and corrosion resistant performance and results in low hydraulic losses.
- The latest design of the impeller is optimized to offer high efficiency, a wide high-efficiency range, and low hydraulic losses.

Long service life

- Silicon carbide/silicon carbide (SiC/SiC) mechanical seals provide a high temperature range, excellent wear resistance.
- For pumps with high radial forces, a double volute design is adopted for pressure chamber to increase strength, reduce loading on bearing and shaft seal.
- 100% dynamic balancing test is performed on the impeller to reduce pump vibration and noise.

Easy maintenance

- Back pull-out structure for convenient disassembly and inspection.

Technical Parameters

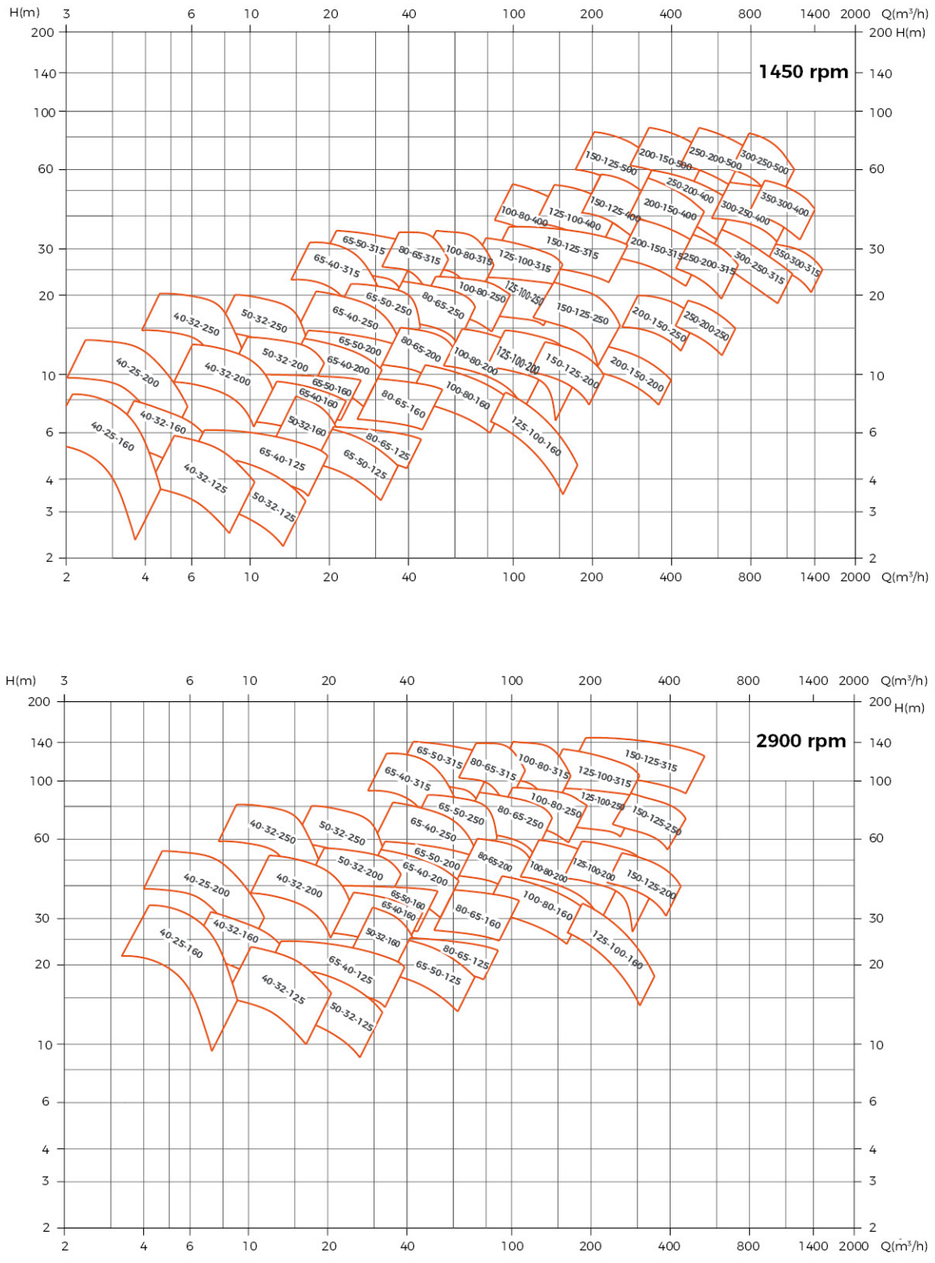
Item	Comment
Flow	1.9 ~ 1488 m^3/h
Head	3 ~ 142 m
Standard temperature	-10 ~ 80 ℃
Nominal speed	1450/2900 rpm
Power range	0.55 ~ 315 kW
Outlet diameter	DN25 ~ DN300
Working pressure	1.0/1.6 Mpa

Configuration Table

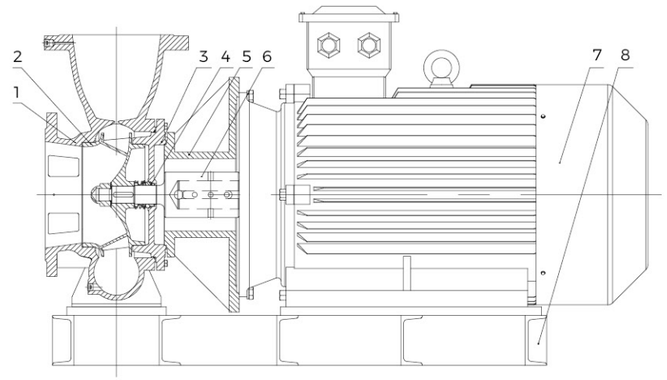
Part	Standard	Option 1	Option 2	Option 3
Casing and cover	Cast iron/Ductile iron	Cast iron/Ductile iron	SS304	SS316
Impeller	Cast iron	SS304	SS304	SS316
Shaft	X20Cr13	X20Cr13	X20Cr13	SS2205
Seal ring	/	/	SS304	SS316
Cantilever / Connection frame	Cast iron			
Accessories and Components				
Mechanic seal	LEO MG12	Bogman MG12, Local brand MG12		

NDZ End Suction Centrifugual Pump

Hydraulic Performance Curves



Material Table



No.	Part
1	Pump body
2	Impeller
3	Pump cover
4	Mechanical seal
5	Connection frame
6	Shaft
7	Motor
8	Base

Features

- **Casing**

  It is designed with a circular pressure chamber for high efficiency and good strength. The inlet and outlet channels are coated with wear-resistant and corrosion-resistant smooth coatings to minimize hydraulic losses. The suction chamber features flow-guide ribs are designed for eliminating vortices at the inlet, ensuring smooth and low noise operation, and excellent cavitation resistance. For pumps with large radial forces, a double volute design is adopted for good strength, decreasing loads on the bearings and shaft seals, and longer service life.

- **Impeller**

  Designed by using ternary flow theory and simulated by CFD (Computational Fluid Dynamics) which offer high efficiency and a wide high-efficiency range. Fabricated by using metal molds and precision casting in stainless steel, with CNC machining which can minimize hydraulic losses. The impellers are checked by dynamic balancing test 100% to reduce pump vibration.

- **Pump Shaft**

  The pump shaft is made of X20Cr13 stainless steel and can be used versatility. Only six types of shafts are used for over 90 specifications of the entire series which shafts, bearings, shaft seals, and impeller fasteners of the same specification can be interchanged.

- **Shaft Seal**

  Adopting carbide silicon/carbide silicon (SiC/SiC) hard-face mechanical seal which has better wear resistance and longer service life compared with conventional designs.

- **Bearings**

  Double-sealed maintenance-free bearings are employed in small shaft systems which are no additional lubrication needed to reduce maintenance costs. For large shaft systems, the drive end employs a pair of angular contact ball bearings, while the non-drive end utilizes cylindrical roller bearings. This design can withstand higher axial and radial forces and extend the products' lifecycle compared to normal designs.

NDZ End Suction Centrifugual Pump

Instructions

Start up

- Before connecting pump to the power, ensure that the rotation direction of the motor is correct and that the pump rotates smoothly.
- Close the valve on the discharge pipe.
- Fill the pump with water or use a vacuum pump to fill the pump.
- Switch on the power supply. Once the pump reaches its normal speed, gradually open the valve on the discharge pipeline and adjust it to the operating point in demand. With the valve on the discharge pipe closed, the pump should not operate continuously for more than 3 minutes.

Shut down

- Close the valve on the pipeline gradually and disconnect the power supply.
- If the ambient temperature falls below 0°C , it is necessary to drain the water inside the pump to prevent it from freezing and cracking.
- If the pump is not going to be used for a long period, it should be dismantled, coated with oil, and stored after being properly packaged.

Operation

- During startup and operation, it is necessary to observe the instrument readings, checking if the bearing temperature, pump vibration, and noise are normal. If any abnormalities are found, they should be handled promptly.
- The bearing temperature rise should not exceed 40°C above ambient temperature, and the maximum bearing temperature should not exceed 80°C .
- If the gap between sealing ring and impeller is worn excessively, the sealing ring should be replaced by a new one.

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDZ40-25-160/2	5.5	1.5	32.1	2900	8.1	34.6	1.4	2.2	5067684001	1,149.99
	6.9	1.9	27.6		8.7	35.1	1.5	2.2		
	8.4	2.3	18.9		9.3	28.1	1.5	2.2		
NDZ40-25-160A/2	5.0	1.4	25.9	2900	7.5	33.6	1.1	1.5	5067695001	1,130.31
	6.2	1.7	22.2		8.1	34.1	1.1	1.5		
	7.5	2.1	15.2		8.7	27.1	1.1	1.5		
NDZ40-25-160B/2	4.4	1.2	20.6	2900	7.0	32.6	0.8	1.1	5067705001	1,042.58
	5.6	1.5	17.7		7.5	33.1	0.8	1.1		
	6.7	1.9	12.1		8.0	26.1	0.9	1.1		
NDZ40-25-200/2	5.9	1.7	53.3	2900	6.9	27.6	3.1	4.0	5067725001	1,955.07
	7.4	2.1	50.8		7.3	31.0	3.3	4.0		
	9.0	2.5	43.4		7.7	29.6	3.6	5.5		
NDZ40-25-200A/2	5.6	1.6	48.2	2900	6.7	26.6	2.8	4.0	5067741001	1,585.63
	7.0	1.9	46.0		7.1	30.0	2.9	4.0		
	8.6	2.4	39.3		7.5	28.6	3.2	4.0		
NDZ40-25-200B/2	5.4	1.5	43.4	2900	6.5	25.6	2.5	4.0	5067756001	1,585.63
	6.7	1.8	41.3		6.8	29.0	2.6	4.0		
	8.1	2.3	35.3		7.2	27.6	2.8	4.0		
NDZ40-25-200C/2	5.0	1.4	38.3	2900	6.2	24.6	2.1	3.0	5074689001	1,478.44
	6.3	1.7	36.5		6.5	28.0	2.2	3.0		
	7.6	2.1	31.2		6.9	26.6	2.4	3.0		
NDZ40-32-125/2	12.5	3.5	22.4	2900	1.7	58.1	1.3	2.2	5067771001	1,098.72
	15.6	4.3	20.4		1.8	60.0	1.4	2.2		
	17.2	4.8	19.0		1.9	57.9	1.5	2.2		
NDZ40-32-125A/2	11.3	3.1	18.3	2900	1.6	57.1	1.0	1.5	5067779001	1,079.37
	14.1	3.9	16.7		1.7	59.0	1.1	1.5		
	15.5	4.3	15.5		1.8	56.9	1.1	1.5		
NDZ40-32-125B/2	10.0	2.8	14.3	2900	1.5	56.1	0.7	1.1	5067791001	992.79
	12.5	3.5	13.1		1.6	58.0	0.8	1.1		
	13.7	3.8	12.1		1.6	55.9	0.8	1.1		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDZ40-32-160/2	9.6	2.7	28.9	2900	4.7	39.3	1.9	3.0	5067810001	1,369.67
	12.0	3.3	26.0		5.3	40.3	2.1	3.0		
	13.2	3.7	23.9		5.6	38.9	2.2	3.0		
NDZ40-32-160A/2	8.9	2.5	24.6	2900	4.5	38.3	1.6	2.2	5067823001	1,186.07
	11.1	3.1	22.2		5.0	39.3	1.7	2.2		
	12.2	3.4	20.4		5.3	37.9	1.8	2.2		
NDZ40-32-160B/2	8.1	2.2	20.4	2900	4.2	37.3	1.2	2.2	5067835001	1,186.07
	10.1	2.8	18.3		4.7	38.3	1.3	2.2		
	11.1	3.1	16.9		5.0	36.9	1.4	2.2		
NDZ40-32-200/2	16.0	4.4	49.7	2900	5.8	33.1	6.6	7.5	5067850001	2,830.77
	20.0	5.6	45.3		7.1	35.0	7.0	11.0		
	22.0	6.1	41.6		7.8	35.0	7.1	11.0		
NDZ40-32-200A/2	15.2	4.2	45.0	2900	5.6	32.1	5.8	7.5	5067859001	2,053.18
	19.0	5.3	41.0		6.9	34.0	6.2	7.5		
	20.9	5.8	37.6		7.5	34.0	6.3	7.5		
NDZ40-32-200B/2	14.4	4.0	40.5	2900	5.4	31.1	5.1	7.5	5067871001	2,053.18
	18.0	5.0	36.8		6.6	33.0	5.5	7.5		
	19.8	5.5	33.8		7.3	33.0	5.6	7.5		
NDZ40-32-200C/2	13.6	3.8	35.8	2900	5.2	30.1	4.4	7.5	5067889001	2,053.18
	17.0	4.7	32.6		6.4	32.0	4.7	7.5		
	18.7	5.2	29.9		7.0	32.0	4.8	7.5		
NDZ40-32-250/2	12.0	3.3	79.4	2900	7.4	31.2	8.3	11.0	5067900001	3,112.48
	15.0	4.2	73.5		7.5	33.9	8.9	11.0		
	16.9	4.7	61.4		7.6	29.9	9.5	15.0		
NDZ40-32-250A/2	11.4	3.2	72.0	2900	7.2	30.2	7.4	11.0	5067915001	2,936.32
	14.3	4.0	66.6		7.3	32.9	7.9	11.0		
	16.1	4.5	55.7		7.4	28.9	8.4	11.0		
NDZ40-32-250B/2	10.8	3.0	64.3	2900	6.9	29.2	6.5	11.0	5067923001	2,936.32
	13.5	3.8	59.5		7.0	31.9	6.9	11.0		
	15.2	4.2	49.7		7.1	27.9	7.4	11.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDZ40-32-250C/2	10.2	2.8	57.7	2900	6.7	28.2	5.7	11.0	5067934001	2,936.32
	12.8	3.6	53.4		6.7	30.9	6.0	11.0		
	14.4	4.0	44.6		6.8	26.9	6.5	11.0		
NDZ50-32-125/2	23.3	6.5	17.0	2900	1.6	54.0	2.0	3.0	5067946001	1,343.26
	26.3	7.3	15.9		1.7	54.7	2.1	3.0		
	29.6	8.2	14.5		1.9	54.5	2.2	3.0		
NDZ50-32-125A/2	21.2	5.9	14.1	2900	1.5	53.0	1.5	2.2	5067958001	1,108.36
	24.0	6.7	13.2		1.6	53.7	1.6	2.2		
	27.0	7.5	12.0		1.8	53.5	1.7	2.2		
NDZ50-32-125B/2	19.1	5.3	11.5	2900	1.4	52.0	1.2	1.5	5067970001	1,089.04
	21.6	6.0	10.7		1.5	52.7	1.2	1.5		
	24.3	6.8	9.8		1.7	52.5	1.2	1.5		
NDZ50-32-160/2	31.3	8.7	32.5	2900	3.5	68.7	4.0	5.5	5067985001	1,869.97
	35.4	9.8	30.8		3.6	70.1	4.2	5.5		
	38.1	10.6	29.2		3.7	69.4	4.4	5.5		
NDZ50-32-160A/2	28.7	8.0	27.4	2900	3.3	67.7	3.2	4.0	5067999001	1,506.80
	32.5	9.0	26.0		3.4	69.1	3.3	4.0		
	35.0	9.7	24.6		3.5	68.4	3.4	4.0		
NDZ50-32-160B/2	26.3	7.3	23.0	2900	3.1	66.7	2.5	4.0	5068013001	1,506.80
	29.8	8.3	21.9		3.2	68.1	2.6	4.0		
	32.1	8.9	20.7		3.3	67.4	2.7	4.0		
NDZ50-32-200/2	27.3	7.6	53.5	2900	3.9	60.1	6.6	11.0	5068022001	2,832.25
	32.7	9.1	51.0		4.9	63.1	7.2	11.0		
	35.7	9.9	47.9		5.7	62.2	7.5	11.0		
NDZ50-32-200A/2	26.0	7.2	48.5	2900	3.8	59.1	5.8	7.5	5068029001	2,832.25
	31.1	8.6	46.2		4.7	62.1	6.3	11.0		
	34.0	9.4	43.4		5.5	61.2	6.6	11.0		
NDZ50-32-200B/2	24.5	6.8	43.3	2900	3.6	58.1	5.0	7.5	5068038001	2,054.69
	29.4	8.2	41.3		4.6	61.1	5.4	7.5		
	32.1	8.9	38.7		5.3	60.2	5.6	7.5		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ50-32-200C/2	23.2	6.5	38.8	2900	3.5	57.1	4.3	7.5	5068052001	2,054.69
	27.8	7.7	37.0		4.4	60.1	4.7	7.5		
	30.4	8.4	34.7		5.1	59.2	4.9	7.5		
NDZ50-32-250/2	23.2	6.4	77.0	2900	7.1	36.9	13.2	15.0	5068063001	3,293.52
	29.0	8.1	69.8		7.3	39.2	14.1	18.5		
	31.9	8.9	58.2		7.4	34.3	14.7	18.5		
NDZ50-32-250A/2	22.0	6.1	69.3	2900	6.9	35.9	11.6	15.0	5068074001	3,293.52
	27.5	7.6	62.9		7.0	38.2	12.3	15.0		
	30.3	8.4	52.4		7.1	33.3	13.0	18.5		
NDZ50-32-250B/2	20.9	5.8	62.6	2900	6.6	34.9	10.2	15.0	5068086001	3,142.99
	26.2	7.3	56.8		6.8	37.2	10.9	15.0		
	28.8	8.0	47.3		6.9	32.3	11.5	15.0		
NDZ50-32-250C/2	19.7	5.5	55.8	2900	6.4	33.9	8.8	15.0	5068096001	3,142.99
	24.7	6.9	50.6		6.6	36.2	9.4	15.0		
	27.1	7.5	42.1		6.6	31.3	10.0	15.0		
NDZ65-40-125/2	24.3	6.7	23.3	2900	4.4	64.4	2.4	3.0	5068108001	1,462.20
	34.2	9.5	21.2		4.9	70.0	2.8	4.0		
	38.3	10.6	20.0		5.0	70.3	3.0	4.0		
NDZ65-40-125A/2	22.3	6.2	19.8	2900	4.2	63.4	1.9	3.0	5068121001	1,354.06
	31.5	8.8	18.0		4.6	69.0	2.2	3.0		
	35.3	9.8	17.0		4.7	69.3	2.4	3.0		
NDZ65-40-125B/2	20.4	5.7	16.5	2900	3.9	62.4	1.5	2.2	5068134001	1,127.68
	28.8	8.0	15.0		4.4	68.0	1.7	2.2		
	32.2	8.9	14.2		4.5	68.3	1.8	2.2		
NDZ65-40-160/2	37.8	10.5	34.5	2900	3.8	66.0	5.4	7.5	5068144001	1,969.94
	43.1	12.0	32.8		4.3	67.3	5.7	7.5		
	45.3	12.6	32.0		4.4	67.6	5.8	7.5		
NDZ65-40-160A/2	34.7	9.6	29.1	2900	3.6	65.0	4.2	5.5	5068152001	1,878.49
	39.6	11.0	27.7		4.1	66.3	4.5	5.5		
	41.6	11.6	27.0		4.2	66.6	4.6	5.5		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ65-40-160B/2	31.6	8.8	24.2	2900	3.4	64.0	3.3	5.5	5068163001	1,878.49
	36.1	10.0	23.0		3.8	65.3	3.5	5.5		
	37.9	10.5	22.4		3.9	65.6	3.5	5.5		
NDZ65-40-200/2	42.4	11.8	51.4	2900	3.9	65.5	9.1	11.0	5068172001	3,038.15
	53.0	14.7	47.3		4.6	66.6	10.2	15.0		
	58.3	16.2	44.4		5.1	66.3	10.7	15.0		
NDZ65-40-200A/2	40.4	11.2	46.6	2900	3.8	64.5	7.9	11.0	5068181001	2,861.98
	50.5	14.0	42.8		4.5	65.6	9.0	11.0		
	55.5	15.4	40.3		4.9	65.3	9.3	11.0		
NDZ65-40-200B/2	38.1	10.6	41.6	2900	3.6	63.5	6.8	11.0	5068188001	2,861.98
	47.6	13.2	38.2		4.3	64.6	7.7	11.0		
	52.4	14.6	35.9		4.8	64.3	8.0	11.0		
NDZ65-40-200C/2	36.1	10.0	37.3	2900	3.5	62.5	5.9	11.0	5068199001	2,861.98
	45.1	12.5	34.2		4.1	63.6	6.6	11.0		
	49.6	13.8	32.2		4.6	63.3	6.9	11.0		
NDZ65-40-250/2	47.2	13.1	78.1	2900	3.1	61.0	16.5	22.0	5068207001	3,882.64
	59.0	16.4	71.5		4.2	62.8	18.3	22.0		
	64.9	18.0	66.0		5.0	62.1	18.8	22.0		
NDZ65-40-250A/2	44.8	12.4	70.3	2900	3.0	60.0	14.3	18.5	5068210001	3,882.64
	56.0	15.6	64.4		4.1	61.8	15.9	22.0		
	61.6	17.1	59.4		4.8	61.1	16.3	22.0		
NDZ65-40-250B/2	42.6	11.8	63.5	2900	2.9	59.0	12.5	15.0	5068216001	3,308.00
	53.2	14.8	58.1		3.9	60.8	13.9	18.5		
	58.5	16.3	53.6		4.7	60.1	14.2	18.5		
NDZ65-40-250C/2	40.1	11.1	56.5	2900	2.8	58.0	10.6	15.0	5068223001	3,157.47
	50.2	13.9	51.7		3.8	59.8	11.8	15.0		
	55.2	15.3	47.7		4.5	59.1	12.1	15.0		
NDZ65-40-315/2	33.5	9.3	127.0	2900	5.2	37.6	30.8	37.0	5070906001	6,914.09
	49.5	13.8	115.1		6.7	43.7	35.5	45.0		
	58.1	16.2	94.1		7.4	39.3	37.9	45.0		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ65-40-315A/2	31.8	8.8	114.9	2900	5.0	36.6	27.2	30.0	5070907001	5,691.24
	47.1	13.1	104.1		6.5	42.7	31.3	37.0		
	55.3	15.4	85.0		7.2	38.3	33.5	37.0		
NDZ65-40-315B/2	30.1	8.4	102.6	2900	4.8	35.6	23.6	30.0	5070908001	5,691.24
	44.5	12.4	93.0		6.2	41.7	27.0	37.0		
	52.3	14.5	76.0		6.9	37.3	29.0	37.0		
NDZ65-40-315C/2	28.4	7.9	91.7	2900	4.7	34.6	20.5	30.0	5070909001	5,373.84
	42.1	11.7	83.1		6.0	40.7	23.4	30.0		
	49.4	13.7	67.9		6.6	36.3	25.2	30.0		
NDZ65-50-125/2	46.4	12.9	23.9	2900	2.7	66.4	4.6	5.5	5068230001	1,955.46
	58.0	16.1	21.5		3.1	68.4	5.0	7.5		
	63.8	17.7	20.1		3.3	67.2	5.2	7.5		
NDZ65-50-125A/2	43.2	12.0	20.7	2900	2.6	65.4	3.7	5.5	5067366001	1,864.01
	53.9	15.0	18.6		3.0	67.4	4.1	5.5		
	59.3	16.5	17.4		3.1	66.2	4.3	5.5		
NDZ65-50-125B/2	39.9	11.1	17.7	2900	3.0	64.4	3.0	4.0	5067373001	1,494.57
	49.9	13.9	15.9		3.3	66.4	3.3	4.0		
	54.9	15.2	14.9		3.4	65.2	3.4	4.0		
NDZ65-50-160/2	29.3	8.2	39.8	2900	3.6	58.5	5.4	7.5	5067382001	2,795.08
	40.3	11.2	39.2		4.4	67.7	6.4	7.5		
	49.2	13.7	38.6		4.9	73.2	7.1	11.0		
NDZ65-50-160A/2	27.0	7.5	33.6	2900	3.4	57.5	4.3	5.5	5067392001	2,008.23
	37.1	10.3	33.1		4.2	66.7	5.0	7.5		
	45.2	12.6	32.6		4.6	72.2	5.6	7.5		
NDZ65-50-160B/2	24.6	6.8	27.9	2900	3.2	56.5	3.3	5.5	5067401001	1,916.78
	33.8	9.4	27.6		3.9	65.7	3.9	5.5		
	41.2	11.4	27.1		4.4	71.2	4.3	5.5		
NDZ65-50-200/2	39.1	10.9	58.1	2900	2.9	64.2	9.6	15.0	5067409001	3,219.54
	59.3	16.5	54.6		3.5	71.4	12.3	15.0		
	67.6	18.8	52.8		4.0	73.4	13.3	18.5		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ65-50-200A/2	37.2	10.3	52.7	2900	2.8	63.2	8.5	11.0	5067422001	3,069.74
	56.4	15.7	49.5		3.4	70.4	10.8	15.0		
	64.4	17.9	47.9		3.9	72.4	11.6	15.0		
NDZ65-50-200B/2	35.2	9.8	47.1	2900	2.7	62.2	7.3	11.0	5067432001	3,069.74
	53.3	14.8	44.2		3.3	69.4	9.3	11.0		
	60.8	16.9	42.8		3.7	71.4	9.9	15.0		
NDZ65-50-200C/2	33.3	9.3	42.2	2900	2.6	61.2	6.3	11.0	5067444001	2,893.19
	50.5	14.0	39.7		3.1	68.4	8.0	11.0		
	57.6	16.0	38.3		3.6	70.4	8.6	11.0		
NDZ65-50-250/2	64.0	17.8	85.9	2900	6.6	63.4	23.6	30.0	5067451001	4,952.71
	80.0	22.2	79.6		7.4	66.4	26.1	30.0		
	88.0	24.4	60.8		8.2	56.6	25.8	30.0		
NDZ65-50-250A/2	60.8	16.9	77.5	2900	6.4	62.4	20.6	30.0	5067462001	4,952.71
	76.0	21.1	71.8		7.2	65.4	22.8	30.0		
	83.6	23.2	54.8		7.9	55.6	22.5	30.0		
NDZ65-50-250B/2	57.6	16.0	69.6	2900	6.2	61.4	17.8	22.0	5067471001	4,094.12
	72.0	20.0	64.5		6.9	64.4	19.6	22.0		
	79.2	22.0	49.2		7.6	54.6	19.5	22.0		
NDZ65-50-250C/2	54.4	15.1	62.1	2900	5.9	60.4	15.2	22.0	5067481001	4,094.12
	68.0	18.9	57.5		6.6	63.4	16.8	22.0		
	74.8	20.8	43.9		7.4	53.6	16.7	22.0		
NDZ65-50-315/2	57.0	15.8	136.6	2900	6.3	56.4	37.6	45.0	5070910001	8,451.74
	73.4	20.4	130.2		7.0	60.8	42.8	55.0		
	79.2	22.0	127.8		7.2	62.1	44.4	55.0		
NDZ65-50-315A/2	54.2	15.0	123.4	2900	6.1	55.4	32.9	37.0	5070946001	7,361.62
	69.7	19.4	117.7		6.8	59.8	37.4	45.0		
	75.3	20.9	115.5		7.0	61.1	38.8	45.0		
NDZ65-50-315B/2	51.4	14.3	110.9	2900	5.9	54.4	28.5	37.0	5070947001	7,361.62
	66.1	18.4	105.8		6.5	58.8	32.4	45.0		
	71.3	19.8	103.8		6.7	60.1	33.6	45.0		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ65-50-315C/2	48.4	13.4	98.4	2900	5.6	53.4	24.3	37.0	5070948001	5,703.52
	62.3	17.3	93.8		6.3	57.8	27.5	37.0		
	67.2	18.7	92.1		6.5	59.1	28.5	37.0		
NDZ80-65-125/2	56.8	15.8	24.7	2900	4.6	63.1	6.1	7.5	5067493001	2,784.31
	76.2	21.2	23.7		5.2	72.1	6.8	11.0		
	84.7	23.5	23.1		5.8	75.3	7.1	11.0		
NDZ80-65-125A/2	53.2	14.8	21.7	2900	4.4	62.1	5.1	7.5	5067505001	2,068.05
	71.4	19.8	20.8		5.0	71.1	5.7	7.5		
	79.4	22.1	20.3		5.6	74.3	5.9	7.5		
NDZ80-65-125B/2	50.1	13.9	19.2	2900	4.2	61.1	4.3	7.5	5067516001	2,068.05
	67.2	18.7	18.4		4.8	70.1	4.8	7.5		
	74.7	20.7	17.9		5.3	73.3	5.0	7.5		
NDZ80-65-160/2	67.1	18.6	38.2	2900	4.1	68.7	10.2	15.0	5067530001	3,011.78
	88.5	24.6	36.9		5.2	75.9	11.7	15.0		
	97.8	27.2	36.2		5.8	77.9	12.4	15.0		
NDZ80-65-160A/2	61.6	17.1	32.3	2900	3.9	67.7	8.0	11.0	5067545001	3,011.78
	81.3	22.6	31.2		4.9	74.9	9.2	15.0		
	89.9	25.0	30.5		5.5	76.9	9.7	15.0		
NDZ80-65-160B/2	56.2	15.6	26.8	2900	3.6	66.7	6.2	11.0	5067557001	2,835.23
	74.2	20.6	25.9		4.6	73.9	7.1	11.0		
	82.0	22.8	25.4		5.2	75.9	7.5	11.0		
NDZ80-65-200/2	81.6	22.7	59.6	2900	3.5	69.7	19.0	22.0	5067571001	4,817.43
	102.0	28.3	56.7		6.1	74.2	21.2	30.0		
	112.2	31.2	53.5		7.4	73.9	22.1	30.0		
NDZ80-65-200A/2	77.5	21.5	53.8	2900	3.4	68.7	16.6	22.0	5067584001	3,958.45
	96.9	26.9	51.2		5.9	73.2	18.5	22.0		
	106.6	29.6	48.3		7.2	72.9	19.2	22.0		
NDZ80-65-200B/2	73.4	20.4	48.3	2900	3.3	67.7	14.3	18.5	5067596001	3,958.45
	91.8	25.5	45.9		5.7	72.2	15.9	22.0		
	101.0	28.1	43.3		6.9	71.9	16.6	22.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ80-65-200C/2	69.4	19.3	43.1	2900	3.1	66.7	12.2	18.5	5067609001	3,380.48
	86.7	24.1	41.0		5.5	71.2	13.6	18.5		
	95.4	26.5	38.7		6.6	70.9	14.2	18.5		
NDZ80-65-250/2	100.4	27.9	86.3	2900	3.3	71.8	32.9	37.0	5067619001	6,459.16
	125.5	34.9	81.1		4.5	74.8	37.1	45.0		
	138.1	38.3	75.9		5.1	73.1	39.1	45.0		
NDZ80-65-250A/2	95.7	26.6	78.3	2900	3.2	70.8	28.8	37.0	5067633001	6,459.16
	119.6	33.2	73.7		4.4	73.8	32.6	37.0		
	131.6	36.5	68.9		4.9	72.1	34.3	45.0		
NDZ80-65-250B/2	90.6	25.2	70.2	2900	3.1	69.8	24.8	30.0	5067651001	5,238.52
	113.2	31.4	66.0		4.2	72.8	28.0	37.0		
	124.5	34.6	61.8		4.8	71.1	29.5	37.0		
NDZ80-65-250C/2	85.4	23.7	62.5	2900	3.0	68.8	21.1	30.0	5067666001	4,921.85
	106.8	29.7	58.7		4.0	71.8	23.8	30.0		
	117.5	32.6	55.0		4.6	70.1	25.1	30.0		
NDZ80-65-315/2	76.8	21.3	138.9	2900	6.0	61.0	47.7	55.0	5070949001	10,113.18
	96.0	26.7	135.0		6.7	66.3	53.3	75.0		
	105.6	29.3	122.3		7.2	63.2	55.7	75.0		
NDZ80-65-315A/2	73.0	20.3	125.3	2900	5.8	60.0	41.5	55.0	5070950001	8,510.48
	91.2	25.3	121.9		6.5	65.3	46.4	55.0		
	100.3	27.9	110.4		7.0	62.2	48.5	55.0		
NDZ80-65-315B/2	69.1	19.2	112.5	2900	5.6	59.0	35.9	45.0	5070951001	8,510.48
	86.4	24.0	109.4		6.2	64.3	40.1	55.0		
	95.0	26.4	99.1		6.7	61.2	41.9	55.0		
NDZ80-65-315C/2	65.3	18.1	100.3	2900	5.4	58.0	30.8	45.0	5070952001	6,976.15
	81.6	22.7	97.6		6.0	63.3	34.3	45.0		
	89.8	24.9	88.4		6.5	60.2	35.9	45.0		
NDZ100-80-160/2	119.3	33.1	40.9	2900	6.2	68.1	19.5	30.0	5067680001	4,778.76
	144.4	40.1	38.1		6.6	72.5	20.7	30.0		
	176.6	49.1	34.3		7.3	74.8	22.1	30.0		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ100-80-160A/2	110.8	30.8	35.3	2900	5.9	67.1	15.9	22.0	5067691001	3,920.16
	134.1	37.3	32.9		6.3	71.5	16.8	22.0		
	164.1	45.6	29.6		7.0	73.8	17.9	22.0		
NDZ100-80-160B/2	102.4	28.4	30.1	2900	5.6	66.1	12.7	18.5	5067702001	3,342.19
	123.8	34.4	28.1		6.0	70.5	13.4	18.5		
	151.5	42.1	25.2		6.6	72.8	14.3	18.5		
NDZ100-80-200/2	169.2	47.0	56.2	2900	4.3	77.7	33.4	45.0	5067714001	6,316.41
	211.5	58.8	50.8		5.1	80.2	36.5	45.0		
	232.7	64.6	47.0		6.1	79.4	37.5	45.0		
NDZ100-80-200A/2	160.8	44.7	50.7	2900	4.2	76.7	29.0	37.0	5067730001	5,093.22
	201.0	55.8	45.9		4.9	79.2	31.7	37.0		
	221.1	61.4	42.5		5.9	78.4	32.6	37.0		
NDZ100-80-200B/2	152.4	42.3	45.6	2900	4.0	75.7	25.0	30.0	5067743001	5,093.22
	190.5	52.9	41.2		4.8	78.2	27.4	37.0		
	209.6	58.2	38.1		5.7	77.4	28.1	37.0		
NDZ100-80-200C/2	144.0	40.0	40.7	2900	3.9	74.7	21.4	30.0	5067752001	4,776.55
	180.1	50.0	36.8		4.6	77.2	23.4	30.0		
	198.1	55.0	34.1		5.5	76.4	24.1	30.0		
NDZ100-80-250/2	134.4	37.3	92.3	2900	5.7	73.2	46.2	55.0	5070953001	9,840.76
	168.0	46.7	87.9		6.7	77.8	51.7	75.0		
	184.8	51.3	83.0		7.5	77.4	54.0	75.0		
NDZ100-80-250A/2	127.9	35.5	83.5	2900	5.5	72.2	40.3	55.0	5070954001	8,237.29
	159.9	44.4	79.5		6.5	76.8	45.1	55.0		
	175.8	48.8	75.1		7.3	76.4	47.1	55.0		
NDZ100-80-250B/2	120.9	33.6	74.6	2900	5.3	71.2	34.5	45.0	5070955001	8,237.29
	151.1	42.0	71.0		6.2	75.8	38.6	45.0		
	166.2	46.2	67.1		7.0	75.4	40.3	55.0		
NDZ100-80-250C/2	114.3	31.8	66.8	2900	5.1	70.2	29.6	45.0	5070956001	7,147.51
	142.9	39.7	63.6		6.0	74.8	33.1	45.0		
	157.2	43.7	60.1		6.7	74.4	34.6	45.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ100-80-315/2	112.0	31.1	139.6	2900	6.9	55.6	76.7	90.0	5070957001	18,071.73
	140.0	38.9	133.7		7.0	60.4	84.5	110.0		
	154.0	42.8	121.4		7.2	58.0	87.8	110.0		
NDZ100-80-315A/2	106.6	29.6	126.4	2900	6.7	54.6	67.3	75.0	5070958001	11,195.90
	133.2	37.0	121.0		6.8	59.4	74.0	90.0		
	146.5	40.7	109.9		7.0	57.0	76.9	90.0		
NDZ100-80-315B/2	100.8	28.0	113.0	2900	6.4	53.6	57.9	75.0	5070959001	10,206.87
	126.0	35.0	108.2		6.5	58.4	63.6	75.0		
	138.6	38.5	98.3		6.7	56.0	66.2	75.0		
NDZ100-80-315C/2	95.3	26.5	101.1	2900	6.2	52.6	50.0	75.0	5070960001	10,206.87
	119.1	33.1	96.8		6.3	57.4	54.8	75.0		
	131.1	36.4	87.9		6.5	55.0	57.1	75.0		
NDZ125-100-160/2	194.4	54.0	33.5	2900	2.0	68.1	26.0	30.0	5067766001	5,082.42
	243.0	67.5	28.9		3.8	71.2	26.9	37.0		
	267.3	74.3	26.5		4.7	70.6	27.3	37.0		
NDZ125-100-160A/2	182.7	50.8	29.6	2900	1.9	67.1	21.9	30.0	5067775001	4,765.75
	228.4	63.4	25.5		3.6	70.2	22.7	30.0		
	251.2	69.8	23.4		4.5	69.6	23.0	30.0		
NDZ125-100-160B/2	171.0	47.5	25.9	2900	1.8	66.1	18.3	22.0	5067790001	3,997.09
	213.8	59.4	22.4		3.5	69.2	18.8	22.0		
	235.2	65.3	20.5		4.3	68.6	19.2	22.0		
NDZ125-100-200/2	246.4	68.4	56.0	2900	4.7	78.6	47.8	55.0	5067803001	9,534.85
	308.0	85.6	50.6		5.4	81.4	52.2	75.0		
	336.0	93.3	38.4		5.8	69.6	50.5	75.0		
NDZ125-100-200A/2	234.2	65.1	50.6	2900	4.5	77.6	41.6	55.0	5067820001	7,915.04
	292.7	81.3	45.7		5.2	80.4	45.4	55.0		
	319.4	88.7	34.7		5.6	68.6	44.0	55.0		
NDZ125-100-200B/2	222.0	61.7	45.5	2900	4.4	76.6	35.9	45.0	5067829001	6,404.14
	277.5	77.1	41.1		5.0	79.4	39.1	45.0		
	302.7	84.1	31.2		5.4	67.6	38.0	45.0		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ125-100-200C/2	209.8	58.3	40.6	2900	4.2	75.6	30.7	37.0	5067841001	5,364.55
	262.2	72.8	36.7		4.9	78.4	33.4	37.0		
	286.1	79.5	27.8		5.2	66.6	32.6	37.0		
NDZ125-100-250/2	176.5	49.0	93.2	2900	5.2	69.2	64.8	75.0	5070961001	17,769.16
	251.0	69.7	89.9		5.5	79.2	77.7	90.0		
	300.6	83.5	85.5		5.7	82.0	85.3	110.0		
NDZ125-100-250A/2	168.0	46.7	84.4	2900	5.0	68.2	56.7	75.0	5070962001	10,892.98
	238.8	66.3	81.4		5.3	78.2	67.8	75.0		
	286.1	79.5	77.4		5.5	81.0	74.5	90.0		
NDZ125-100-250B/2	158.8	44.1	75.4	2900	4.8	67.2	48.6	75.0	5070963001	9,904.30
	225.8	62.7	72.8		5.1	77.2	58.0	75.0		
	270.5	75.1	69.2		5.3	80.0	63.7	75.0		
NDZ125-100-250C/2	150.3	41.7	67.5	2900	4.7	66.2	41.8	55.0	5070964001	9,904.30
	213.6	59.3	65.2		4.9	76.2	49.8	75.0		
	255.9	71.1	61.9		5.1	79.0	54.6	75.0		
NDZ125-100-315/2	208.8	58.0	125.3	2900	5.8	69.9	102.0	110.0	5070965001	19,229.88
	261.0	72.5	116.9		6.7	72.6	114.6	132.0		
	287.1	79.8	111.7		7.5	72.5	120.6	132.0		
NDZ125-100-315A/2	198.2	55.1	112.9	2900	5.6	68.9	88.6	110.0	5070966001	19,229.88
	247.8	68.8	105.4		6.5	71.6	99.4	110.0		
	272.6	75.7	100.7		7.2	71.5	104.7	132.0		
NDZ125-100-315B/2	187.7	52.1	101.2	2900	5.4	67.9	76.3	90.0	5070967001	18,443.42
	234.6	65.2	94.5		6.2	70.6	85.6	110.0		
	258.0	71.7	90.2		7.0	70.5	90.1	110.0		
NDZ125-100-315C/2	177.7	49.4	90.8	2900	5.2	66.9	65.8	90.0	5070968001	11,927.39
	222.2	61.7	84.7		6.0	69.6	73.7	90.0		
	244.4	67.9	80.9		6.7	69.5	77.6	90.0		
NDZ150-125-200/2	270.0	75.0	52.9	2900	5.7	62.0	62.7	75.0	5070969001	9,832.55
	360.0	100.0	47.9		6.1	71.1	66.1	75.0		
	414.0	115.0	43.1		6.4	72.9	66.7	75.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ150-125-200A/2	254.2	70.6	46.9	2900	5.5	61.0	53.2	75.0	5070970001	9,832.55
	338.9	94.1	42.5		5.9	70.1	55.9	75.0		
	389.8	108.3	38.2		6.1	71.9	56.5	75.0		
NDZ150-125-200B/2	237.1	65.9	40.8	2900	5.0	60.0	43.9	55.0	5070971001	8,539.47
	316.2	87.8	37.0		5.4	69.1	46.1	55.0		
	363.7	101.0	33.3		5.6	70.9	46.5	55.0		
NDZ150-125-250/2	335.4	93.2	85.5	2900	6.4	72.7	107.5	132.0	5070972001	19,542.48
	409.9	113.9	79.7		6.5	74.2	120.0	132.0		
	454.1	126.1	73.0		6.6	71.4	126.5	160.0		
NDZ150-125-250A/2	319.3	88.7	81.3	2900	6.2	71.7	98.7	110.0	5070973001	18,984.57
	390.2	108.4	75.8		6.3	73.2	110.2	132.0		
	432.2	120.1	69.5		6.4	70.4	116.3	132.0		
NDZ150-125-250B/2	301.9	83.9	72.7	2900	6.0	70.7	84.6	110.0	5070869001	18,198.45
	368.9	102.5	67.8		6.1	72.2	94.5	110.0		
	408.7	113.5	62.1		6.2	69.4	99.7	110.0		
NDZ150-125-250C/2	285.8	79.4	65.2	2900	5.8	72.8	69.7	90.0	5070870001	11,100.00
	349.2	97.0	60.7		5.9	81.2	71.2	90.0		
	386.8	107.5	55.6		5.9	85.8	68.4	90.0		
NDZ150-125-315/2	325.4	90.4	141.3	2900	7.5	69.0	181.5	220.0	5070871001	31,692.87
	474.6	131.8	130.8		7.9	76.0	222.7	250.0		
	507.8	141.1	127.8		8.5	77.2	229.2	250.0		
NDZ150-125-315A/2	309.1	85.9	127.5	2900	7.2	68.0	157.8	185.0	5070872001	29,409.22
	450.8	125.2	118.0		7.6	75.0	193.3	220.0		
	482.2	134.0	115.3		8.2	76.2	198.9	220.0		
NDZ150-125-315B/2	292.7	81.3	114.3	2900	6.9	67.0	136.0	160.0	5070873001	21,588.61
	426.9	118.6	105.8		7.4	74.0	166.4	200.0		
	456.7	126.9	103.4		7.9	75.2	171.2	200.0		
NDZ150-125-315C/2	276.3	76.8	101.9	2900	6.7	66.0	116.2	132.0	5070874001	20,029.00
	403.0	111.9	94.3		7.1	73.0	141.9	160.0		
	431.2	119.8	92.1		7.6	74.2	146.0	160.0		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDZ40-25-160/4	2.8	0.8	8.0	1450	2.0	34.6	0.2	0.55	5067854001	1,021.02
	3.5	1.0	6.9		2.2	35.1	0.2	0.55		
	4.2	1.2	4.7		2.3	28.1	0.2	0.55		
NDZ40-25-160A/4	2.5	0.7	6.5	1450	1.8	33.6	0.1	0.55	5067864001	1,021.02
	3.1	0.9	5.5		2.0	34.1	0.1	0.55		
	3.8	1.0	3.8		2.1	27.1	0.1	0.55		
NDZ40-25-160B/4	2.2	0.6	5.2	1450	1.6	32.6	0.1	0.55	5067875001	1,021.02
	2.8	0.8	4.4		1.7	33.1	0.1	0.55		
	3.4	0.9	3.0		1.9	26.1	0.1	0.55		
NDZ40-25-200/4	3.0	0.8	13.3	1450	1.7	27.6	0.4	0.55	5067890001	1,131.05
	3.7	1.0	12.7		1.8	31.0	0.4	0.55		
	4.5	1.3	10.9		1.9	29.6	0.4	0.55		
NDZ40-25-200A/4	2.8	0.8	12.1	1450	1.7	26.6	0.3	0.55	5067904001	1,131.05
	3.5	1.0	11.5		1.8	30.0	0.4	0.55		
	4.3	1.2	9.8		1.9	28.6	0.4	0.55		
NDZ40-25-200B/4	2.7	0.7	10.8	1450	1.6	27.5	0.3	0.55	5067913001	1,131.05
	3.3	0.9	10.3		1.7	30.9	0.3	0.55		
	4.1	1.1	8.8		1.8	29.5	0.3	0.55		
NDZ40-25-200C/4	2.5	0.7	9.6	1450	1.6	27.5	0.2	0.55		
	3.1	0.9	9.1		1.6	30.9	0.3	0.55		
	3.8	1.1	7.8		1.7	29.5	0.3	0.55		
NDZ40-32-125/4	6.2	1.7	5.6	1450	0.4	58.0	0.2	0.55	5067927001	971.23
	7.8	2.2	5.1		0.5	59.9	0.2	0.55		
	8.6	2.4	4.7		0.5	57.8	0.2	0.55		
NDZ40-32-125A/4	5.6	1.6	4.6	1450	0.4	57.0	0.1	0.55	5067937001	971.23
	7.0	2.0	4.2		0.4	58.9	0.1	0.55		
	7.8	2.2	3.9		0.4	56.8	0.1	0.55		
NDZ40-32-125B/4	5.0	1.4	3.6	1450	0.4	56.0	0.1	0.55	5067950001	971.23
	6.2	1.7	3.3		0.4	57.9	0.1	0.55		
	6.9	1.9	3.0		0.4	55.8	0.1	0.55		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDZ40-32-160/4	4.8	1.3	7.2	1450	1.2	39.3	0.2	0.55	5067961001	1,056.71
	6.0	1.7	6.5		1.3	40.3	0.3	0.55		
	6.6	1.8	6.0		1.4	38.9	0.3	0.55		
NDZ40-32-160A/4	4.4	1.2	6.2	1450	1.1	38.3	0.2	0.55	5067974001	1,056.71
	5.5	1.5	5.5		1.3	39.3	0.2	0.55		
	6.1	1.7	5.1		1.3	37.9	0.2	0.55		
NDZ40-32-160B/4	4.0	1.1	5.1	1450	1.0	37.3	0.2	0.55	5067986001	1,056.71
	5.0	1.4	4.6		1.2	38.3	0.2	0.55		
	5.5	1.5	4.2		1.2	36.9	0.2	0.55		
NDZ40-32-200/4	8.0	2.2	12.4	1450	1.5	33.0	0.8	1.1	5067998001	1,255.92
	10.0	2.8	11.3		1.8	35.0	0.9	1.1		
	11.0	3.1	10.4		2.0	34.9	0.9	1.1		
NDZ40-32-200A/4	7.6	2.1	11.2	1450	1.4	32.0	0.7	1.1	5068010001	1,255.92
	9.5	2.6	10.2		1.7	34.0	0.8	1.1		
	10.5	2.9	9.4		1.9	33.9	0.8	1.1		
NDZ40-32-200B/4	7.2	2.0	10.1	1450	1.4	31.0	0.6	0.75	5068021001	1,255.92
	9.0	2.5	9.2		1.7	33.0	0.7	1.1		
	9.9	2.8	8.5		1.8	32.9	0.7	1.1		
NDZ40-32-200C/4	6.8	1.9	8.9	1450	1.3	30.0	0.6	0.75	5068031001	1,158.54
	8.5	2.4	8.1		1.6	32.0	0.6	0.75		
	9.3	2.6	7.5		1.7	31.9	0.6	0.75		
NDZ40-32-250/4	6.0	1.7	19.9	1450	1.9	31.1	1.0	1.5	5068041001	1,420.23
	7.5	2.1	18.4		1.9	33.8	1.1	1.5		
	8.5	2.4	15.4		1.9	29.9	1.2	1.5		
NDZ40-32-250A/4	5.7	1.6	18.0	1450	1.8	30.1	0.9	1.5	5068051001	1,420.23
	7.1	2.0	16.7		1.8	32.8	1.0	1.5		
	8.1	2.2	13.9		1.8	28.9	1.1	1.5		
NDZ40-32-250B/4	5.4	1.5	16.1	1450	1.7	29.1	0.8	1.1	5068062001	1,420.23
	6.8	1.9	14.9		1.7	31.8	0.9	1.5		
	7.6	2.1	12.4		1.8	27.9	0.9	1.5		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ40-32-250C/4	5.1	1.4	14.4	1450	1.7	28.1	0.7	1.1	5068073001	1,399.79
	6.4	1.8	13.3		1.7	30.8	0.8	1.1		
	7.2	2.0	11.1		1.7	26.9	0.8	1.1		
NDZ50-32-125/4	11.7	3.2	4.3	1450	0.4	53.9	0.3	0.55	5068084001	980.87
	13.2	3.7	4.0		0.4	54.6	0.3	0.55		
	14.8	4.1	3.6		0.5	54.4	0.3	0.55		
NDZ50-32-125A/4	10.6	2.9	3.5	1450	0.4	52.9	0.2	0.55	5068092001	980.87
	12.0	3.3	3.3		0.4	53.6	0.2	0.55		
	13.5	3.7	3.0		0.4	53.4	0.2	0.55		
NDZ50-32-125B/4	9.6	2.7	2.9	1450	0.4	51.9	0.1	0.55	5068100001	980.87
	10.8	3.0	2.7		0.4	52.6	0.1	0.55		
	12.2	3.4	2.4		0.4	52.4	0.2	0.55		
NDZ50-32-160/4	15.6	4.3	8.1	1450	0.9	68.8	0.5	0.75	5068117001	1,079.37
	17.7	4.9	7.7		0.9	70.2	0.5	0.75		
	19.0	5.3	7.3		0.9	69.5	0.5	0.75		
NDZ50-32-160A/4	14.4	4.0	6.8	1450	0.8	67.8	0.4	0.55	5068131001	1,058.92
	16.2	4.5	6.5		0.9	69.2	0.4	0.55		
	17.5	4.9	6.2		0.9	68.5	0.4	0.55		
NDZ50-32-160B/4	13.2	3.7	5.8	1450	0.8	66.8	0.3	0.55	5068143001	1,058.92
	14.9	4.1	5.5		0.8	68.2	0.3	0.55		
	16.0	4.5	5.2		0.8	67.5	0.3	0.55		
NDZ50-32-200/4	13.6	3.8	13.4	1450	1.0	60.0	0.8	1.1	5068151001	1,277.87
	16.3	4.5	12.8		1.2	63.0	0.9	1.5		
	17.8	5.0	12.0		1.4	62.1	0.9	1.5		
NDZ50-32-200A/4	13.0	3.6	12.1	1450	0.9	59.0	0.7	1.1	5068165001	1,257.04
	15.5	4.3	11.6		1.2	62.0	0.8	1.1		
	17.0	4.7	10.9		1.4	61.1	0.8	1.1		
NDZ50-32-200B/4	12.3	3.4	10.8	1450	0.9	58.0	0.6	1.1	5068173001	1,257.04
	14.7	4.1	10.3		1.1	61.0	0.7	1.1		
	16.0	4.5	9.7		1.3	60.1	0.7	1.1		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ50-32-200C/4	11.6	3.2	9.7	1450	0.9	57.0	0.5	0.75	5068182001	1,160.05
	13.9	3.9	9.2		1.1	60.0	0.6	0.75		
	15.2	4.2	8.7		1.3	59.1	0.6	0.75		
NDZ50-32-250/4	11.6	3.2	19.3	1450	1.8	36.9	1.7	2.2	5068191001	1,657.72
	14.5	4.0	17.5		1.8	39.1	1.8	3.0		
	16.0	4.4	14.5		1.9	34.2	1.8	3.0		
NDZ50-32-250A/4	11.0	3.1	17.3	1450	1.7	35.9	1.4	2.2	5068198001	1,602.70
	13.8	3.8	15.7		1.8	38.1	1.5	2.2		
	15.1	4.2	13.1		1.8	33.2	1.6	2.2		
NDZ50-32-250B/4	10.5	2.9	15.7	1450	1.7	34.9	1.3	2.2	5068202001	1,602.70
	13.1	3.6	14.2		1.7	37.1	1.4	2.2		
	14.4	4.0	11.8		1.7	32.2	1.4	2.2		
NDZ50-32-250C/4	9.9	2.7	13.9	1450	1.6	33.9	1.1	2.2	5068206001	1,602.70
	12.3	3.4	12.6		1.6	36.1	1.2	2.2		
	13.6	3.8	10.5		1.7	31.2	1.2	2.2		
NDZ65-40-125/4	12.1	3.4	5.8	1450	1.1	64.3	0.3	0.55	5068213001	996.86
	17.1	4.8	5.3		1.2	69.9	0.4	0.55		
	19.2	5.3	5.0		1.3	70.2	0.4	0.55		
NDZ65-40-125A/4	11.2	3.1	4.9	1450	1.0	63.3	0.2	0.55	5068220001	996.86
	15.8	4.4	4.5		1.2	68.9	0.3	0.55		
	17.6	4.9	4.2		1.2	69.2	0.3	0.55		
NDZ65-40-125B/4	10.2	2.8	4.1	1450	1.0	62.3	0.2	0.55	5067368001	996.86
	14.4	4.0	3.8		1.1	67.9	0.2	0.55		
	16.1	4.5	3.5		1.1	68.2	0.2	0.55		
NDZ65-40-160/4	18.9	5.3	8.6	1450	1.0	65.8	0.7	1.1	5067372001	1,186.42
	21.6	6.0	8.2		1.1	67.1	0.7	1.1		
	22.7	6.3	8.0		1.1	67.4	0.7	1.1		
NDZ65-40-160A/4	17.4	4.8	7.3	1450	0.9	64.8	0.5	0.75	5067384001	1,088.31
	19.8	5.5	6.9		1.0	66.1	0.6	0.75		
	20.8	5.8	6.7		1.0	66.4	0.6	0.75		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDZ65-40-160B/4	15.8	4.4	6.0	1450	0.8	63.8	0.4	0.55	5067396001	1,067.86
	18.1	5.0	5.7		1.0	65.1	0.4	0.55		
	19.0	5.3	5.6		1.0	65.4	0.4	0.55		
NDZ65-40-200/4	21.2	5.9	12.9	1450	1.0	65.3	1.1	1.5	5067406001	1,472.62
	26.5	7.4	11.8		1.2	66.4	1.3	2.2		
	29.2	8.1	11.1		1.3	66.1	1.3	2.2		
NDZ65-40-200A/4	20.2	5.6	11.7	1450	0.9	64.3	1.0	1.5	5067415001	1,314.30
	25.2	7.0	10.7		1.1	65.4	1.1	1.5		
	27.7	7.7	10.1		1.2	65.1	1.2	1.5		
NDZ65-40-200B/4	19.1	5.3	10.4	1450	0.9	63.3	0.9	1.5	5067426001	1,314.30
	23.8	6.6	9.5		1.1	64.4	1.0	1.5		
	26.2	7.3	9.0		1.2	64.1	1.0	1.5		
NDZ65-40-200C/4	18.0	5.0	9.3	1450	0.9	62.3	0.7	1.5	5067437001	1,314.30
	22.6	6.3	8.6		1.0	63.4	0.8	1.5		
	24.8	6.9	8.0		1.1	63.1	0.9	1.5		
NDZ65-40-250/4	23.6	6.6	19.5	1450	0.8	60.9	2.1	3.0	5067448001	1,672.20
	29.5	8.2	17.9		1.1	62.7	2.3	3.0		
	32.5	9.0	16.5		1.3	62.0	2.4	3.0		
NDZ65-40-250A/4	22.4	6.2	17.6	1450	0.7	59.9	1.8	2.2	5067461001	1,672.20
	28.0	7.8	16.1		1.0	61.7	2.0	3.0		
	30.8	8.6	14.9		1.2	61.0	2.0	3.0		
NDZ65-40-250B/4	21.3	5.9	15.9	1450	0.7	58.9	1.6	2.2	5067473001	1,617.22
	26.6	7.4	14.5		1.0	60.7	1.7	2.2		
	29.3	8.1	13.4		1.2	60.0	1.8	2.2		
NDZ65-40-250C/4	20.1	5.6	14.1	1450	0.7	57.9	1.3	2.2	5067480001	1,617.22
	25.1	7.0	12.9		0.9	59.7	1.5	2.2		
	27.6	7.7	11.9		1.1	59.0	1.5	2.2		
NDZ65-40-315/4	16.7	4.7	31.8	1450	1.3	37.5	3.9	5.5	5070875001	3,067.15
	24.8	6.9	28.8		1.7	43.6	4.5	5.5		
	29.1	8.1	23.5		1.9	39.2	4.8	7.5		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDZ65-40-315A/4	15.9	4.4	28.7	1450	1.3	36.5	3.4	5.5	5070876001	2,936.32
	23.6	6.5	26.0		1.6	42.6	3.9	5.5		
	27.6	7.7	21.3		1.8	38.2	4.2	5.5		
NDZ65-40-315B/4	15.0	4.2	25.7	1450	1.2	35.5	3.0	4.0	5070877001	2,936.32
	22.3	6.2	23.2		1.6	41.6	3.4	5.5		
	26.1	7.3	19.0		1.7	37.2	3.6	5.5		
NDZ65-40-315C/4	14.2	4.0	22.9	1450	1.2	34.5	2.6	4.0	5070878001	2,576.17
	21.0	5.8	20.8		1.5	40.6	2.9	4.0		
	24.7	6.9	17.0		1.7	36.2	3.2	4.0		
NDZ65-50-125/4	23.2	6.4	6.0	1450	0.7	66.3	0.6	1.1	5067489001	1,157.80
	29.0	8.1	5.4		0.8	68.2	0.6	1.1		
	31.9	8.9	5.0		0.8	67.0	0.7	1.1		
NDZ65-50-125A/4	21.6	6.0	5.2	1450	0.6	65.3	0.5	0.75	5067502001	1,060.04
	27.0	7.5	4.7		0.7	67.2	0.5	0.75		
	29.7	8.2	4.3		0.8	66.0	0.5	0.75		
NDZ65-50-125B/4	20.0	5.5	4.4	1450	0.6	64.3	0.4	0.55	5067513001	1,039.60
	24.9	6.9	4.0		0.7	66.2	0.4	0.55		
	27.4	7.6	3.7		0.7	65.0	0.4	0.55		
NDZ65-50-160/4	14.7	4.1	9.9	1450	0.9	58.3	0.7	1.1	5067524001	1,231.02
	20.2	5.6	9.8		1.1	67.5	0.8	1.1		
	24.6	6.8	9.6		1.2	73.0	0.9	1.1		
NDZ65-50-160A/4	13.5	3.7	8.4	1450	0.9	57.3	0.5	0.75	5067538001	1,231.02
	18.5	5.1	8.3		1.0	66.5	0.6	1.1		
	22.6	6.3	8.1		1.2	72.0	0.7	1.1		
NDZ65-50-160B/4	12.3	3.4	7.0	1450	0.8	56.3	0.4	0.75	5067550001	1,135.12
	16.9	4.7	6.9		1.0	65.5	0.5	0.75		
	20.6	5.7	6.8		1.1	71.0	0.5	0.75		
NDZ65-50-200/4	19.5	5.4	14.5	1450	0.7	64.0	1.2	1.5	5067565001	1,503.86
	29.6	8.2	13.6		0.9	71.2	1.5	2.2		
	33.8	9.4	13.2		1.0	73.2	1.7	2.2		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDZ65-50-200A/4	18.6	5.2	13.2	1450	0.7	63.0	1.1	1.5	5067579001	1,503.86
	28.2	7.8	12.4		0.8	70.2	1.4	2.2		
	32.2	8.9	12.0		1.0	72.2	1.5	2.2		
NDZ65-50-200B/4	17.6	4.9	11.8	1450	0.7	62.0	0.9	1.5	5067593001	1,345.51
	26.7	7.4	11.1		0.8	69.2	1.2	1.5		
	30.4	8.5	10.7		0.9	71.2	1.2	1.5		
NDZ65-50-200C/4	16.7	4.6	10.6	1450	0.7	61.0	0.8	1.5	5067607001	1,345.51
	25.3	7.0	9.9		0.8	68.2	1.0	1.5		
	28.8	8.0	9.6		0.9	70.2	1.1	1.5		
NDZ65-50-250/4	24.0	6.7	22.1	1450	1.3	56.1	2.6	4.0	5067624001	2,025.69
	32.0	8.9	21.5		1.7	63.2	3.0	4.0		
	40.0	11.1	19.9		1.9	66.2	3.3	4.0		
NDZ65-50-250A/4	22.8	6.3	19.9	1450	1.2	55.1	2.2	3.0	5067634001	2,025.69
	30.4	8.4	19.4		1.6	62.2	2.6	4.0		
	38.0	10.6	18.0		1.8	65.2	2.9	4.0		
NDZ65-50-250B/4	21.6	6.0	17.9	1450	1.2	54.1	1.9	3.0	5067648001	1,952.47
	28.8	8.0	17.4		1.5	61.2	2.2	3.0		
	36.0	10.0	16.1		1.7	64.2	2.5	3.0		
NDZ65-50-250C/4	20.4	5.7	16.0	1450	1.1	53.1	1.7	3.0	5067663001	1,952.47
	27.2	7.6	15.5		1.5	60.2	1.9	3.0		
	34.0	9.4	14.4		1.7	63.2	2.1	3.0		
NDZ65-50-315/4	28.5	7.9	34.1	1450	1.6	56.2	4.7	5.5	5070879001	3,080.15
	36.7	10.2	32.6		1.8	60.7	5.4	7.5		
	39.6	11.0	31.9		1.8	61.9	5.6	7.5		
NDZ65-50-315A/4	27.1	7.5	30.9	1450	1.5	55.2	4.1	5.5	5070880001	3,080.15
	34.9	9.7	29.4		1.7	59.7	4.7	5.5		
	37.6	10.5	28.9		1.7	60.9	4.9	7.5		
NDZ65-50-315B/4	25.7	7.1	27.7	1450	1.5	54.2	3.6	5.5	5070881001	2,948.59
	33.1	9.2	26.4		1.6	58.7	4.1	5.5		
	35.7	9.9	25.9		1.7	59.9	4.2	5.5		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power	Motor Power		
							kW	kW		€
NDZ65-50-315C/4	24.2	6.7	24.6	1450	1.4	53.2	3.0	5.5	5070882001	2,948.59
	31.1	8.6	23.4		1.6	57.7	3.5	5.5		
	33.6	9.3	23.0		1.6	58.9	3.6	5.5		
NDZ80-65-125/4	28.4	7.9	6.2	1450	1.2	62.9	0.8	1.1	5067675001	1,273.03
	38.1	10.6	5.9		1.3	71.9	0.9	1.1		
	42.4	11.8	5.8		1.5	75.1	0.9	1.1		
NDZ80-65-125A/4	26.6	7.4	5.4	1450	1.1	61.9	0.6	1.1	5067689001	1,273.03
	35.7	9.9	5.2		1.2	70.9	0.7	1.1		
	39.7	11.0	5.1		1.4	74.1	0.7	1.1		
NDZ80-65-125B/4	25.0	7.0	4.8	1450	1.1	60.9	0.5	0.75	5067708001	1,217.66
	33.6	9.3	4.6		1.2	69.9	0.6	0.75		
	37.3	10.4	4.5		1.3	73.1	0.6	0.75		
NDZ80-65-160/4	33.5	9.3	9.6	1450	1.0	68.5	1.3	2.2	5067719001	1,503.09
	44.2	12.3	9.2		1.3	75.7	1.5	2.2		
	48.9	13.6	9.0		1.5	77.7	1.5	2.2		
NDZ80-65-160A/4	30.8	8.6	8.1	1450	1.0	67.5	1.0	1.5	5067733001	1,349.22
	40.7	11.3	7.8		1.2	74.7	1.2	1.5		
	44.9	12.5	7.6		1.4	76.7	1.2	1.5		
NDZ80-65-160B/4	28.1	7.8	6.7	1450	0.9	66.5	0.8	1.5	5067745001	1,349.22
	37.1	10.3	6.5		1.2	73.7	0.9	1.5		
	41.0	11.4	6.3		1.3	75.7	0.9	1.5		
NDZ80-65-200/4	40.8	11.3	14.9	1450	0.9	69.5	2.4	3.0	5067758001	1,890.41
	51.0	14.2	14.2		1.5	74.0	2.7	4.0		
	56.1	15.6	13.4		1.9	73.7	2.8	4.0		
NDZ80-65-200A/4	38.8	10.8	13.4	1450	0.8	68.5	2.1	3.0	5067770001	1,817.16
	48.5	13.5	12.8		1.5	73.0	2.3	3.0		
	53.3	14.8	12.1		1.8	72.7	2.4	3.0		
NDZ80-65-200B/4	36.7	10.2	12.1	1450	0.8	67.5	1.8	2.2	5067780001	1,817.16
	45.9	12.8	11.5		1.4	72.0	2.0	3.0		
	50.5	14.0	10.8		1.7	71.7	2.1	3.0		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ80-65-200C/4	34.7	9.6	10.8	1450	0.8	66.5	1.5	2.2	5067799001	1,761.79
	43.4	12.0	10.2		1.4	71.0	1.7	2.2		
	47.7	13.2	9.7		1.7	70.7	1.8	2.2		
NDZ80-65-250/4	50.2	13.9	21.6	1450	0.8	71.6	4.1	5.5	5067813001	2,642.69
	62.8	17.4	20.3		1.1	74.5	4.7	7.5		
	69.0	19.2	19.0		1.3	72.9	4.9	7.5		
NDZ80-65-250A/4	47.8	13.3	19.6	1450	0.8	70.6	3.6	5.5	5067826001	2,511.48
	59.8	16.6	18.4		1.1	73.5	4.1	5.5		
	65.8	18.3	17.2		1.2	71.9	4.3	5.5		
NDZ80-65-250B/4	45.3	12.6	17.5	1450	0.8	69.6	3.1	4.0	5067840001	2,511.48
	56.6	15.7	16.5		1.1	72.5	3.5	5.5		
	62.3	17.3	15.4		1.2	70.9	3.7	5.5		
NDZ80-65-250C/4	42.7	11.9	15.6	1450	0.7	68.6	2.6	4.0	5067852001	2,205.57
	53.4	14.8	14.7		1.0	71.5	3.0	4.0		
	58.7	16.3	13.7		1.1	69.9	3.1	4.0		
NDZ80-65-315/4	38.4	10.7	34.7	1450	1.5	60.8	6.0	7.5	5070883001	3,856.24
	48.0	13.3	33.8		1.7	66.1	6.7	11.0		
	52.8	14.7	30.6		1.8	63.0	7.0	11.0		
NDZ80-65-315A/4	36.5	10.1	31.3	1450	1.4	59.8	5.2	7.5	5070884001	3,183.49
	45.6	12.7	30.5		1.6	65.1	5.8	7.5		
	50.2	13.9	27.6		1.7	62.0	6.1	7.5		
NDZ80-65-315B/4	34.6	9.6	28.1	1450	1.4	58.8	4.5	5.5	5070885001	3,183.49
	43.2	12.0	27.3		1.6	64.1	5.0	7.5		
	47.5	13.2	24.8		1.7	61.0	5.3	7.5		
NDZ80-65-315C/4	32.6	9.1	25.1	1450	1.3	57.8	3.9	5.5	5070886001	3,051.93
	40.8	11.3	24.4		1.5	63.1	4.3	5.5		
	44.9	12.5	22.1		1.6	60.0	4.5	5.5		
NDZ100-80-160/4	59.7	16.6	10.2	1450	1.6	67.9	2.4	3.0	5067866001	1,851.73
	72.2	20.1	9.5		1.7	72.3	2.6	4.0		
	88.3	24.5	8.6		1.8	74.6	2.8	4.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ100-80-160A/4	55.4	15.4	8.8	1450	1.5	66.9	2.0	3.0	5067876001	1,778.90
	67.1	18.6	8.2		1.6	71.3	2.1	3.0		
	82.0	22.8	7.4		1.7	73.6	2.2	3.0		
NDZ100-80-160B/4	51.2	14.2	7.5	1450	1.4	65.9	1.6	2.2	5067891001	1,723.50
	61.9	17.2	7.0		1.5	70.3	1.7	2.2		
	75.8	21.0	6.3		1.6	72.6	1.8	2.2		
NDZ100-80-200/4	84.6	23.5	14.0	1450	1.1	77.4	4.2	5.5	5067902001	2,352.04
	105.8	29.4	12.7		1.3	80.0	4.6	5.5		
	116.3	32.3	11.8		1.5	79.2	4.7	5.5		
NDZ100-80-200A/4	80.4	22.3	12.7	1450	1.0	76.4	3.6	5.5	5067912001	2,352.04
	100.5	27.9	11.5		1.2	79.0	4.0	5.5		
	110.6	30.7	10.6		1.5	78.2	4.1	5.5		
NDZ100-80-200B/4	76.2	21.2	11.4	1450	1.0	75.4	3.1	4.0	5067921001	2,352.04
	95.3	26.5	10.3		1.2	78.0	3.4	5.5		
	104.8	29.1	9.5		1.4	77.2	3.5	5.5		
NDZ100-80-200C/4	72.0	20.0	10.2	1450	1.0	74.4	2.7	4.0	5067933001	1,985.19
	90.0	25.0	9.2		1.1	77.0	2.9	4.0		
	99.0	27.5	8.5		1.4	76.2	3.0	4.0		
NDZ100-80-250/4	67.2	18.7	23.1	1450	1.4	73.0	5.8	7.5	5070887001	3,569.31
	84.0	23.3	22.0		1.7	77.5	6.5	11.0		
	92.4	25.7	20.8		1.9	77.2	6.8	11.0		
NDZ100-80-250A/4	63.9	17.8	20.9	1450	1.4	72.0	5.1	7.5	5070888001	2,896.56
	79.9	22.2	19.9		1.6	76.5	5.7	7.5		
	87.9	24.4	18.8		1.8	76.2	5.9	7.5		
NDZ100-80-250B/4	60.4	16.8	18.7	1450	1.3	71.0	4.3	5.5	5070889001	2,896.56
	75.5	21.0	17.8		1.6	75.5	4.8	7.5		
	83.1	23.1	16.8		1.7	75.2	5.1	7.5		
NDZ100-80-250C/4	57.2	15.9	16.7	1450	1.3	70.0	3.7	5.5	5070890001	2,764.96
	71.5	19.9	15.9		1.5	74.5	4.2	5.5		
	78.6	21.8	15.0		1.7	74.2	4.3	5.5		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ100-80-315/4	56.0	15.6	34.9	1450	1.7	55.4	9.6	15.0	5070891001	4,220.11
	70.0	19.4	33.4		1.8	60.2	10.6	15.0		
	77.0	21.4	30.4		1.8	57.9	11.0	15.0		
NDZ100-80-315A/4	53.3	14.8	31.6	1450	1.7	54.4	8.4	11.0	5070892001	4,220.11
	66.6	18.5	30.3		1.7	59.2	9.3	11.0		
	73.3	20.3	27.5		1.7	56.9	9.6	15.0		
NDZ100-80-315B/4	50.4	14.0	28.3	1450	1.6	53.4	7.3	11.0	5070893001	3,964.41
	63.0	17.5	27.1		1.6	58.2	8.0	11.0		
	69.3	19.2	24.6		1.7	55.9	8.3	11.0		
NDZ100-80-315C/4	47.7	13.2	25.3	1450	1.5	52.4	6.3	11.0	5070894001	3,964.41
	59.6	16.5	24.2		1.6	57.2	6.9	11.0		
	65.5	18.2	22.0		1.6	54.9	7.2	11.0		
NDZ100-80-400/4	105.6	29.3	52.1	1450	3.3	70.9	21.1	30.0	5070895001	6,244.32
	132.0	36.7	48.0		3.5	72.9	23.7	30.0		
	145.2	40.3	45.8		3.8	72.6	25.0	30.0		
NDZ100-80-400A/4	100.6	28.0	47.3	1450	3.2	69.9	18.6	22.0	5070896001	6,244.32
	125.8	34.9	43.6		3.4	71.9	20.8	30.0		
	138.4	38.4	41.6		3.7	71.6	21.9	30.0		
NDZ100-80-400B/4	95.4	26.5	42.5	1450	3.1	68.9	16.0	22.0	5070897001	6,244.32
	119.3	33.1	39.2		3.3	70.9	18.0	22.0		
	131.2	36.4	37.4		3.6	70.6	18.9	30.0		
NDZ100-80-400C/4	90.2	25.0	38.0	1450	3.0	67.9	13.7	18.5	5070898001	5,453.75
	112.7	31.3	35.0		3.2	69.9	15.4	18.5		
	124.0	34.4	33.4		3.4	69.6	16.2	22.0		
NDZ125-100-160/4	97.2	27.0	8.4	1450	0.5	68.0	3.3	4.0	5067941001	2,355.02
	121.5	33.8	7.2		1.0	71.0	3.4	5.5		
	133.7	37.1	6.6		1.2	70.4	3.4	5.5		
NDZ125-100-160A/4	91.4	25.4	7.4	1450	0.5	67.0	2.8	4.0	5067956001	2,049.11
	114.2	31.7	6.4		0.9	70.0	2.8	4.0		
	125.6	34.9	5.9		1.1	69.4	2.9	4.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ125-100-160B/4	85.5	23.8	6.5	1450	0.5	66.0	2.3	3.0	5067969001	1,913.45
	106.9	29.7	5.6		0.9	69.0	2.4	3.0		
	117.6	32.7	5.1		1.1	68.4	2.4	3.0		
NDZ125-100-200/4	123.2	34.2	14.0	1450	1.2	78.4	6.0	7.5	5067980001	3,329.57
	154.0	42.8	12.7		1.4	81.2	6.5	11.0		
	168.0	46.7	9.6		1.5	69.4	6.3	11.0		
NDZ125-100-200A/4	117.1	32.5	12.6	1450	1.1	77.4	5.2	7.5	5067997001	2,587.67
	146.4	40.7	11.4		1.3	80.2	5.7	7.5		
	159.7	44.4	8.7		1.4	68.4	5.5	7.5		
NDZ125-100-200B/4	111.0	30.8	11.4	1450	1.1	76.4	4.5	5.5	5068009001	2,587.67
	138.7	38.5	10.3		1.3	79.2	4.9	7.5		
	151.4	42.0	7.8		1.4	67.4	4.8	7.5		
NDZ125-100-200C/4	104.9	29.1	10.1	1450	1.1	75.4	3.8	5.5	5068019001	2,456.46
	131.1	36.4	9.2		1.2	78.2	4.2	5.5		
	143.0	39.7	7.0		1.3	66.4	4.1	5.5		
NDZ125-100-250/4	88.3	24.5	23.3	1450	1.3	69.0	8.1	11.0	5070899001	3,903.09
	125.5	34.9	22.5		1.4	79.0	9.7	15.0		
	150.3	41.8	21.4		1.4	81.8	10.7	15.0		
NDZ125-100-250A/4	84.0	23.3	21.1	1450	1.3	68.0	7.1	11.0	5070900001	3,903.09
	119.4	33.2	20.4		1.3	78.0	8.5	11.0		
	143.1	39.7	19.3		1.4	80.8	9.3	15.0		
NDZ125-100-250B/4	79.4	22.1	18.9	1450	1.2	67.0	6.1	11.0	5070901001	3,647.36
	112.9	31.4	18.2		1.3	77.0	7.3	11.0		
	135.2	37.6	17.3		1.3	79.8	8.0	11.0		
NDZ125-100-250C/4	75.1	20.9	16.9	1450	1.2	66.0	5.2	11.0	5070902001	3,647.36
	106.8	29.7	16.3		1.2	76.0	6.2	11.0		
	128.0	35.5	15.5		1.3	78.8	6.8	11.0		
NDZ125-100-315/4	104.4	29.0	31.3	1450	1.5	69.7	12.8	15.0	5070903001	5,042.30
	130.5	36.3	29.2		1.7	72.4	14.4	18.5		
	143.6	39.9	27.9		1.9	72.3	15.1	18.5		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ125-100-315A/4	99.1	27.5	28.2	1450	1.4	68.7	11.1	15.0	5070864001	5,042.30
	123.9	34.4	26.4		1.6	71.4	12.5	15.0		
	136.3	37.9	25.2		1.8	71.3	13.1	18.5		
NDZ125-100-315B/4	93.8	26.1	25.3	1450	1.4	67.7	9.6	15.0	5070865001	4,556.48
	117.3	32.6	23.6		1.6	70.4	10.7	15.0		
	129.0	35.8	22.6		1.7	70.3	11.3	15.0		
NDZ125-100-315C/4	88.9	24.7	22.7	1450	1.3	66.7	8.2	11.0	5070866001	4,556.48
	111.1	30.9	21.2		1.5	69.4	9.2	11.0		
	122.2	33.9	20.2		1.7	69.3	9.7	15.0		
NDZ125-100-400/4	152.8	42.4	52.1	1450	3.2	71.5	30.3	37.0	5070867001	7,863.74
	191.0	53.1	49.2		3.4	75.9	33.7	45.0		
	210.1	58.4	47.0		3.8	75.4	35.7	45.0		
NDZ125-100-400A/4	146.1	40.6	47.6	1450	3.1	70.5	26.9	30.0	5070868001	7,393.56
	182.6	50.7	45.0		3.3	74.9	29.9	37.0		
	200.8	55.8	43.0		3.7	74.4	31.6	37.0		
NDZ125-100-400B/4	136.7	38.0	41.7	1450	3.0	69.5	22.4	30.0	5070974001	6,440.19
	170.9	47.5	39.4		3.2	73.9	24.8	30.0		
	188.0	52.2	37.6		3.5	73.4	26.3	30.0		
NDZ125-100-400C/4	129.2	35.9	37.3	1450	2.9	68.5	19.2	30.0	5070975001	6,440.19
	161.5	44.9	35.2		3.0	72.9	21.2	30.0		
	177.7	49.3	33.6		3.4	72.4	22.5	30.0		
NDZ150-125-200/4	135.0	37.5	13.2	1450	1.4	62.0	7.8	11.0	5070976001	3,590.10
	180.0	50.0	12.0		1.5	71.1	8.3	11.0		
	207.0	57.5	10.8		1.6	72.9	8.3	11.0		
NDZ150-125-200A/4	127.1	35.3	11.7	1450	1.4	61.0	6.7	11.0	5070977001	3,590.10
	169.5	47.1	10.6		1.5	70.1	7.0	11.0		
	194.9	54.1	9.6		1.5	71.9	7.1	11.0		
NDZ150-125-200B/4	118.6	32.9	10.2	1450	1.3	60.0	5.5	7.5	5070978001	3,057.85
	158.1	43.9	9.2		1.4	69.1	5.8	7.5		
	181.8	50.5	8.3		1.5	70.9	5.8	7.5		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ150-125-250/4	167.7	46.6	21.4	1450	1.6	72.7	13.4	18.5	5070979001	4,956.43
	205.0	56.9	19.9		1.6	74.2	15.0	18.5		
	227.1	63.1	18.2		1.7	71.4	15.8	22.0		
NDZ150-125-250A/4	159.6	44.3	19.4	1450	1.6	71.7	11.7	15.0	5070980001	4,796.99
	195.1	54.2	18.0		1.6	73.2	13.1	18.5		
	216.1	60.0	16.5		1.6	70.4	13.8	18.5		
NDZ150-125-250B/4	151.0	41.9	17.3	1450	1.5	70.7	10.1	15.0	5070981001	4,311.17
	184.5	51.2	16.1		1.5	72.2	11.2	15.0		
	204.3	56.8	14.8		1.5	69.4	11.9	15.0		
NDZ150-125-250C/4	142.9	39.7	15.5	1450	1.4	69.7	8.7	11.0	5070982001	4,311.17
	174.6	48.5	14.5		1.5	71.2	9.7	15.0		
	193.4	53.7	13.2		1.5	68.4	10.2	15.0		
NDZ150-125-315/4	162.7	45.2	35.3	1450	1.9	68.8	22.8	30.0	5070983001	7,429.61
	237.3	65.9	32.7		2.0	75.7	27.9	37.0		
	253.9	70.5	31.9		2.1	76.9	28.7	37.0		
NDZ150-125-315A/4	154.5	42.9	31.9	1450	1.8	67.8	19.8	30.0	5070984001	6,480.72
	225.4	62.6	29.5		1.9	74.7	24.2	30.0		
	241.1	67.0	28.8		2.1	75.9	24.9	30.0		
NDZ150-125-315B/4	146.4	40.7	28.6	1450	1.7	66.8	17.1	22.0	5070985001	6,480.72
	213.4	59.3	26.5		1.8	73.7	20.9	30.0		
	228.4	63.4	25.8		2.0	74.9	21.5	30.0		
NDZ150-125-315C/4	138.2	38.4	25.5	1450	1.7	65.8	14.6	18.5	5070986001	5,777.12
	201.5	56.0	23.6		1.8	72.7	17.8	22.0		
	215.6	59.9	23.0		1.9	73.9	18.3	22.0		
NDZ150-125-400/4	216.0	60.0	57.6	1450	3.1	77.4	43.8	55.0	5070987001	13,508.17
	270.0	75.0	54.1		3.3	81.3	49.0	75.0		
	297.0	82.5	51.0		3.6	80.5	51.3	75.0		
NDZ150-125-400A/4	206.1	57.2	52.4	1450	3.0	76.4	38.6	45.0	5070988001	9,390.63
	257.6	71.6	49.2		3.2	80.3	43.1	55.0		
	283.4	78.7	46.5		3.5	79.5	45.1	55.0		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ150-125-400B/4	195.7	54.3	47.3	1450	2.9	75.4	33.4	37.0	5070989001	7,977.49
	244.6	67.9	44.4		3.1	79.3	37.3	45.0		
	269.0	74.7	41.9		3.4	78.5	39.1	45.0		
NDZ150-125-400C/4	182.6	50.7	41.2	1450	2.8	74.4	27.5	37.0	5070990001	7,506.58
	228.3	63.4	38.7		3.0	78.3	30.7	37.0		
	251.1	69.7	36.5		3.2	77.5	32.2	37.0		
NDZ150-125-500/4	203.2	56.4	83.5	1450	4.1	63.9	72.3	90.0	5070991001	22,739.33
	254.0	70.6	79.3		4.4	67.2	81.7	90.0		
	279.4	77.6	76.0		4.8	66.9	86.5	110.0		
NDZ150-125-500A/4	192.1	53.4	74.6	1450	3.9	62.9	62.0	75.0	5070992001	16,312.15
	240.1	66.7	70.8		4.2	66.2	70.1	90.0		
	264.2	73.4	67.9		4.6	65.9	74.2	90.0		
NDZ150-125-500B/4	182.2	50.6	67.1	1450	3.8	61.9	53.8	75.0	5070993001	15,358.04
	227.8	63.3	63.7		4.1	65.2	60.7	75.0		
	250.5	69.6	61.1		4.5	64.9	64.3	75.0		
NDZ150-125-500C/4	172.3	47.9	60.0	1450	3.7	60.9	46.2	75.0	5070994001	15,078.89
	215.4	59.8	57.0		3.9	64.2	52.1	75.0		
	236.9	65.8	54.6		4.3	63.9	55.2	75.0		
NDZ200-150-200/4	289.6	80.4	11.9	1450	4.7	78.7	11.9	15.0	5068032001	4,081.85
	362.0	100.6	10.4		5.0	83.1	12.3	15.0		
	398.2	110.6	9.5		5.4	82.0	12.6	15.0		
NDZ200-150-200A/4	259.7	72.1	9.5	1450	4.4	77.7	8.7	11.0	5068043001	3,826.12
	324.7	90.2	8.3		4.7	82.1	9.0	11.0		
	357.1	99.2	7.7		5.0	81.0	9.2	11.0		
NDZ200-150-250/4	362.4	100.7	19.6	1450	4.2	81.2	23.8	30.0	5070995001	5,978.18
	453.0	125.8	17.6		4.5	85.9	25.3	30.0		
	498.3	138.4	16.2		4.9	84.9	25.9	30.0		
NDZ200-150-250A/4	335.6	93.2	16.8	1450	4.0	80.2	19.2	30.0	5070996001	5,978.18
	419.4	116.5	15.1		4.3	84.9	20.3	30.0		
	461.4	128.2	13.9		4.7	83.9	20.8	30.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ200-150-250B/4	315.4	87.6	14.8	1450	3.8	79.2	16.1	22.0	5070997001	5,162.71
	394.3	109.5	13.3		4.1	83.9	17.1	22.0		
	433.7	120.5	12.3		4.5	82.9	17.5	22.0		
NDZ200-150-315/4	342.4	95.1	37.2	1450	4.0	86.9	40.0	45.0	5070998001	9,151.28
	428.0	118.9	34.3		4.9	89.1	44.9	55.0		
	470.8	130.8	32.6		5.8	88.7	47.1	55.0		
NDZ200-150-315A/4	320.4	89.0	32.6	1450	3.8	85.9	33.1	37.0	5070999001	8,089.35
	400.5	111.2	30.0		4.7	88.1	37.2	45.0		
	440.5	122.4	28.5		5.5	87.7	39.0	45.0		
NDZ200-150-315B/4	290.3	80.6	26.7	1450	3.6	84.9	24.9	37.0	5071000001	7,286.51
	362.9	100.8	24.7		4.4	87.1	28.0	37.0		
	399.2	110.9	23.4		5.2	86.7	29.4	37.0		
NDZ200-150-400/4	344.0	95.6	54.3	1450	3.5	76.0	66.9	75.0	5071001001	14,987.48
	430.0	119.4	49.0		4.9	77.1	74.5	90.0		
	473.0	131.4	46.0		5.3	76.8	77.2	90.0		
NDZ200-150-400A/4	326.1	90.6	48.8	1450	3.4	75.0	57.8	75.0	5071002001	13,753.83
	407.6	113.2	44.0		4.7	76.1	64.3	75.0		
	448.3	124.5	41.3		5.1	75.8	66.6	75.0		
NDZ200-150-400B/4	309.8	86.0	44.0	1450	3.3	74.0	50.2	75.0	5071003001	13,753.83
	387.2	107.6	39.7		4.6	75.1	55.8	75.0		
	425.9	118.3	37.3		4.9	74.8	57.9	75.0		
NDZ200-150-400C/4	293.5	81.5	39.5	1450	3.1	73.0	43.3	75.0	5070846001	13,753.83
	366.8	101.9	35.7		4.4	74.1	48.1	75.0		
	403.5	112.1	33.5		4.8	73.8	49.9	75.0		
NDZ200-150-500/4	356.0	98.9	84.9	1450	3.9	75.1	109.7	132.0	5070847001	28,298.26
	445.0	123.6	78.9		4.4	77.9	122.8	160.0		
	489.5	136.0	74.9		5.2	76.9	129.8	160.0		
NDZ200-150-500A/4	336.8	93.5	76.0	1450	3.8	74.1	94.1	110.0	5070848001	25,216.26
	420.9	116.9	70.6		4.2	76.9	105.3	132.0		
	463.0	128.6	67.0		5.0	75.9	111.3	132.0		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ200-150-500B/4	319.6	88.8	68.4	1450	3.6	73.1	81.5	90.0	5070849001	23,257.83
	399.5	111.0	63.6		4.1	75.9	91.2	110.0		
	439.4	122.1	60.3		4.8	74.9	96.4	110.0		
NDZ200-150-500C/4	302.4	84.0	61.3	1450	3.5	72.1	70.0	90.0	5070850001	17,250.66
	378.0	105.0	57.0		3.9	74.9	78.3	90.0		
	415.8	115.5	54.0		4.7	73.9	82.8	90.0		
NDZ250-200-250/4	508.8	141.3	18.5	1450	3.7	74.5	34.5	45.0	5070851001	7,968.55
	636.0	176.7	16.3		4.5	77.1	36.6	45.0		
	699.6	194.3	14.9		5.5	75.8	37.6	45.0		
NDZ250-200-250A/4	480.5	133.5	16.5	1450	3.6	73.5	29.4	37.0	5070852001	7,498.02
	600.7	166.9	14.5		4.3	76.1	31.2	37.0		
	660.7	183.5	13.3		5.3	74.8	32.1	37.0		
NDZ250-200-250B/4	452.3	125.6	14.6	1450	3.4	72.5	24.9	37.0	5070853001	7,498.02
	565.3	157.0	12.9		4.2	75.1	26.4	37.0		
	621.9	172.7	11.8		5.1	73.8	27.1	37.0		
NDZ250-200-315/4	521.6	144.9	33.0	1450	3.5	82.0	57.2	75.0	5070854001	13,524.51
	652.0	181.1	28.9		4.0	83.9	61.1	75.0		
	717.2	199.2	26.1		4.8	81.7	62.3	75.0		
NDZ250-200-315A/4	487.1	135.3	28.8	1450	3.3	81.0	47.1	55.0	5070855001	13,524.51
	608.9	169.1	25.2		3.8	82.9	50.4	75.0		
	669.8	186.1	22.7		4.6	80.7	51.4	75.0		
NDZ250-200-315B/4	449.7	124.9	24.5	1450	3.2	80.0	37.5	55.0	5070856001	9,530.02
	562.1	156.1	21.4		3.6	81.9	40.1	55.0		
	618.3	171.7	19.4		4.3	79.7	40.9	55.0		
NDZ250-200-400/4	437.6	121.6	56.1	1450	3.8	74.1	90.2	110.0	5070857001	23,867.04
	547.0	151.9	51.5		4.0	77.9	98.5	110.0		
	601.7	167.1	49.0		4.2	77.5	103.6	132.0		
NDZ250-200-400A/4	415.1	115.3	50.4	1450	3.7	73.1	78.1	90.0	5070858001	21,804.19
	518.8	144.1	46.3		3.9	76.9	85.1	110.0		
	570.7	158.5	44.0		4.1	76.5	89.6	110.0		

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ250-200-400B/4	394.6	109.6	45.6	1450	3.5	72.1	68.0	75.0	5070859001	16,555.99
	493.2	137.0	41.8		3.7	75.9	74.1	90.0		
	542.5	150.7	39.8		3.9	75.5	78.0	90.0		
NDZ250-200-400C/4	374.1	103.9	41.0	1450	3.4	71.1	58.7	75.0	5070860001	14,134.07
	467.6	129.9	37.6		3.6	74.9	64.0	75.0		
	514.3	142.9	35.8		3.8	74.5	67.3	75.0		
NDZ250-200-500/4	525.6	146.0	86.0	1450	4.0	77.9	158.1	185.0	5070861001	42,292.60
	657.0	182.5	79.2		4.5	78.6	180.3	220.0		
	722.7	200.8	75.4		5.0	77.8	190.8	220.0		
NDZ250-200-500A/4	497.7	138.3	77.2	1450	3.9	76.9	136.0	160.0	5070862001	30,712.75
	622.2	172.8	71.0		4.3	77.6	155.1	185.0		
	684.4	190.1	67.6		4.8	76.8	164.2	185.0		
NDZ250-200-500B/4	472.8	131.3	69.6	1450	3.7	75.9	118.2	132.0	5070863001	29,308.13
	591.1	164.2	64.1		4.2	76.6	134.7	160.0		
	650.2	180.6	61.0		4.7	75.8	142.6	160.0		
NDZ250-200-500C/4	448.0	124.4	62.5	1450	3.6	74.9	101.8	132.0	5071004001	28,940.89
	559.9	155.5	57.5		4.0	75.6	116.1	132.0		
	615.9	171.1	54.8		4.5	74.8	122.9	160.0		
NDZ300-250-315/4	761.6	211.6	32.5	1450	5.2	77.2	87.4	110.0	5071005001	21,649.20
	952.0	264.4	27.8		5.3	79.8	90.2	110.0		
	1047.2	290.9	26.0		5.5	79.2	93.5	110.0		
NDZ300-250-315A/4	722.2	200.6	29.2	1450	5.0	76.2	75.5	90.0	5071006001	14,957.36
	902.8	250.8	25.0		5.1	78.8	77.9	90.0		
	993.0	275.8	23.3		5.3	78.2	80.7	90.0		
NDZ300-250-315B/4	667.5	185.4	25.0	1450	4.8	75.2	60.4	75.0	5071007001	13,723.75
	834.4	231.8	21.3		4.9	77.8	62.3	75.0		
	917.8	254.9	19.9		5.0	77.2	64.6	75.0		
NDZ300-250-400/4	855.2	237.6	52.0	1450	5.7	77.9	155.7	185.0	5071008001	30,727.61
	1069.0	296.9	47.6		6.1	82.1	168.8	185.0		
	1175.9	326.6	43.7		6.5	79.5	176.1	200.0		

NDZ End Suction Centrifugual Pump

Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ300-250-400A/4	811.1	225.3	46.8	1450	5.5	76.9	134.5	160.0	5071009001	30,255.57
	1013.9	281.6	42.8		5.9	81.1	145.8	160.0		
	1115.3	309.8	39.3		6.3	78.5	152.2	185.0		
NDZ300-250-400B/4	771.1	214.2	42.3	1450	5.3	75.9	117.1	132.0	5071010001	28,588.57
	963.9	267.7	38.7		5.7	80.1	126.8	160.0		
	1060.2	294.5	35.5		6.1	77.5	132.4	160.0		
NDZ300-250-400C/4	731.0	203.1	38.0	1450	5.1	74.9	101.1	132.0	5071011001	25,506.52
	913.8	253.8	34.8		5.5	79.1	109.4	132.0		
	1005.2	279.2	31.9		5.9	76.5	114.3	132.0		
NDZ300-250-500/4	788.8	219.1	82.5	1450	4.4	78.7	225.4	250.0	5071012001	50,209.50
	986.0	273.9	74.4		5.0	80.7	247.5	315.0		
	1084.6	301.3	67.1		5.8	76.6	258.8	315.0		
NDZ300-250-500A/4	747.0	207.5	74.0	1450	4.2	77.7	193.9	220.0	5071013001	44,734.19
	933.7	259.4	66.7		4.8	79.7	212.8	250.0		
	1027.1	285.3	60.1		5.6	75.6	222.7	250.0		
NDZ300-250-500B/4	709.6	197.1	66.8	1450	4.1	76.7	168.4	185.0	5071014001	42,915.17
	887.0	246.4	60.2		4.7	78.7	184.8	220.0		
	975.7	271.0	54.3		5.4	74.6	193.5	220.0		
NDZ300-250-500C/4	672.3	186.7	59.9	1450	4.0	75.7	145.1	185.0	5071015001	31,534.91
	840.3	233.4	54.0		4.5	77.7	159.1	185.0		
	924.4	256.8	48.7		5.2	73.6	166.7	185.0		
NDZ350-300-315/4	1089.6	302.7	30.7	1450	6.1	75.4	120.9	160.0	5071016001	28,753.58
	1362.0	378.3	27.8		6.3	79.3	130.1	160.0		
	1498.2	416.2	25.0		6.4	76.1	134.1	160.0		
NDZ350-300-315A/4	986.3	274.0	25.2	1450	5.7	74.4	90.8	110.0	5071017001	23,584.17
	1232.8	342.5	22.8		5.9	78.3	97.8	110.0		
	1356.1	376.7	20.5		6.0	75.1	100.8	110.0		
NDZ350-300-400/4	952.0	264.4	54.2	1450	6.3	73.9	190.3	220.0	5071018001	43,935.45
	1190.0	330.6	49.3		6.4	77.8	205.5	250.0		
	1309.0	363.6	46.2		6.6	77.2	213.4	250.0		

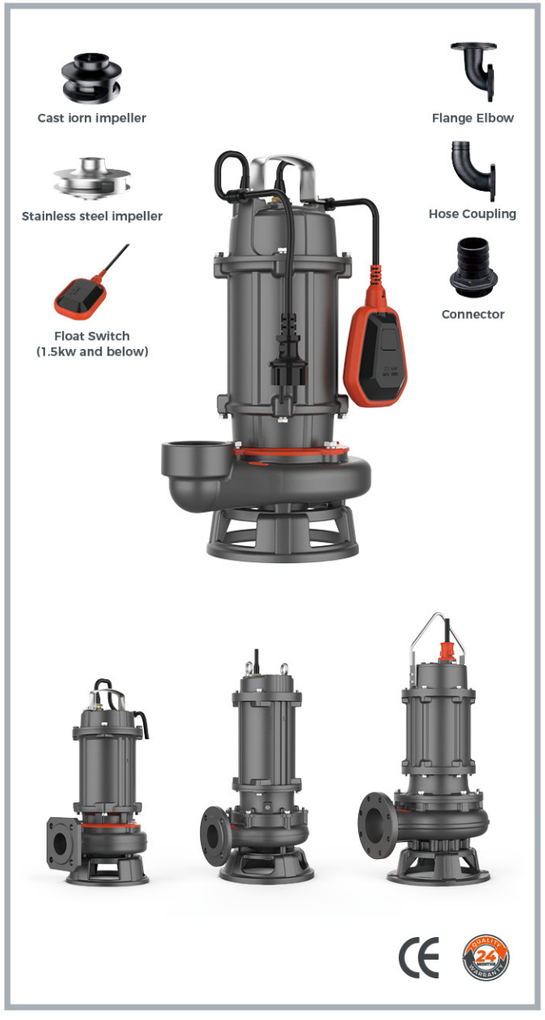
Technical Data

Pump Model	Flow		Head	Speed	NPSHr	Eff.	Power		Part No.	Price
	m^3/h	L/s	m	rpm	m	%	Shaft Power kW	Motor Power kW		€
NDZ350-300-400A/4	903.0	250.8	48.8	1450	6.1	72.9	164.6	185.0	5071019001	42,116.79
	1128.7	313.5	44.4		6.2	76.8	177.6	200.0		
	1241.6	344.9	41.5		6.4	76.2	184.5	220.0		
NDZ350-300-400B/4	858.4	238.4	44.1	1450	5.9	71.9	143.4	160.0	5071020001	30,840.21
	1073.0	298.0	40.1		6.0	75.8	154.6	185.0		
	1180.2	327.8	37.5		6.2	75.2	160.6	185.0		
NDZ350-300-400C/4	824.9	229.1	40.7	1450	5.7	70.9	129.1	160.0	5071021001	29,069.13
	1031.1	286.4	37.0		5.8	74.8	139.1	160.0		
	1134.3	315.1	34.7		6.0	74.2	144.5	160.0		

LARGE SEWAGE (SUBMERSIBLE)

WQ Submersible Sewage Pump

WQ Submersible Sewage Pump



Application

- Wastewater drainage in factories, construction sites and commercial facilities
- Drainage system in municipal sewage treatment plants
- Drainage station in residential quarters
- Municipal projects
- Methane pools and field irrigation in countryside

Pump

- Max. immersion depth: 10 m
- 0.25-4kw, Standard PN6 pump body with hose elbow; 5.5-7.5kw, Standard PN6 pump body with hose elbow, optional PN10 pump body without hose elbow (note: PN6 pump body with 50/65/80 caliber standard threaded hose elbow, optional clamp hose elbow, all other caliber hose elbows are clamps); 11-22kw&200 caliber below, standard PN6 pump body with hose elbow, optional PN10 pump body without elbow; 200 caliber and above, standard PN10 pump body without elbow, optional PN6 pump body without elbow; 0.25-0.75kw optional threaded version with connector.
- Can be equipped with hose connection can choose flange connection
- Cable Length: 10m (under 30kW), 8m (30~45kW)
- Max. liquid temperature: up to +40℃
- Liquid PH value: 4 - 10
- 0.18-7.5kW: $1.05x10^3 kg/m^3$, 11kW and above: $1.3x10^3 kg/m^3$
- Allowed by the particle diameter: 20 - 80 mm
- Single phase optional

Motor

- Copper winding
- Insulation class: F
- Enclosures class: IP68
- Motor protection: 0.18 - 4kW(5.5kW and above need control cabinet)
- 0.18-4kW: Star connection; 5.5-37kW: Delta connection; 45kW: Star-triangle connection

Identification Codes

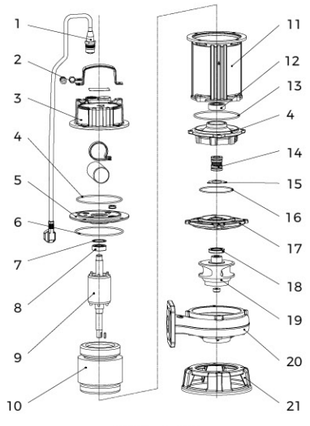
65 WQ D 15-10-1.1(M)(A)(/4)-S

- Stainless steel impeller (for 2.2-22kW)
- Four pole motor, two pole motor without 4
- Automatic Operation With Float Switch(Powers1.5kW)
- Threaded pump body (0.18 - 0.75kW optional)
- Rated Power (kW)
- Rated Head (m)
- Rated Flow (m^3/h)
- Single Phase (Three phase without D)
- Submersible Sewage Pump
- Nominal Diameter (mm)

Material Table

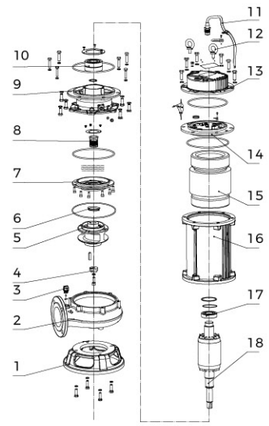
No.	Part	Material
01	Cable	
02	Handle	SS304
03	Top Cover	Cast iron
04	O-Ring	NBR
05	End Cover	Cast iron
06	O-Ring	NBR
07	Wave Spring Washer	65Mn
08	Bearing	
09	Rotor	
10	Stator	
11	Motor Casing	Cast iron

No.	Part	Material
12	Bearing	
13	Oil Chamber	Cast iron
14	Mechanical Seal	
15	Pressing	SS304
16	O-Ring	NBR
17	Cylinder Head	Cast iron
18	Oil Seal	
19	Impeller	0.25kW-1.5kW Cast iron 2.2kW-4kW Cast iron/SS304
20	Pump Body	Cast iron
21	Base	Cast iron



0.25 - 4 kW

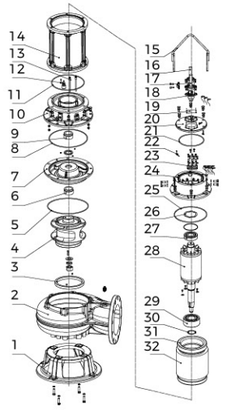
Material Table



5.5 - 7.5 kW

No.	Part	Material
01	Pedestal	Cast iron
02	Pump body	Cast iron
03	Air vent valve	
04	Washer	SS304
05	Impeller	Cast iron/SS304
06	Casket seal	NBR
07	Cylinder Head	Cast iron
08	Mechanical seals	
09	Oil chamber	Cast iron
10	Ball bearing	
11	Cable assembly	
12	Rings	
13	Top cover	Cast iron
14	End cover	Cast iron

No.	Part	Material
15	Winding	
16	Mechine barrel	Cast iron
17	Ball bearing	
18	Motor	



11 - 45 kW

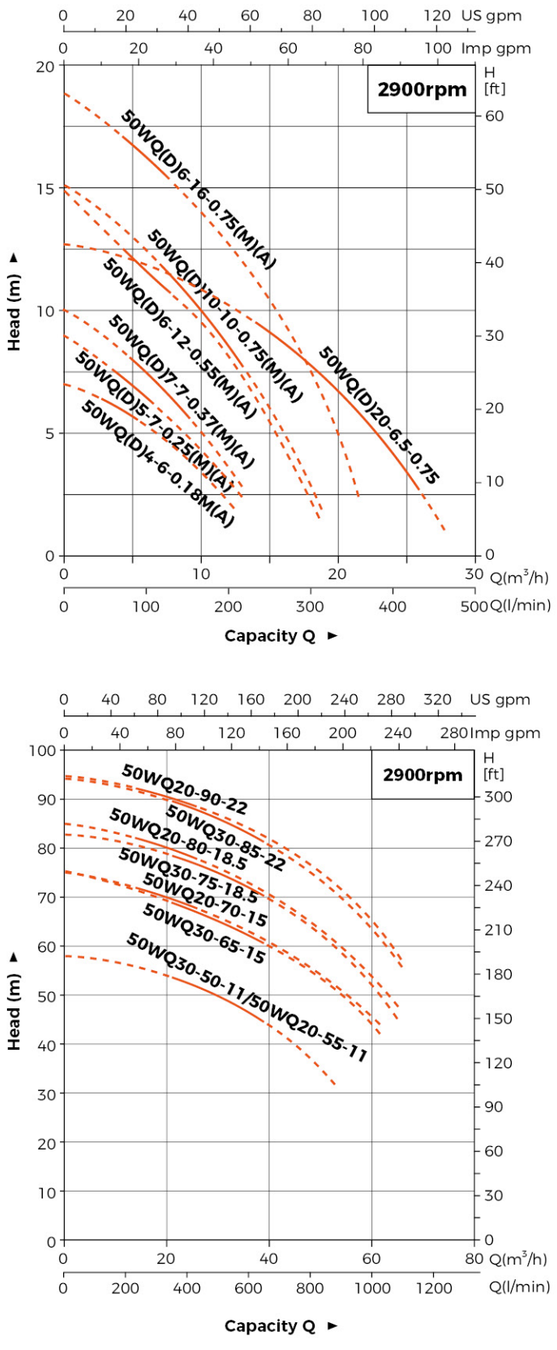
No.	Part	Material
01	Pump base	Cast iron
02	Pump body	Cast iron/Ductle iron
03	Impeller ring	C45
04	Impeller	Cast iron /Ductle iron/SS304
05	O-ring	NBR
06	Mechanical seal	Silicon/Carbon
07	Pump cover	Cast iron
08	O-ring	NBR
09	Mechanical seal	Silicon/Carbon
10	Oil chamber	Cast iron
11	O-ring	NBR
12	Float switch (optional)	SS304
13	Oil-water probe (optional)	SS304
14	Motor base	Cast iron
15	Handle components	S235JR
16	Cable assembly	YCW
17	Cable clamp	Cast iron

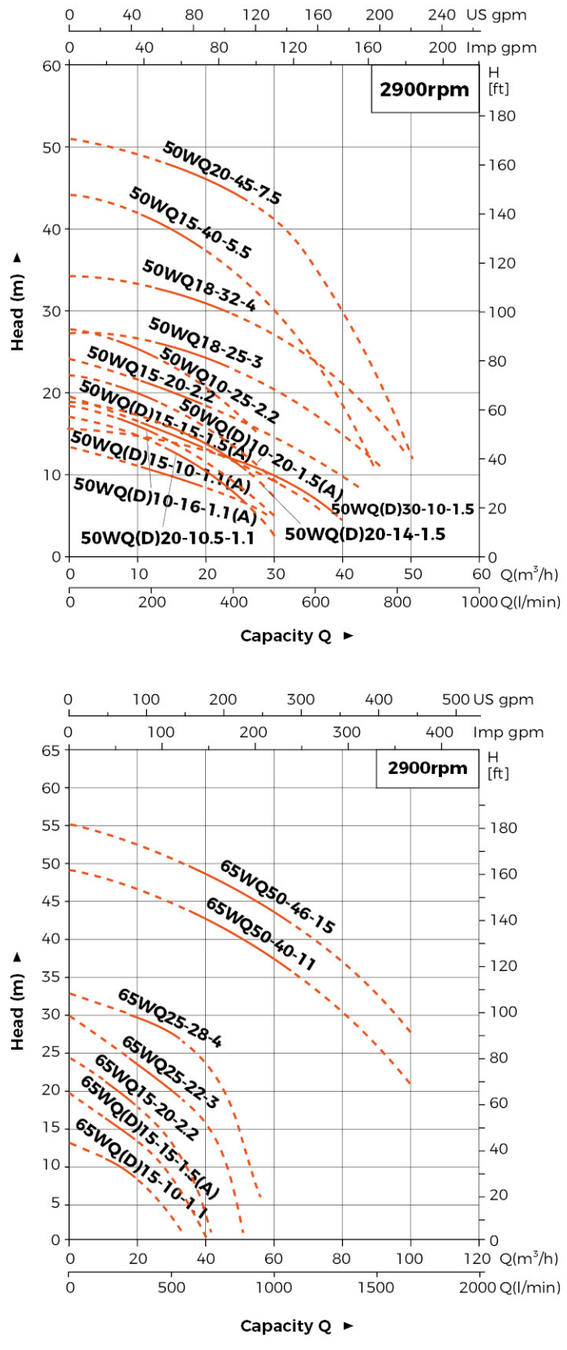
No.	Part	Material
18	Signal line (optional)	YCW
19	Nameplate	SS304
20	Top cover	Cast iron
21	O-ring	NBR
22	Water leakage protection(optional)	
23	Wiring base	
24	Upper cover	Cast iron
25	O-ring	NBR
26	Wave spring	65Mn
27	Ball bearing	
28	Rotor	
29	Bearing	
30	Snap ring	65Mn
31	Temperature sensor(optional)	
32	Stator	

WQ Submersible Sewage Pump

Hydraulic Performance Curves

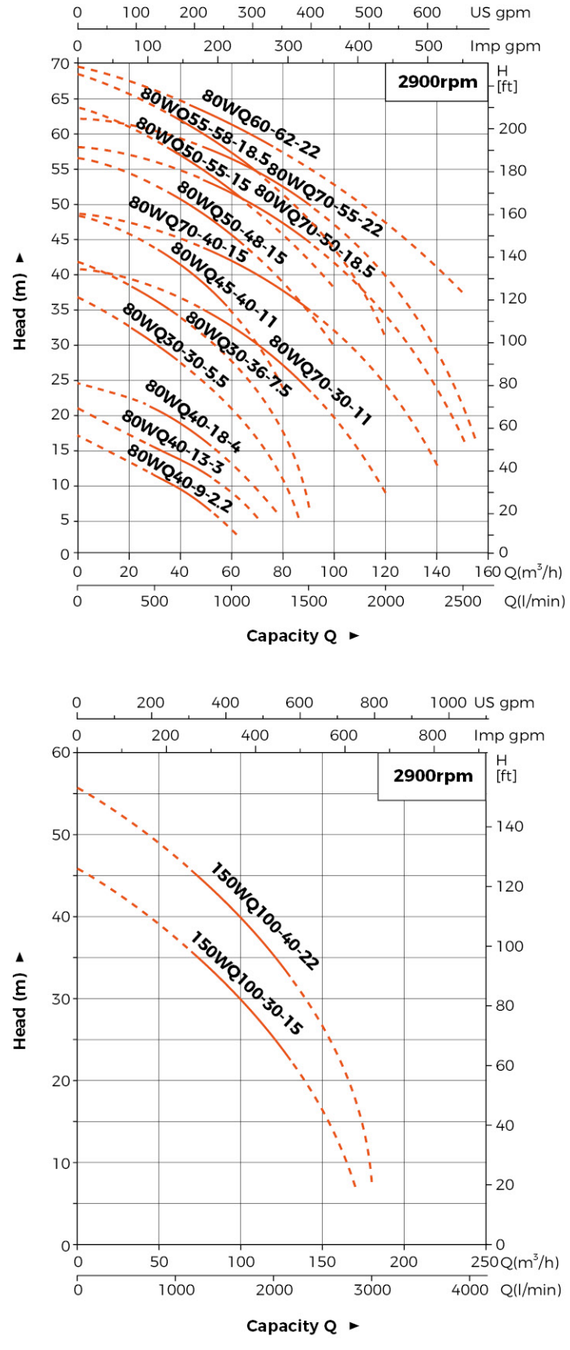
Optional Area Non-optional Area

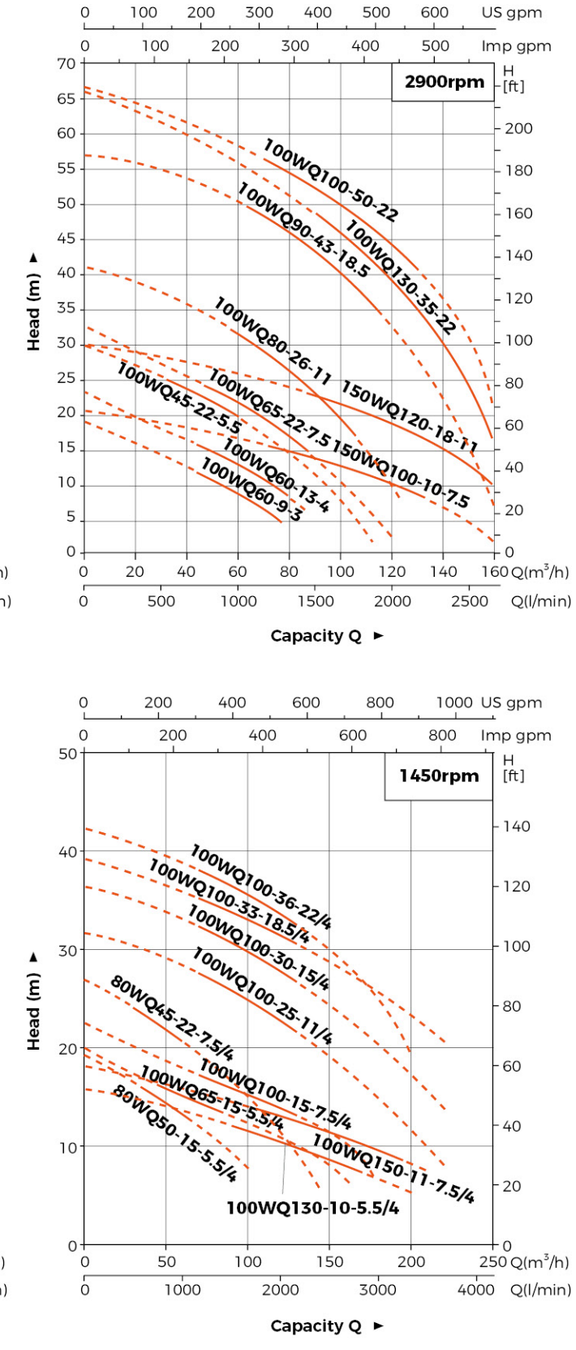




Hydraulic Performance Curves

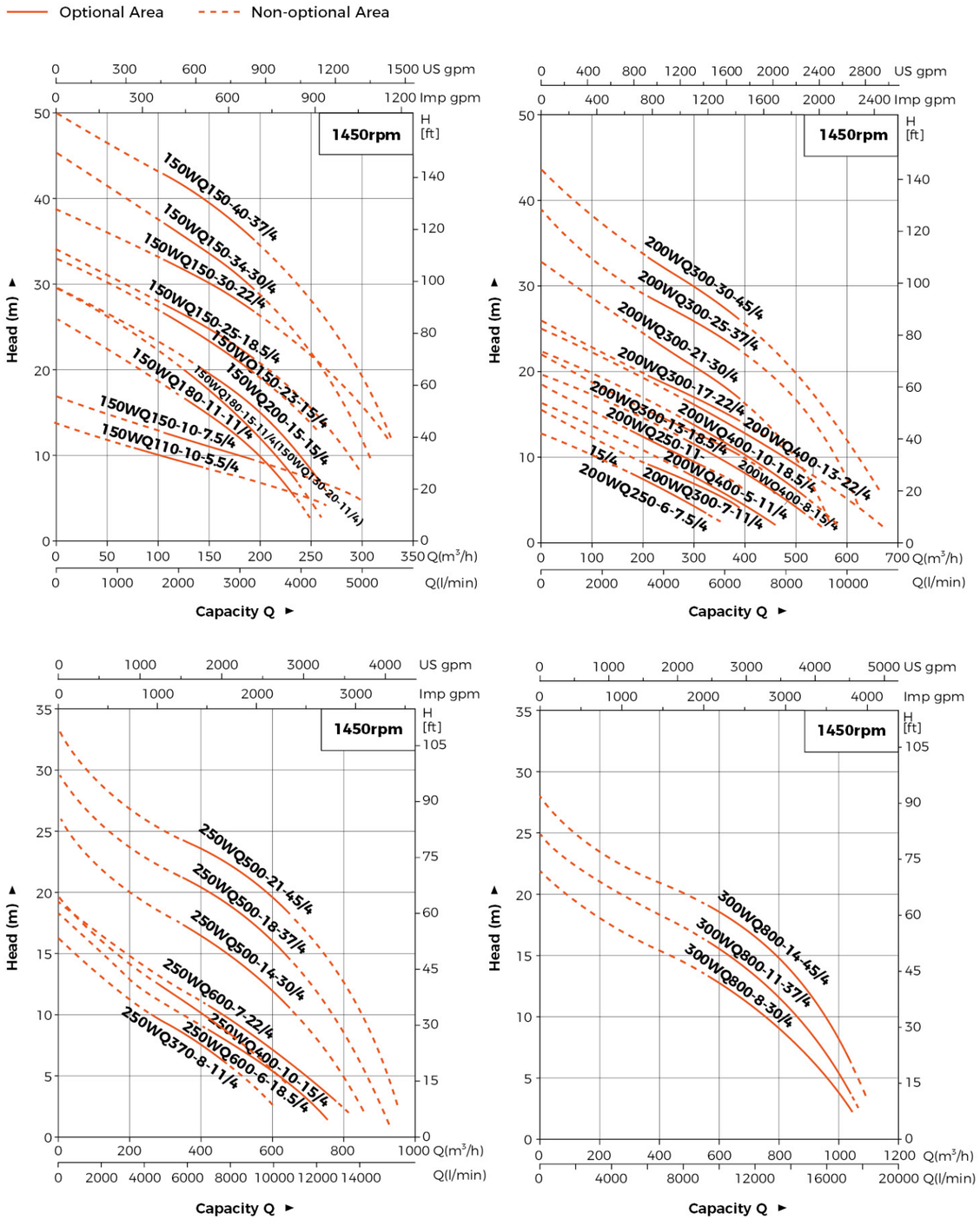
Optional Area Non-optional Area





WQ Submersible Sewage Pump

Hydraulic Performance Curves



Technical Data

No.	Model	Voltage	Max. Flow	Max. Head	Motor Power		Diameter	Max. Solid Dia	Part No.	Price
		V	m³/h	m	kW	HP	in	mm		€
1	50WQ4-6-0.18M	400	12	7	0.18	0.25	2"	5	5074750001	194.47
2	50WQD4-6-0.18M	220~240	12	7	0.18	0.25	2"	5	5074678001	188.83
3	50WQD4-6-0.18MA	220~240	12	7	0.18	0.25	2"	5	5071397001	195.53
4	50WQ5-7-0.25	400	14	8	0.25	0.33	2"	5	5071465001	300.54
5	50WQ5-7-0.25M	400	14	8	0.25	0.33	2"	5	5071474001	196.4
6	50WQD5-7-0.25	220~240	14	8	0.25	0.33	2"	5	5071406001	291.78
7	50WQD5-7-0.25A	220~240	14	8	0.25	0.33	2"	5	5071422001	298.48
8	50WQD5-7-0.25M	220~240	14	8	0.25	0.33	2"	5	5071437001	190.69
9	50WQD5-7-0.25MA	220~240	14	8	0.25	0.33	2"	5	5071447001	197.38
10	50WQ7-7-0.37	400	15	10	0.37	0.55	2"	15	5071404001	301.28
11	50WQ7-7-0.37M	400	15	10	0.37	0.55	2"	15	5071418001	202.92
12	50WQD7-7-0.37	220~240	15	10	0.37	0.55	2"	15	5071459001	292.51
13	50WQD7-7-0.37A	220~240	15	10	0.37	0.55	2"	15	5071475001	299.21
14	50WQD7-7-0.37M	220~240	15	10	0.37	0.55	2"	15	5071401001	197.00
15	50WQD7-7-0.37MA	220~240	15	10	0.37	0.55	2"	15	5071411001	203.70
16	50WQ6-12-0.55	400	19	15	0.55	0.75	2"	15	5071428001	305.91
17	50WQ6-12-0.55M	400	19	15	0.55	0.75	2"	15	5071439001	285.61
18	50WQD6-12-0.55	220~240	19	15	0.55	0.75	2"	15	5071425001	294.37
19	50WQD6-12-0.55A	220~240	19	15	0.55	0.75	2"	15	5071441001	301.07
20	50WQD6-12-0.55M	220~240	19	15	0.55	0.75	2"	15	5071450001	274.67
21	50WQD6-12-0.55MA	220~240	19	15	0.55	0.75	2"	15	5071464001	281.36
22	50WQ20-6.5-0.75	400	26	13	0.75	1	2"	20	5074765001	317.76
23	50WQD20-6.5-0.75	220~240	26	13	0.75	1	2"	20	5077314001	308.50
24	50WQ6-16-0.75	400	22	19	0.75	1	2"	15	5071453001	310.47
25	50WQ6-16-0.75M	400	22	19	0.75	1	2"	15	5071468001	290.16
26	50WQD6-16-0.75	220~240	22	19	0.75	1	2"	15	5071476001	308.50
27	50WQD6-16-0.75A	220~240	22	19	0.75	1	2"	15	5071403001	315.20
28	50WQD6-16-0.75M	220~240	22	19	0.75	1	2"	15	5071415001	288.80
29	50WQD6-16-0.75MA	220~240	22	19	0.75	1	2"	15	5071430001	295.49
30	50WQ10-10-0.75	400	19	15	0.75	1	2"	20	5067558002	300.16
31	50WQ10-10-0.75M	400	19	15	0.75	1	2"	20	5071400001	290.97
32	50WQD10-10-0.75	220~240	19	15	0.75	1	2"	20	5067460002	291.39
33	50WQD10-10-0.75A	220~240	19	15	0.75	1	2"	20	5071449001	298.09
34	50WQD10-10-0.75M	220~240	19	15	0.75	1	2"	20	5071458001	289.92
35	50WQD10-10-0.75MA	220~240	19	15	0.75	1	2"	20	5071477001	296.62
36	50WQ10-16-1.1	400	30	19	1.1	1.5	2"	25	5071407001	403.14
37	50WQD10-16-1.1	220~240	30	19	1.1	1.5	2"	25	5071399001	391.40

WQ Submersible Sewage Pump

Technical Data

No.	Model	Voltage	Max. Flow	Max. Head	Motor Power		Diameter	Max. Solid Dia	Part No.	Price
		V	m^3/h	m	kW	HP	in	mm		€
38	50WQD10-16-1.1A	220~240	30	19	1.1	1.5	2"	25	5071405001	398.09
39	50WQ15-10-1.1	400	27	12.5	1.1	1.5	2"	25	5071423001	408.86
40	50WQD15-10-1.1	220~240	27	12.5	1.1	1.5	2"	25	5071421001	408.47
41	50WQD15-10-1.1A	220~240	27	12.5	1.1	1.5	2"	25	5071434001	415.17
42	50WQ20-10.5-1.1	400	26	16.5	1.1	1.5	2"	20	5074668001	420.75
43	50WQD20-10.5-1.1	220~240	26	16.5	1.1	1.5	2"	20	5074709001	408.47
44	65WQ15-10-1.1	400	31.5	13	1.1	1.5	2½"	25	5067583002	403.14
45	65WQD15-10-1.1	220~240	31.5	13	1.1	1.5	2½"	25	5067491002	391.40
46	65WQD15-10-1.1A	220~240	31.5	13	1.1	1.5	2½"	25	5071460001	398.09
47	50WQ10-20-1.5	400	33	21.5	1.5	2	2"	25	5071445001	442.56
48	50WQD10-20-1.5	220~240	33	21.6	1.5	2	2"	25	5071472001	467.59
49	50WQD10-20-1.5A	220~240	33	21.6	1.5	2	2"	25	5071402001	474.29
50	50WQ15-15-1.5	400	32	18.5	1.5	2	2"	25	5071461001	443.71
51	50WQD15-15-1.5	220~240	32	18.5	1.5	2	2"	25	5071417001	479.09
52	50WQD15-15-1.5A	220~240	32	18.5	1.5	2	2"	25	5071432001	485.79
53	50WQ20-14-1.5	400	26	20.5	1.5	2	2"	20	5074691001	443.71
54	50WQD20-14-1.5	220~240	26	20.5	1.5	2	2"	20	5074725001	479.09
55	50WQ30-10-1.5	400	39	16	1.5	2	2"	25	5074702001	443.71
56	50WQD30-10-1.5	220~240	39	16	1.5	2	2"	25	5074739001	479.09
57	65WQ15-15-1.5	400	39.7	20	1.5	2	2½"	25	5067605002	431.83
58	65WQD15-15-1.5	220~240	39.7	20	1.5	2	2½"	25	5067533002	443.78
59	65WQD15-15-1.5A	220~240	39.7	20	1.5	2	2½"	25	5071454001	450.48
60	50WQ10-25-2.2	400	13	28.5	2.2	3	2"	20	5074718001	489.65
61	50WQ15-20-2.2	400	36	24	2.2	3	2"	20	5067618002	489.65
62	65WQ15-20-2.2	400	41.6	24.6	2.2	3	2½"	25	5071412001	509.95
63	80WQ40-9-2.2	400	63	17	2.2	3	3"	30	5067643002	520.64
64	50WQ18-25-3	400	42	29	3	4	2"	20	5071440001	706.35
65	65WQ25-22-3	400	50	29	3	4	2½"	25	5067667002	720.09
66	80WQ40-13-3	400	70	20	3	4	3"	30	5067678002	731.59
67	100WQ60-9-3	400	75	16	3	4	4"	30	5067688002	769.50
68	50WQ18-32-4	400	45	36	4	5.5	2"	20	5071391001	740.82
69	65WQ25-28-4	400	51	31.5	4	5.5	2½"	25	5067700002	754.56
70	80WQ40-18-4	400	79	21	4	5.5	3"	30	5067711002	766.06
71	100WQ60-13-4	400	85	20	4	5.5	4"	30	5067723002	804.32
72	50WQ15-40-5.5	400	30	44	5.5	7.5	2"	20	5067742002	1,354.10
73	80WQ30-30-5.5	400	70	35	5.5	7.5	3"	30	5067754002	1,354.10
74	100WQ45-22-5.5	400	100	28	5.5	7.5	4"	30	5071481001	1,421.49

Technical Data

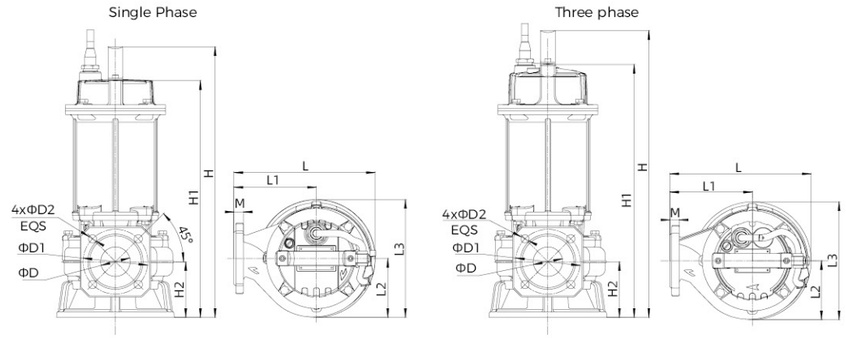
No.	Model	Voltage	Max. Flow	Max. Head	Motor Power		Diameter	Max. Solid Dia	Part No.	Price
		V	m^3/h	m	kW	HP	in	mm		€
75	50WQ20-45-7.5	400	45	50	7.5	10	2"	20	5067784002	1,654.64
76	80WQ30-36-7.5	400	75	41	7.5	10	3"	30	5071427001	1,672.20
77	100WQ65-22-7.5	400	108	31	7.5	10	4"	35	5067804002	1,712.07
78	150WQ100-10-7.5	400	150	20	7.5	10	6"	35	5067817002	1,796.30
79	50WQ20-55-11	400	45	60.5	11	15	2"	25	5071467001	2,262.20
80	50WQ30-50-11	400	45	60.5	11	15	2"	25	5071480001	2,262.20
81	65WQ50-40-11	400	65	47.5	11	15	2½"	30	5074733001	2262.20
82	80WQ45-40-11	400	60	50.5	11	15	3"	30	5071392001	2,191.76
83	80WQ70-30-11	400	100	40.5	11	15	3"	30	5071414001	2,208.97
84	100WQ80-26-11	400	120	42	11	15	4"	35	5071426001	2,230.05
85	150WQ120-18-11	400	160	30	11	15	6"	55	5071438001	2,322.30
86	50WQ20-70-15	400	45	75.5	15	20	2"	25	5071452001	2,445.55
87	50WQ30-65-15	400	45	75.5	15	20	2"	25	5071463001	2,445.55
88	65WQ50-46-15	400	65	56	15	20	2½"	30	5074747001	2460.49
89	80WQ50-48-15	400	65	56.5	15	20	3"	30	5074761001	2473.50
90	80WQ50-55-15	400	65	62.5	15	20	3"	30	5074773001	2473.50
91	80WQ70-40-15	400	100	49.5	15	20	3"	30	5071478001	2,391.94
92	150WQ100-30-15	400	130	50	15	20	6"	35	5074669001	2473.50
93	50WQ20-80-18.5	400	45	85.5	18.5	22	2"	25	5071395001	3,497.60
94	50WQ30-75-18.5	400	45	85.5	18.5	22	2"	25	5071408001	3,497.60
95	80WQ55-58-18.5	400	71.5	67.5	18.5	22	3"	30	5074687001	2586.83
96	80WQ70-50-18.5	400	100	58.5	18.5	22	3"	30	5071419001	3,425.23
97	100WQ90-43-18.5	400	117	57.5	18.5	22	4"	35	5074705001	3522.88
98	50WQ20-90-22	400	45	94	22	30	2"	25	5071433001	3,506.79
99	50WQ30-85-22	400	45	94	22	30	2"	25	5071443001	3,506.79
100	80WQ60-62-22	400	78	67.5	22	30	3"	30	5074719001	3533.96
101	80WQ70-55-22	400	100	63	22	30	3"	30	5071456001	3,434.41
102	100WQ100-50-22	400	130	65	22	30	4"	35	5074737001	3688.63
103	100WQ130-35-22	400	169	62.5	22	30	4"	35	5074752001	3688.63
104	150WQ100-40-22	400	130	60.5	22	30	6"	35	5074766001	3721.56
105	80WQ50-15-5.5/4	400	70	25	5.5	7.5	3"	30	5071470001	2,155.01
106	100WQ65-15-5.5/4	400	120	18	5.5	7.5	4"	55	5071394001	2,099.47
107	100WQ130-10-5.5/4	400	169	16	5.5	7.5	4"	45	5074781001	2099.47
108	150WQ110-10-5.5/4	400	260	12	5.5	7.5	6"	75	5071409001	2,112.12
109	80WQ45-22-7.5/4	400	80	26	7.5	10	3"	30	5071431001	2,240.39
110	100WQ100-15-7.5/4	400	140	21	7.5	10	4"	55	5071442001	2,355.61
111	100WQ150-11-7.5/4	400	195	18	7.5	10	4"	45	5074670001	2355.61

WQ Submersible Sewage Pump

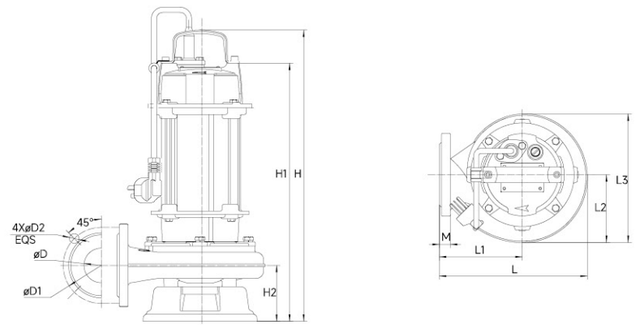
Technical Data

No.	Model	Voltage	Max. Flow	Max. Head	Motor Power		Diameter	Max. Solid Dia	Part No.	Price
		V	m^3/h	m	kW	HP	in	mm		€
112	150WQ150-10-7.5/4	400	300	16	7.5	10	6"	75	5071451001	2,461.65
113	200WQ250-6-7.5/4	400	325	12.5	7.5	10	8"	50	5074693001	2581.46
114	100WQ100-25-11/4	400	220	31	11	15	4"	50	5071466001	3,854.80
115	150WQ130-20-11/4	400	169	29.5	11	15	6"	45	5074708001	3571.48
116	150WQ180-11-11/4	400	260	24	11	15	6"	60	5071479001	4,021.71
117	150WQ180-15-11/4	400	234	29.5	11	15	6"	50	5074720001	3571.48
118	200WQ300-7-11/4	400	450	17	11	15	8"	70	5071393001	4,004.46
119	200WQ400-5-11/4	400	470	18	11	15	8"	55	5071413001	4,004.46
120	250WQ370-8-11/4	400	481	16.5	11	15	10"	50	5074734001	4179.78
121	100WQ100-30-15/4	400	220	36	15	20	4"	50	5071424001	4,346.34
122	150WQ150-23-15/4	400	195	34	15	20	6"	45	5074749001	4384.24
123	150WQ200-15-15/4	400	290	29	15	20	6"	60	5071435001	4,384.24
124	200WQ250-11-15/4	400	490	21	15	20	8"	70	5071444001	4,357.84
125	200WQ400-8-15/4	400	525	19	15	20	8"	55	5071457001	4,357.84
126	250WQ400-10-15/4	400	520	19	15	20	10"	50	5074763001	4438.59
127	100WQ100-33-18.5/4	400	220	39	18.5	25	4"	50	5071469001	5,290.42
128	150WQ150-25-18.5/4	400	300	32	18.5	25	6"	60	5071396001	5,005.20
129	200WQ300-13-18.5/4	400	530	25	18.5	25	8"	70	5071410001	5,035.08
130	200WQ400-10-18.5/4	400	525	22	18.5	22	8"	55	5071420001	5,035.08
131	250WQ600-6-18.5/4	400	750	18	18.5	22	10"	75	5071436001	5,548.81
132	100WQ100-36-22/4	400	220	42	22	30	4"	50	5071448001	5,856.26
133	150WQ150-30-22/4	400	330	39	22	30	6"	60	5071462001	5,077.93
134	200WQ300-17-22/4	400	550	27	22	30	8"	70	5071473001	4,971.89
135	200WQ400-13-22/4	400	525	24.5	22	30	8"	55	5071398001	4,971.89
136	250WQ600-7-22/4	400	800	22	22	30	10"	85	5071416001	5,270.50
137	150WQ150-34-30/4	400	310	45	30	40	6"	55	5071429001	7,711.84
138	200WQ300-21-30/4	400	570	33	30	40	8"	80	5071446001	7,999.37
139	250WQ500-14-30/4	400	860	27	30	40	10"	85	5071455001	8,288.03
140	300WQ800-8-30/4	400	1040	22	30	40	12"	90	5071471001	8,629.91
141	150WQ150-40-37/4	400	330	50	37	50	6"	55	5071482001	9,698.40
142	200WQ300-25-37/4	400	620	39	37	50	8"	80	5071483001	9,863.02
143	250WQ500-18-37/4	400	930	30	37	50	10"	85	5071484001	9,798.72
144	300WQ800-11-37/4	400	1060	25	37	50	12"	90	5071485001	10,130.22
145	200WQ300-30-45/4	400	660	43	45	60	8"	80	5071486001	10,474.38
146	250WQ500-21-45/4	400	950	34	45	60	10"	85	5071487001	10,779.51
147	300WQ800-14-45/4	400	1080	28	45	60	12"	90	5071488001	11,157.79

Dimension



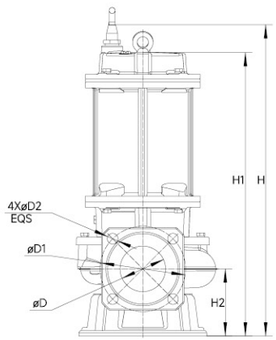
Model	L	L1	L2	L3	M	H	H1	H2	D	PN6		PN10	
										ΦD1	N-ΦD2	ΦD1	N-ΦD2
50WQ4-6-0.18M	214	120	99	187	16	422	374	81	50	110	4×Φ14	/	/
50WQD4-6-0.18M(A)	214	120	99	187	16	422	374	81	50	110	4×Φ14	/	/
50WQ5-7-0.25M	214	120	99	187	16	422	374	81	50	110	4×Φ14	/	/
50WQD5-7-0.25M(A)	214	120	99	187	16	422	374	81	50	110	4×Φ14	/	/
50WQ7-7-0.37M	214	120	99	187	16	422	374	81	50	110	4×Φ14	/	/
50WQD7-7-0.37M(A)	214	120	99	187	16	422	374	81	50	110	4×Φ14	/	/
50WQ6-12-0.55	214	120	99	187	16	422	374	81	50	110	4×Φ14	/	/
50WQD6-12-0.55(A)	214	120	99	187	16	422	374	81	50	110	4×Φ14	/	/

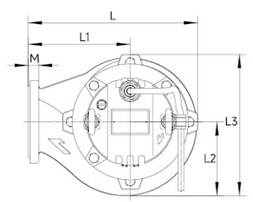


Model	L	L1	L2	L3	M	H	H1	H2	D	PN6		PN10	
										ΦD1	N-ΦD2	ΦD1	N-ΦD2
50WQ6-16-0.75	214	120	98	186	16	422	374	81	50	110	4×Φ14	/	/
50WQD6-16-0.75(A)	214	120	98	186	16	422	374	81	50	110	4×Φ14	/	/
50WQ10-10-0.75	214	120	98	186	16	422	374	81	50	110	4×Φ14	/	/
50WQD10-10-0.75(A)	214	120	98	186	16	422	374	81	50	110	4×Φ14	/	/
50WQ20-6.5-0.75	217	127	100.5	183	16	428	369	80	50	110	4×Φ14	/	/
50WQD20-6.5-0.75	217	127	100.5	183	16	428	369	80	50	110	4×Φ14	/	/
50WQ10-16-1.1	240	140	100	200	16	460	402	94.5	50	110	4×Φ14	/	/
50WQD10-16-1.1(A)	240	140	100	200	16	488	430	94.5	50	110	4×Φ14	/	/

WQ Submersible Sewage Pump

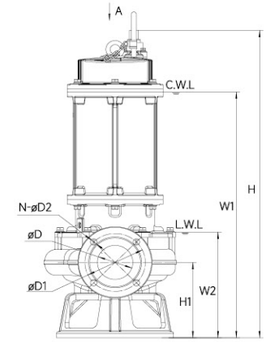
Model	L	L1	L2	L3	M	H	H1	H2	D	PN6		PN10	
										ΦD1	N-ΦD2	ΦD1	N-ΦD2
50WQ15-10-1.1	240	140	100	200	16	460	402	94.5	50	110	4×Φ14	/	/
50WQD15-10-1.1(A)	240	140	100	200	16	488	430	94.5	50	110	4×Φ14	/	/
50WQ20-10.5-1.1	240	120	99	200	16	459	402	94.5	50	110	4×Φ14	/	/
50WQD20-10.5-1.1	240	120	99	200	16	487	402	94.5	50	110	4×Φ14	/	/
65WQ15-10-1.1	240	140	100	200	16	462	405	97	65	130	4×Φ14	/	/
65WQD15-10-1.1(A)	240	140	100	200	16	490	432	97	65	130	4×Φ14	/	/
50WQ10-20-1.5	240	140	100	200	16	460	402	94.5	50	110	4×Φ14	/	/
50WQD10-20-1.5(A)	240	140	100	200	16	523	466	94.5	50	110	4×Φ14	/	/
50WQ15-15-1.5	240	140	100	200	16	460	402	94.5	50	110	4×Φ14	/	/
50WQD15-15-1.5(A)	240	140	100	200	16	523	466	94.5	50	110	4×Φ14	/	/
50WQ20-14-1.5	240	140	100	200	16	460	351	94.5	50	110	4×Φ14	/	/
50WQD20-14-1.5	240	140	100	200	16	522	460	94.5	50	110	4×Φ14	/	/
50WQ30-10-1.5	240	140	100	200	16	460	402	94.5	50	110	4×Φ14	/	/
50WQD30-10-1.5	240	140	100	200	16	522	460	94.5	50	110	4×Φ14	/	/
65WQ15-15-1.5	240	140	100	200	16	462	405	97	65	130	4×Φ14	/	/
65WQD15-15-1.5(A)	240	140	100	200	16	526	468	97	65	130	4×Φ14	/	/
50WQ15-20-2.2	240	140	100	200	16	496	438	94.5	50	110	4×Φ14	/	/
50WQ10-25-2.2	240	140	100	200	16	492	435	94.5	50	110	4×Φ14	/	/
65WQ15-20-2.2	240	140	100	200	16	498	441	97	65	130	4×Φ14	/	/
80WQ40-9-2.2	240	140	103	203	18	516	458	106.5	80	150	4×Φ19	/	/

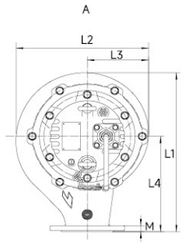




Model	L	L1	L2	L3	M	H	H1	H2	D	PN6		PN10	
										ΦD1	N-ΦD2	ΦD1	N-ΦD2
50WQ18-25-3	289	170	122	240	16	530	484	109.5	50	110	4×Φ14	/	/
65WQ25-22-3	289	170	122	240	16	530	484	109.5	65	130	4×Φ14	/	/
80WQ40-13-3	289	170	123	242	18	553	507	121.5	80	150	4×Φ19	/	/
100WQ60-9-3	303	180	135	254	18	557	511	125.5	100	170	4×Φ19	/	/
50WQ18-32-4	289	170	122	240	16	530	484	109.5	50	110	4×Φ14	/	/
65WQ25-28-4	289	170	122	240	16	530	484	109.5	65	130	4×Φ14	/	/
80WQ40-18-4	289	170	123	242	18	553	507	121.5	80	150	4×Φ19	/	/
100WQ60-13-4	303	180	135	254	18	557	511	125.5	100	170	4×Φ19	/	/

Dimension

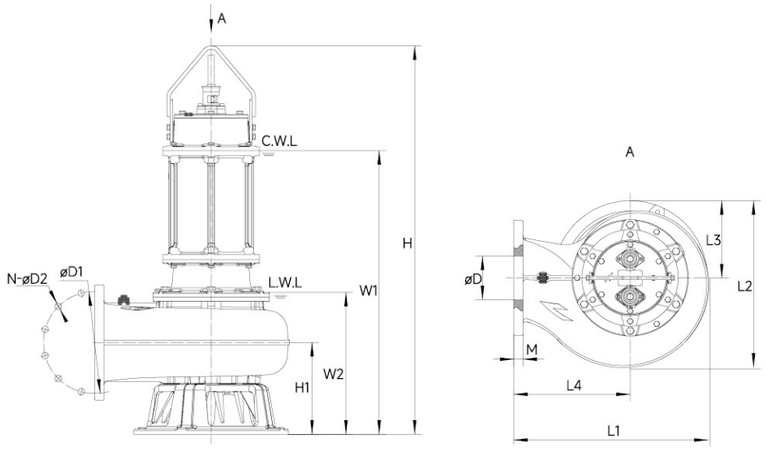




Model	L1	L2	L3	L4	M	H	H1	W1	W2	ΦD	PN6		PN10	
											ΦD1	N-ΦD2	ΦD1	N-ΦD2
50WQ15-40-5.5	335	310	155	200	20	767	144	584	221	50	110	4×Φ14	125	4×Φ14
80WQ30-30-5.5	355	310	155	200	18	773	142	602	225	80	150	4×Φ19	160	8×Φ19
80WQ50-15-5.5/4	467	373	172	280	22	880	203	706	285	80	150	4×Φ19	160	8×Φ19
100WQ45-22-5.5	355	310	155	200	18	780	143	609	234	100	170	4×Φ19	180	8×Φ19
100WQ65-15-5.5/4	467	373	200	280	18	903	221	722	295	100	170	4×Φ19	180	8×Φ19
100WQ130-10-5.5/4	494	388	213	300	24	915	219	729	317	100	170	4×Φ19	180	8×Φ18
150WQ110-10-5.5/4	495	387	217	300	20	940	240	756	330	150	227.5	8×Φ23	240	8×Φ23
50WQ20-45-7.5	335	310	155	200	20	809	144	626	221	50	110	4-Φ14	125	4×Φ19
80WQ30-36-7.5	355	310	155	200	18	812	142	640	225	80	150	4×Φ19	160	8×Φ19
100WQ65-22-7.5	355	310	155	200	18	820	143	639	234	100	170	4×Φ19	180	8×Φ19
150WQ100-10-7.5	365	317	162	210	20	841	154	660	241	150	227.5	8×Φ23	240	8×Φ23
80WQ45-22-7.5/4	467	373	172	280	22	880	203	706	285	80	150	4×Φ19	160	8×Φ19
100WQ100-15-7.5/4	467	373	200	280	18	903	221	722	295	100	170	4×Φ19	180	8×Φ19
100WQ150-11-7.5/4	494	388	213	300	24	915	219	729	317	100	170	4×Φ19	180	8×Φ18
150WQ150-10-7.5/4	495	387	217	300	20	940	240	756	330	150	227.5	8×Φ23	240	8×Φ23
200WQ250-6-7.5/4	550	475	245	320	28	964	237.5	778	366	200	284	8×Φ22	295	8×Φ22
50WQ20-55-11	372	304	158	220	20	854	166	239	697	50	114	4×Φ18	125	4×Φ18
50WQ30-50-11	372	304	158	220	20	854	166	239	697	50	114	4×Φ18	125	4×Φ18
65WQ50-40-11	377	322	167	220	20	867	158	681	247	65	135	4×Φ18	145	4×Φ18
80WQ45-40-11	343	278	143	200	18	842	141	225	685	80	150.	4×Φ19	160	8×Φ19
80WQ70-30-11	377	314	167	220	22	861	157	246	714	80	150	4×Φ19	160	8×Φ19
100WQ80-26-11	343	285	150	200	18	849	143	234	639	100	170	4×Φ19	180	8×Φ19
150WQ120-18-11	353	300	162	210	20	870	153	255	713	150	227.5	8×Φ23	240	8×Φ23
50WQ20-70-15	372	304	158	220	20	894	166	239	737	50	114	4×Φ18	125	4×Φ18
50WQ30-65-15	372	304	158	220	20	894	166	239	737	50	114	4×Φ18	125	4×Φ18
80WQ70-40-15	377	314	167	220	22	901	157	246	754	80	150	4×Φ19	160	8×Φ19

WQ Submersible Sewage Pump

Dimension



Model	L1	L2	L3	L4	M	H	H1	W1	W2	ΦD	PN6		PN10	
											ΦD1	N-ΦD2	ΦD1	N-ΦD2
100WQ100-25-11/4	550	460	230	320	28	1117	240	758	361	100	170	4×Φ19	180	8×Φ19
150WQ130-20-11/4	565	465	235	335	30	1135	251	775	377	150	228	8×Φ22	240	8×Φ22
150WQ180-11-11/4	565	466	209	335	30	1143	251	784	251	150	228	8×Φ22	240	8×Φ22
150WQ180-15-11/4	565	465	235	335	30	1135	251	775	377	150	228	8×Φ22	240	8×Φ22
200WQ300-7-11/4	623	514	222	370	30	1176	260	818	416	200	283	8×Φ22	295	8×Φ22
200WQ400-5-11/4	623	514	222	370	30	1176	260	818	416	200	283	8×Φ22	295	8×Φ22
250WQ370-8-11/4	668	572	307	400	32	1245	315	885	492	250	338	12×Φ22	350	12×Φ22
65WQ50-46-15	377	322	167	220	20	907	158	721	245	65	135	4×Φ18	145	4×Φ18
80WQ50-48-15	377	322	167	220	22	901	152	715	239	80	150	4×Φ19	160	8×Φ19
80WQ50-55-15	377	322	167	220	22	901	152	715	239	80	150	4×Φ19	160	8×Φ19
100WQ100-30-15/4	550	460	230	320	28	1162	240	803	361	100	170	4×Φ19	180	8×Φ19
150WQ100-30-15	420	331	176	250	26	913	160	727	253	150	228	8×Φ22	240	8×Φ22
150WQ150-23-15/4	465	565	235	335	30	1180	251	820	377	150	228	8×Φ22	240	8×Φ22
150WQ200-15-15/4	565	466	209	335	30	1188	251	829	251	150	228	8×Φ22	240	8×Φ22
200WQ250-11-15/4	623	514	222	370	30	1221	260	863	416	200	283	8×Φ22	295	8×Φ22
200WQ400-8-15/4	623	514	222	370	30	1221	260	863	416	200	283	8×Φ22	295	8×Φ22
250WQ400-10-15/4	669	573	308	400	32	1290	315	930	492	250	338	12×Φ22	350	12×Φ22

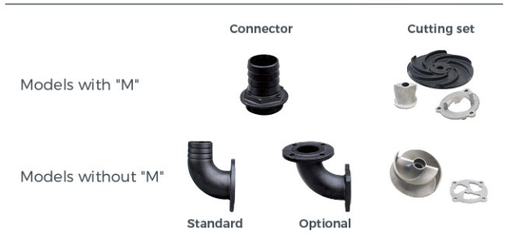
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Model	L1	L2	L3	L4	M	H	H1	W1	W2	ΦD	PN6		PN10	
											ΦD1	N-ΦD2	ΦD1	N-ΦD2
50WQ20-80-18.5	419	340	174	250	20	1106	166	254	764	50	114	4×Φ18	125	4×Φ18
50WQ30-75-18.5	419	340	174	250	20	1106	166	254	764	50	114	4×Φ18	125	4×Φ18
80WQ55-58-18.5	386	333	167	220	22	1108	152	748	238	80	150	4×Φ19	160	8×Φ19
80WQ70-50-18.5	386	333	167	220	22	1111	157	259	769	80	150	4×Φ19	160	8×Φ19
100WQ90-43-18.5	386	333	167	220	24	1108	152	748	238	100	170	4×Φ19	180	8×Φ19
100WQ100-33-18.5/4	550	460	230	320	28	1197	240	838	361	100	170	4×Φ19	180	8×Φ19
150WQ150-25-18.5/4	565	466	209	335	30	1223	251	864	251	150	228	8×Φ22	240	8×Φ22
200WQ300-13-18.5/4	623	514	222	370	30	1256	260	898	416	200	283	8×Φ22	295	8×Φ22
200WQ400-10-18.5/4	623	514	222	370	30	1256	260	898	416	200	283	8×Φ22	295	8×Φ22
250WQ600-6-18.5/4	666	570	259	400	32	1332	315	974	492	250	338	12×Φ22	350	12×Φ22
50WQ20-90-22	386	333	174	250	20	1111	166	254	764	50	114	4×Φ18	125	4×Φ18
50WQ30-85-22	419	340	174	250	20	1106	166	254	764	50	114	4×Φ18	125	4×Φ18
80WQ60-62-22	386	333	167	220	22	1108	152	748	238	80	150	4×Φ19	160	8×Φ19
80WQ70-55-22	419	340	167	220	22	1106	157	259	769	80	150	4×Φ19	160	8×Φ19
100WQ100-50-22	386	333	167	220	24	1108	152	748	238	100	170	4×Φ19	180	8×Φ19
100WQ130-35-22	386	333	167	220	24	1108	152	748	238	100	170	4×Φ19	180	8×Φ19
150WQ100-40-22	416	342	176	250	26	1120	160	760	266	150	228	8×Φ22	240	8×Φ22
100WQ100-36-22/4	550	460	230	320	28	1197	240	838	361	100	170	4×Φ19	180	8×Φ19
150WQ150-30-22/4	565	466	209	335	30	1223	251	864	251	150	228	8×Φ22	240	8×Φ22
200WQ300-17-22/4	623	514	222	370	30	1256	260	898	416	200	283	8×Φ22	295	8×Φ22
200WQ400-13-22/4	623	514	222	370	30	1256	260	898	416	200	283	8×Φ22	295	8×Φ22
250WQ600-7-22/4	666	570	259	400	32	1332	315	974	492	250	338	12×Φ22	350	12×Φ22
150WQ150-34-30/4	652	553	270	380	30	1200	250	855	340	150	/	/	240	8-Φ22
200WQ300-21-30/4	676	578	270	390	30	1240	270	895	380	200	/	/	295	8-Φ22
250WQ500-14-30/4	710	602	270	410	32	1265	275	920	400	250	/	/	350	12-Φ22
300WQ800-8-30/4	820	676	290	480	34	1315	310	970	450	300	/	/	400	12-Φ22
150WQ150-40-37/4	652	553	270	380	30	1255	250	850	340	150	/	/	240	8-Φ22
200WQ300-25-37/4	676	578	270	390	30	1295	270	890	380	200	/	/	295	8-Φ22
250WQ500-18-37/4	710	602	270	410	32	1315	275	910	400	250	/	/	350	12-Φ22
300WQ800-11-37/4	820	676	290	480	34	1365	310	860	450	300	/	/	400	12-Φ22
200WQ300-30-45/4	676	578	270	390	30	1295	270	930	380	200	/	/	295	8-Φ22
250WQ500-21-45/4	710	602	270	410	32	1315	275	950	400	250	/	/	350	12-Φ22
300WQ800-14-45/4	820	676	290	480	34	1365	310	1000	450	300	/	/	400	12-Φ22

WQ-T Submersible Sewage Pump

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Float switch is optional for single phase models.

Application

- Wastewater drainage in factories,construction sites and commercial facilities
- Drainage system in municipal sewage treatment plants
- Drainage station in residential quarters
- Municipal projects
- Methane pools and field irrigation in countryside

Pump

- Cable Length: Standard with 10m
- All electrophoresis casting parts
- High strength cutting system
- Flexible installations with hoses, pipes or quick-coupling
- Double-end mechanical seal
- Stainless Stell welded shaft
- Liquid density ≤1.2×10³kg/m³
- Liquid temperature: 0 - 40 ℃
- Liquid PH value: 4 - 10
- Max. immersion Depth: 10 m

Motor

- Current available with :220V/50HZ; 380V/50HZ
- Running mode:S1
- Copper winding
- Insulation class: F
- Enclosures class: IP68

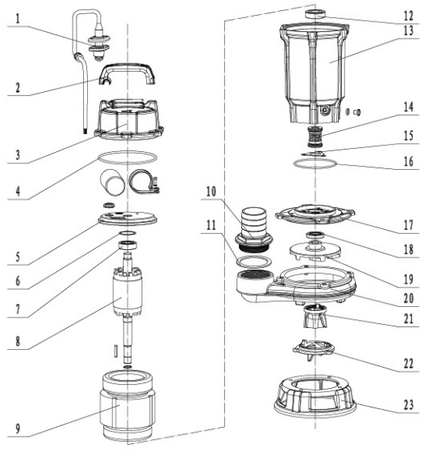
Identification Codes

50 WQ D 10-16-1.1 T(M)(A)/QG

- 50 — Nominal Diameter (mm)
- WQ — Submersible Sewage Pump
- D — Single Phase (Three phase without D)
- 10 — Rated Flow (m^3/h)
- 16 — Rated Head (m)
- 1.1 — Rated Power (kW)
- T — Features
- M — Threaded pump body (Optional flange pump body)
- A — With float switch(Optional)
- Q — Cutting blade
- G — Material

Material Table

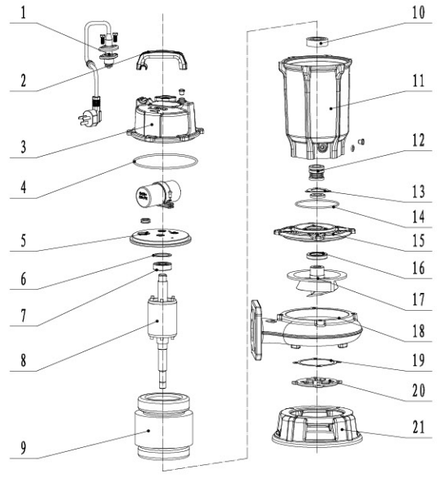
No.	Part	Material
1	Cable	
2	Handle	PP-GF10
3	Top Cover	HT200
4	O-Ring	NBR
5	End Cover	HT200
6	Wave Spring Washer	65Mn
7	Bearing	0.75kw:6202/1.1kw:6203
8	Rotor	Shaft:AISI304+45# Steel
9	Stator	
10	The water connection	HT200
11	Rubber washer	NBR
12	Bearing	0.75kw:6203/1.1kw:6204
13	Motor Casing	HT200
14	Mechanical Seal	Q2Q2/B6AV2P1F1F1
15	Pressing plate	AISI304
16	O-Ring	NBR
17	Cylinder Head	HT200
18	Oil Seal	NBR
19	Impeller	HT200
20	Pump Body	HT200
21	Cutter	9Cr18
22	Fixed cutter head	9Cr18
23	Base	HT200



0.75 - 1.1kW
Thread connector

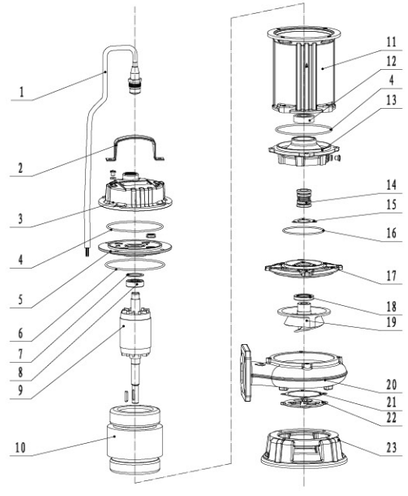
Material Table

No.	Part	Material
1	Cable	
2	Handle	PP-GF10
3	Top Cover	HT200
4	O-Ring	NBR
5	End Cover	HT200
6	Wave Spring Washer	65Mn
7	Bearing	6203
8	Rotor	Shaft:AISI304+45# Steel
9	Stator	
10	Bearing	6204
11	Motor Casing	HT200
12	Mechanical Seal	Q2Q2/B6AV2P1F1F1
13	Pressing plate	AISI304
14	O-Ring	NBR
15	Cylinder Head	HT200
16	Oil Seal	NBR
17	Impeller	HT200
18	Pump Body	HT200
19	Paper gasket	Highland barley paper
20	Fixed cutter head	9Cr18
21	Base	HT200



1.1kW
Flange connector

No.	Part	Material
1	Cable	
2	Handle	AISI304
3	Top Cover	HT200
4	O-Ring	NBR
5	End Cover	HT200
6	O-Ring	NBR
7	Wave Spring Washer	65Mn
8	Bearing	6203
9	Rotor	Shaft:AISI304+45# Steel
10	Stator	
11	Motor Casing	HT200
12	Bearing	2.2kw:6305/1.5kw:6204
13	Oil chamber	HT200
14	Mechanical Seals	Q2Q2/B6AV2P1F1F1
15	Pressing	AISI304
16	O_Sealing Ring	NBR
17	Cylinder Head	HT200
18	Oil Seal	NBR
19	Impeller	9Cr18
20	Pump Body	HT200
21	Paper gasket	Highland barley paper
22	Fixed cutter head	9Cr18
23	Base	HT200

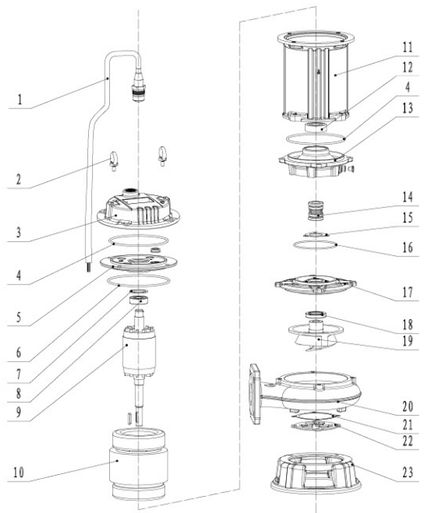


1.5 - 2.2kW

WQ-T Submersible Sewage Pump

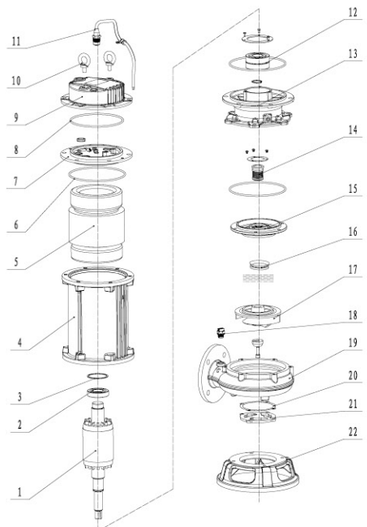
Material Table

No.	Part	Material
1	Cable	
2	Lifting Ring	AISI304
3	Top Cover	HT200
4	O-Ring	NBR
5	End Cover	HT200
6	O-Ring	NBR
7	Wave Spring Washer	65Mn
8	Bearing	6304
9	Rotor	Shaft:2Cr13
10	Stator	
11	Motor Casing	HT200
12	Bearing	6306
13	Oil chamber	HT200
14	Mechanical Seals	Q2Q2/B6AV2P1F1F1
15	Pressing	AISI304
16	O_Sealing Ring	NBR
17	Cylinder Head	HT200
18	Oil Seal	
19	Impeller	9Cr18
20	Pump Body	HT200
21	Paper gasket	Highland barley paper
22	Fixed cutter head	9Cr18
23	Base	HT200



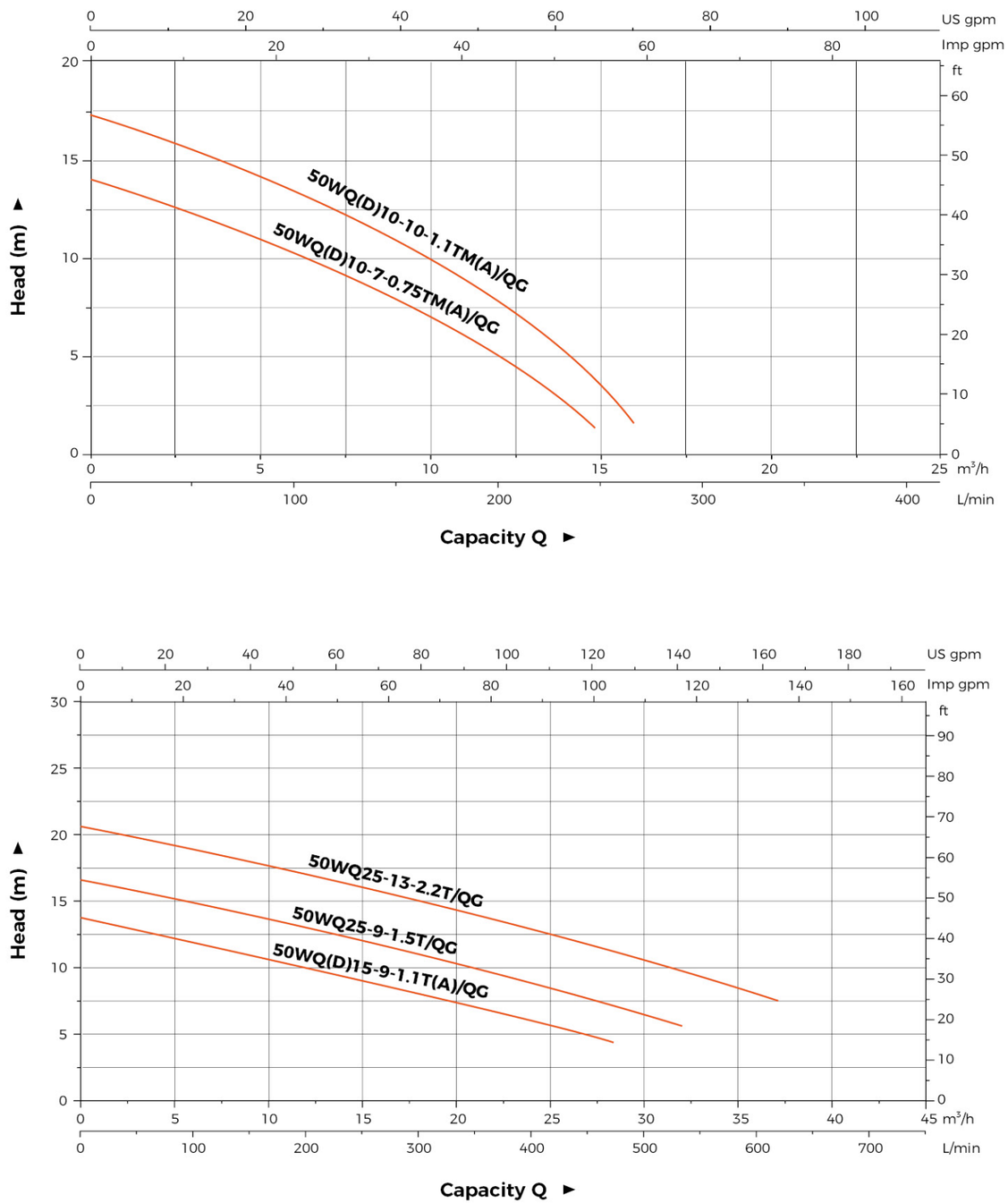
3 - 4kW

No.	Part	Material
1	Rotor	AISI304 + 45#
2	Bearing	
3	Wave Spring	65Mn
4	Cabinet	HT200
5	Winding	
6	O-Ring	NBR
7	Upper Cover	HT 200
8	O-Ring	NBR
9	Top Cover	HT200
10	Lifting Ring	AISI304
11	Cable Assembly	
12	Bearing	
13	Oil Chamber	HT200
14	Mechanical Seal	SiC-SiC
15	Pump Cover	HT200
16	V-Ring	NBR
17	Impeller	9Cr18
18	Exhaust Valve	PA66-GF30
19	Pump Body	HT200
20	Paper Gasket	Barley paper
21	Cutter Head	9Cr18
22	Base	HT200



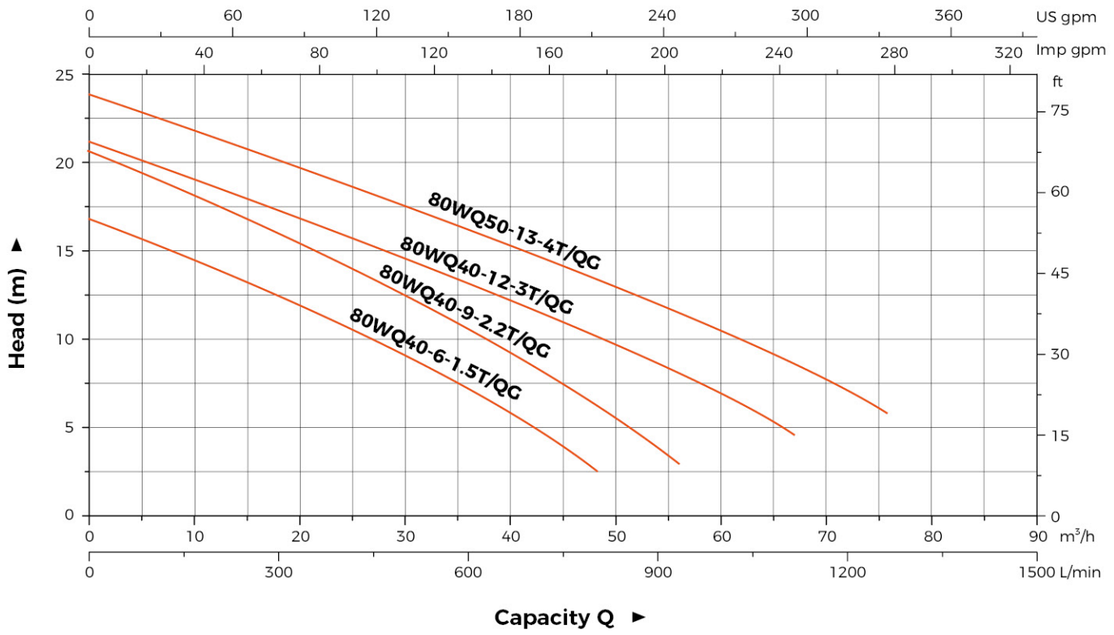
5.5 - 7.5kW

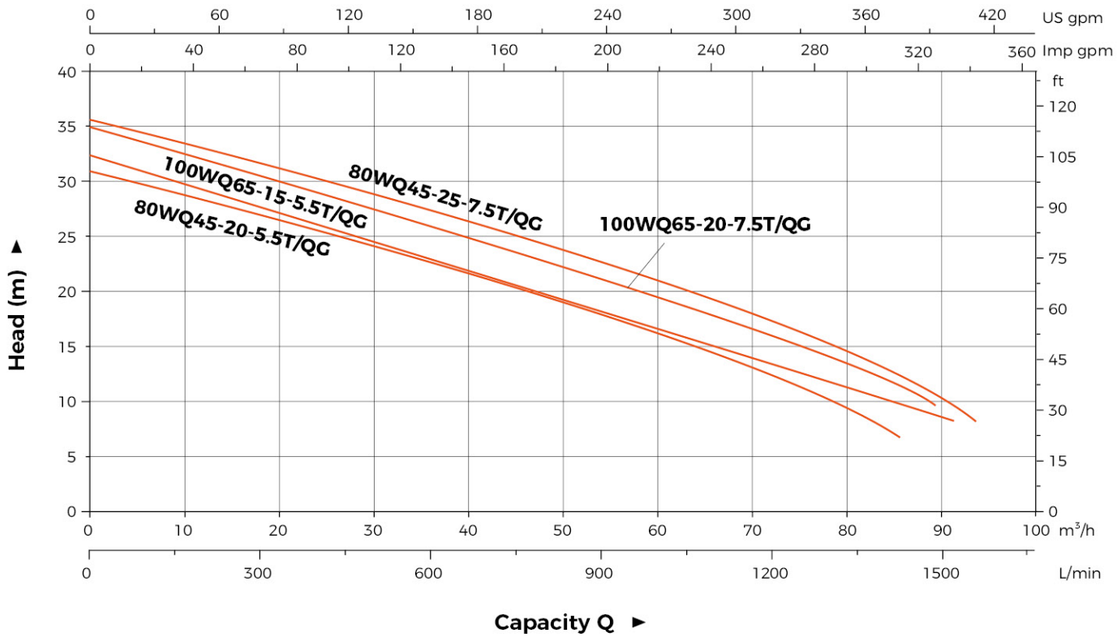
Hydraulic Performance Curves



WQ-T Submersible Sewage Pump

Hydraulic Performance Curves



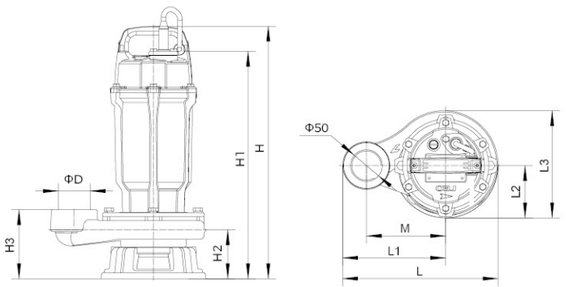


Technical Data

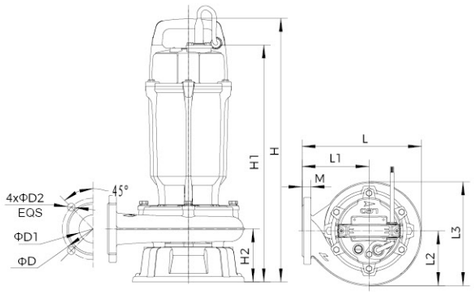
Model	Voltage	Speed	Max.Flow	Max.Head	Power		Outlet	Part No.	Price
	V	r.p.m	m³/h	m	KW	HP	inch		€
50WQD10-7-0.75TM(A)/QG	220~240	3000	14	14	0.75	1	2"	5046247004	335.68
50WQ10-7-0.75TM/QG	400	3000	14	14	0.75	1	2"	5076793001	335.68
50WQD10-7-0.75TMA/QG	220~240	3000	14	14	0.75	1	2"	5045236003	342.20
50WQD10-7-0.75T/QG	220~240	3000	14	14	0.75	1	2"	5076789001	341.15
50WQ10-7-0.75T/QG	400	3000	14	14	0.75	1	2"	5076800001	350.16
50WQD10-10-1.1TM/QG	220~240	3000	16	17	1.1	1.5	2"	5070739002	397.04
50WQ10-10-1.1TM/QG	400	3000	16	17	1.1	1.5	2"	5076796001	397.04
50WQD10-10-1.1TMA/QG	220~240	3000	16	17	1.1	1.5	2"	5070738002	403.56
50WQD15-9-1.1T/QG	220~240	3000	28	14	1.1	1.5	2"	5076791001	509.67
50WQ15-9-1.1T/QG	400	3000	28	14	1.1	1.5	2"	5076798001	509.67
50WQD15-9-1.1TA/QG	220~240	3000	28	14	1.1	1.5	2"	5045237002	516.19
50WQD25-9-1.5T/QG	220~240	3000	32	16	1.5	2	2"	5076785001	581.41
50WQ25-9-1.5T/QG	400	3000	32	16	1.5	2	2"	5049891002	534.18
80WQ40-6-1.5T/QG	400	3000	48	17	1.5	2	3"	5076787001	590.91
50WQ25-13-2.2T/QG	400	3000	37	20	2.2	3	2"	5076790001	561.85
80WQ40-9-2.2T/QG	400	3000	56	21	2.2	3	3"	5076794001	616.3
80WQ40-12-3T/QG	400	3000	68	21	3	4	3"	5076797001	897.55
80WQ50-13-4T/QG	400	3000	76	25	4	5.5	3"	5076799001	926.97
80WQ45-20-5.5T/QG	380	3000	60	30.5	5.5	7.5	3"	5076786001	1586.08
100WQ65-15-5.5T/QG	380	3000	80	32	5.5	7.5	4"	5076788001	1625.53
80WQ45-25-7.5T/QG	380	3000	60	35.5	7.5	10	3"	5076792001	1890.97
100WQ65-20-7.5T/QG	380	3000	80	34.5	7.5	10	4"	5076795001	1930.38

WQ-T Submersible Sewage Pump

Dimension

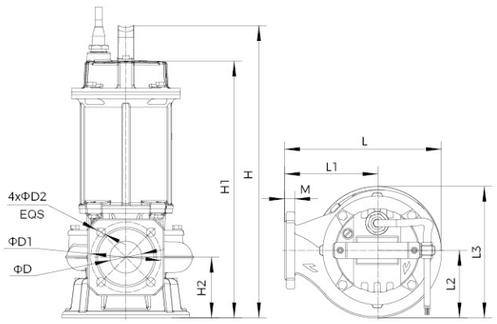


0.75 - 1.1 kW

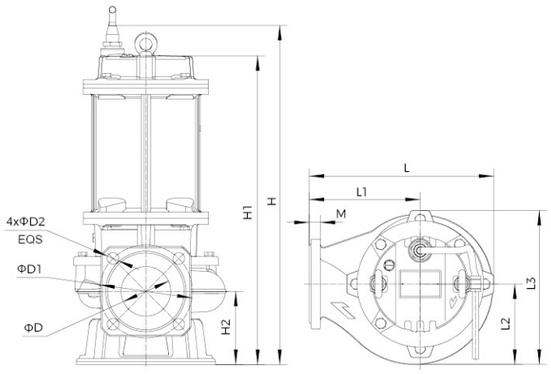


1.1 kW

Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
50WQD10-7-0.75TM(A)/QG	245	163	82.5	169	125	397.5	358	76	50	/	/
50WQ10-7-0.75TM/QG	245	163	82.5	169	125	397.5	358	76	50	/	/
50WQD10-10-1.1TM(A)/QG	268	168	100	200	133	453.5	407.5	90	50	/	/
50WQ10-10-1.1TM/QG	268	168	100	200	133	453.5	407.5	90	50	/	/
50WQD15-9-1.1T(A)/QG	245.5	145	100.5	206	16	470.5	437.5	94.5	50	110	14
50WQ15-9-1.1T/QG	245.5	145	100.5	206	16	470.5	437.5	94.5	50	110	14



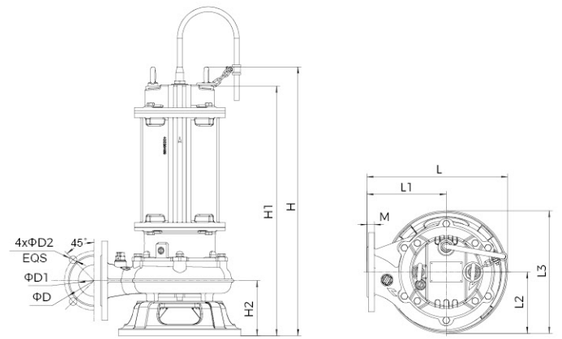
1.5 - 2.2 kW



3 - 4 kW

Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
50WQ25-9-1.5T/QG	245.5	145	106	206	16	457	399.5	94.5	50	110	14
80WQ40-6-1.5T/QG	272.5	160	117	229	18	472.5	415	110	80	150	19
50WQ25-13-2.2T/QG	245.5	145	106	206	16	493	437.5	94.5	50	110	14
80WQ40-9-2.2T/QG	272.5	160	117	229	18	509	453	110	80	150	19
80WQ40-12-3T/QG	298	179	130	248.5	18	544	498.5	118	80	150	19
80WQ50-13-4T/QG	298	179	130	248.5	18	544	498.5	118	80	150	19

Dimension



5.7 - 7.5 kW

Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
80WQ45-20-5.5T/QG	355	200	155	310	18	683	631	139	150	80	19
100WQ65-15-5.5T/QG	355	200	155	310	18	685	366	138	170	100	19
80WQ45-25-7.5T/QG	355	200	155	310	18	722	670	139	150	80	19
100WQ65-20-7.5T/QG	355	200	155	310	18	724	672	138	170	100	19

Elbow, Coupling



Coupling suitable for DN50-80



Coupling suitable for DN100-400

Guide Rail System

- Suitable for pumps with flange conforming ISO7005-92 standard.
- Automatic engagement with flanged elbow

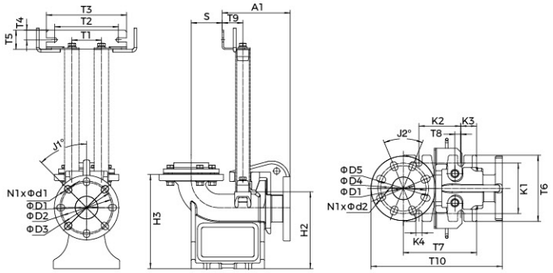
Includes

- Duck-foot bend
- Guide hook
- Flange connector
- Upper guide support
- Bolts and lock washers
  (Foundation bolts and guide pipes are not included)

Identification Codes

SW 50 - 50

- Pipe Diameter
- Pump Outlet
- LEO Product Style



Dimension

Model	D1	D2	D3	D4	D5	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10
SW50-50(PN6)	50	90	110	105	125	75	182	230	28	55	165	190	12	52.8	342.5
SW50-50(PN10)	50	125	165	105	125	75	182	230	28	55	165	190	12	52.8	342.5
SW65-65(PN6)	65	-	130	130	145	85	182	230	28	55	195	210	17	59.1	372.5
SW65-65(PN10)	65	-	130	130	145	85	182	230	28	55	195	210	17	59.1	372.5
SW80-80(PN6)	80	-	150	145	160	85	182	230	28	55	220	317	26	59.1	417
SW80-80(PN10)	80	-	150	145	160	85	182	230	28	55	220	317	26	59.1	417
SW100-100(PN6)	100	-	170	170	180	100	182	250	28	55	220	350	38	59	494
SW100-100(PN10)	100	-	180	170	180	100	182	250	28	55	220	350	38	59	494
SW150-150(PN6/PN10)	150	227.5	240	225	240	100	182	250	28	55	330	460	40	59	577.5
SW200-200(PN6/PN10)	200	283	295	283	295	200	260	320	28	55	360	520	39	65	660
SW250-250(PN6/PN10)	250	338	350	338	350	200	260	320	28	55	400	570	38	65	731.5

Model	H1	H2	H3	K1	K2	K3	K4	J1	J2	N1	N2	d1	d2	S	A1
SW50-50(PN6)	170	205	260	115	100	48	18	90	90	4	4	14	19	133	179.5
SW50-50(PN10)	170	205	260	115	100	48	18	90	90	4	4	19	19	133	179.5
SW65-65(PN6)	175	220	270	145	120	48	18	90	45	4	8	14	19	148	191.1
SW65-65(PN10)	175	220	270	145	120	48	18	90	45	4	8	19	19	148	191.1
SW80-80(PN6)	190	245	290	175	158	42	20	90	45	4	8	18	20	174	202.1
SW80-80(PN10)	190	245	290	175	158	42	20	45	45	8	8	19	20	174	202.1
SW100-100(PN6)	230	300	360	169	266	41	22	90	45	4	8	19	19	135	216
SW100-100(PN10)	230	300	360	169	266	41	22	45	45	8	8	19	19	135	216
SW150-150(PN6/PN10)	275	380	447	280	340	57	22	45	45	8	8	22	22	191	244
SW200-200(PN6/PN10)	330	443	551	300	395	59	28	45	45	8	8	22	22	230	260
SW250-250(PN6/PN10)	385	525	641	340	440	64	28	30	30	12	12	22	22	270	164

Standard with threaded flange and fastening bolt, with bracket welder; Without guide rod, guide chain and anchor bolts, and without fixed bolts for bracket weldment, the customer shall provide them by himself. Guide rod can be standard galvanized water pipe.(DN100 and above are circular outlets without flanges)

Package Information

Model	Caliber (mm)	Nominal pressure	Packing Dimension (mm)	Part No.	Price (€)
SW50-50(PN6)	50	PN6	377x322x205	4098114023	
SW50-50(PN10)	50	PN10	377x322x206	4098114024	
SW65-65(PN6)	65	PN6	406x339x230	4101955004	
SW65-65(PN10)	65	PN10	406x339x231	4101955005	
SW80-80(PN6)	80	PN6	460x375x270	4101956008	
SW80-80(PN10)	80	PN10	460x375x270	4101956009	
SW100-100(PN6)	100	PN6	523x483x296	4048645007	
SW100-100(PN10)	100	PN10	523x483x296	4048645008	
SW150-150(PN6/PN10)	150	PN6/PN10	605x355x650	4048721008	
SW200-200(PN6/PN10)	200	PN6/PN10	690x390x757	4152089001	
SW250-250(PN6/PN10)	250	PN6/PN10	765x430x845	4152090001	

Accessories

Tank

24 V T T S - G1 S

- S: Stainless Steel Cover (Iron Tank without S)
- G1: Cover Thread
- S: Stainless Steel Tank (Iron Tank without S)
- T: Actual Capacity=Nominal Capacity
- T: Pressure Tank
- V: Tank Type
  - S: Vertical Flat Tank
  - C: Horizontal Tank
  - V: Vertical Tank
  - F: Vertical Tank with Foot Base
- 24: Nominal Tank Capacity



Model	Max. Pressure (bar)	Nominal Capacity (L)	Actual Capacity (L)	Membrane	Max. Temp (°C)	Connection	Part No.	Price (€)
24ST-G1	8	24	20	Epdm	60	G1", G3/4", NPT1"	1020862013	44.77
24STT-G1	8	24	24	Epdm	60	G1", G3/4", NPT1"	1021082010	48.70



Model	Max. Pressure (bar)	Nominal Capacity (L)	Actual Capacity (L)	Membrane	Max. Temp (°C)	Connection	Part No.	Price (€)
2VT-G1	8	2	2	Epdm	60	G½", NPT½"	1155445001	10.99
4VT-G1	8	4	4	Epdm	60	G1", NPT1"	1155446001	20.04
5VT-G1	8	5	5	Epdm	60	G1", NPT1"	1155447001	23.17
8VT-G1	8	8	8	Epdm	60	G1", NPT1"	1124767003	26.70
19VT-G1	8	19	18	Epdm	60	G1", NPT1"	1021271005	43.20
24VT-G1	8	24	20	Epdm	60	G1", NPT1"	1020873006	45.97
24VTT-G1	8	24	24	Epdm	60	G1", NPT1"	1020893009	48.70

Tank



Model	Max. Pressure (bar)	Nominal Capacity (L)	Actual Capacity (L)	Membrane	Max. Temp (°C)	Connection	Part No.	Price (€)
19CT-G1	8	19	18	Epdm	60	G1", G3/4", G3/8", NPT1"	1021114022	47.13
24CT-G1	8	24	20	Epdm	60	G1", G3/4", G3/8", NPT1"	1020958044	50.26
24CTT-G1	8	24	24	Epdm	60	G1", G3/4", G3/8", NPT1"	1020896039	52.62
50CT-G1	8	50	36	Epdm	60	G1", G3/4", G3/8", NPT1"	1020913022	79.71
50CTT-G1	8	50	50	Epdm	60	G1", G3/4", G3/8", NPT1"	1020918029	107.60
60CTT-G1	8	60	60	Epdm	60	G1", G3/4", G3/8", NPT1"	1020868019	111.53
100CT-G1	8	100	80	Epdm	60	G1", G3/4", G3/8", NPT1"	1020874014	129.60
100CTT-G1	8	100	100	Epdm	60	G1", G3/4", G3/8", NPT1"	1020860023	147.28



Model	Max. Pressure (bar)	Nominal Capacity (L)	Actual Capacity (L)	Membrane	Max. Temp (°C)	Connection	Part No.	Price (€)
50FT-G1	8	50	36	Epdm	60	G1", G3/4", NPT1"	1028656004	78.95
50FTT-G1	8	50	50	Epdm	60	G1", G3/4", NPT1"	1020916012	107.60
60FTT-G1	8	60	60	Epdm	60	G1", G3/4", NPT1"	1020864016	111.53
100FT-G1	8	100	80	Epdm	60	G1", G3/4", NPT1"	1020919009	129.60
100FTT-G1	8	100	100	Epdm	60	G1", G3/4", NPT1"	1020920026	147.28
150FTT-G1	8	150	150	Epdm	60	G1", G3/4", NPT1"	1020850012	355.82
200FTT-G1	10	200	200	Epdm	60	G1½", NPT1½"	1155448001	662.55
300FTT-G1	10	300	300	Epdm	60	G1½", NPT1½"	1155449001	768.94
500FTT-G1	16	500	500	Epdm	60	G1½", NPT1½"	1155450001	1,811.63

Accessories

3-Way / 5-Way



5TA 5TB 3TA

Model	Length	Copper material	Spring and filte material	Part No.	Price (€)
3TA	L=70mm	Brass	SS304	1123611004	8.19
3TA	L=80mm	Brass	SS304	1123611006	8.40
5TA	L=80mm	Brass	SS304	1155506002	8.80
5TA	L=90mm	Brass	SS304	1155506003	10.59
5TB	L=80mm	Brass	SS304	1155506004	8.70
5TB	L=90mm	Brass	SS304	1155506005	10.19

Foot Valve



FVA

- Stainless Steel mesh
- Can be used as a check valve

Model	Connection	Copper material	Spring and filte material	Part No.	Price (€)
FVA1	1"	HPb57-3	SS304	1155508001	10.44
FVA1.25	11/4"	HPb57-3	SS304	1155508002	14.80
FVA1.5	11/2"	HPb57-3	SS304	1155508003	18.95
FVA2	2"	HPb57-3	SS304	1155508004	21.68
FVA3	3"	HPb57-3	SS304	1155508005	81.57

Filter



Model	Capacity	Max.Pressure	Inlet/Outlet	Part No.	Price (€)
WF-01B	1L	5bar	1" x 1"	4094948015	21.60
WF-02B	2L	5bar	1" x 1"	4094949017	27.90

Pressure Gauge



Axial Radial

PG - P 40 A

- A: Axial; R: Radial
- Size (40mm,50mm, 60mm)
- P: Plastic; S:Iron sheet; SS: Stainless steel
- Pressure gauge

- Two connection types: (1)G1/4" (2)M10x1
- For 40mm gauge, the scale: 0 - 6 bar
- For 50mm gauge, the scale: 0 - 10 bar or 0 - 6 bar
- Back/bottom connection

Model	Pressure	Structure	Size (mm)	Case Material	Part No.	Price (€)
PG-P40A	0-6bar	Axial	40	Plastic	1040247007	5.06
PG-P40A	0-10bar	Axial	40	Plastic	1040280004	5.06
PG-P40A	0-12bar	Axial	40	Plastic	1040288005	5.06
PG-P40A	0-6bar	Axial	40	Plastic	1040247008	5.06
PG-P40A	0-10bar	Axial	40	Plastic	1040280005	5.06
PG-P40A	0-12bar	Axial	40	Plastic	1040288006	5.06
PG-P40R	0-6bar	Radial	40	Plastic	1040253007	5.06
PG-P40R	0-10bar	Radial	40	Plastic	1040223004	5.06
PG-P40R	0-12bar	Radial	40	Plastic	1154946002	5.06
PG-P50A	0-6bar	Axial	50	Plastic	1040250004	5.42
PG-P50A	0-10bar	Axial	50	Plastic	1040242003	5.42
PG-P50A	0-12bar	Axial	50	Plastic	1040284002	5.42
PG-P50R	0-6bar	Radial	50	Plastic	1040272006	5.28
PG-P50R	0-10bar	Radial	50	Plastic	1040234008	5.28
PG-P50R	0-12bar	Radial	50	Plastic	1040258005	5.28
PG-P50R	0-20bar	Radial	50	Plastic	1123827003	5.28
PG-P60A	0-6bar	Axial	60	Plastic	1040285004	5.93
PG-P60A	0-10bar	Axial	60	Plastic	1139388002	5.93
PG-P60A	0-16bar	Axial	60	Plastic	1040275002	5.93
PG-P60A	0-20bar	Axial	60	Plastic	1040300002	5.93
PG-P60R	0-6bar	Radial	60	Plastic	1040292003	5.93
PG-P60R	0-10bar	Radial	60	Plastic	1152990002	5.93
PG-P60R	0-12bar	Radial	60	Plastic	1040310002	5.93
PG-P60R	0-20bar	Radial	60	Plastic	1069523004	5.93
PG-S40A	0-6bar	Axial	40	Iron Sheet	1040226012	4.95
PG-S40R	0-6bar	Radial	40	Iron Sheet	1040225007	4.55
PG-S50A	0-6bar	Axial	50	Iron Sheet	1040222005	5.57
PG-S50A	0-10bar	Axial	50	Iron Sheet	1040245005	5.57
PG-S50R	0-6bar	Radial	50	Iron Sheet	1040271003	5.46
PG-S50R	0-10bar	Radial	50	Iron Sheet	1040232005	5.46
PG-S60R	0-10bar	Radial	60	Iron Sheet	1121469004	5.39
PG-S60R	0-16bar	Radial	60	Iron Sheet	1040220005	5.39
PG-S60R	0-30bar	Radial	60	Iron Sheet	1040267002	5.39
PG-SS40A	0-6bar	Axial	40	Stainless Steel	1125313002	5.79
PG-SS40R	0-6bar	Radial	40	Stainless Steel	1040229004	5.75
PG-SS50R	0-10bar	Radial	50	Stainless Steel	1040241007	6.66

Accessories

Flexible Hose



Model	Material	Length	Thread	Remarks	Part No.	Price (€)
FH7.8-12	Stainless steel wire pipe (17)	78mm	G1/2~G1/2		1029452002	5.71
FH9-12	Stainless steel wire pipe (17)	90mm	G1/2-G1/2		1155451001	5.71
FH11.2-05	Stainless steel wire pipe (17)	112mm	G3/4-ZG3/8		1155452001	4.95
FH11.7-08	Stainless steel wire pipe (17)	117mm	G3/8~G1/2		1155453001	4.73
FH11-06	Stainless steel wire pipe (26.5)	110mm			1155454001	6.84
FH12.5-01	Stainless steel wire pipe (17)	125mm	G3/4-G3/8		1155455001	5.97
FH12.5-03	Stainless steel wire pipe (26.5)	125mm			1155456001	10.62
FH12.8-01	Stainless steel wire pipe (17)	128mm	G3/4-G3/8		1155457001	6.00
FH13.8-01	Stainless steel wire pipe (17)	138mm	G3/4-G3/8		1155458001	6.04
FH15.2-01	Stainless steel wire pipe (17)	152mm			1155459001	6.08
FH15.7-05	Stainless steel wire pipe (17)	157mm			1155460001	5.24
FH15-12	Stainless steel wire pipe (17)	150mm	G1/2~G1/2		1023490002	5.97
FH16.2-04	Stainless steel wire pipe (26.5)	162mm			1155461001	9.02
FH16.5-13	Stainless steel wire pipe (26.5)	165mm	G3/4-ZG3/4		1155462001	8.70
FH17.2-01	Stainless steel wire pipe (17)	172mm			1155463001	6.26
FH19-01	Stainless steel wire pipe (17)	190mm			1155464001	6.26
FH19-04	Stainless steel wire pipe (26.5)	190mm			1155465001	9.28
FH21-07	Stainless steel wire pipe (26.5)	210mm			1155466001	12.30
FH22.5-08	Stainless steel wire pipe (17)	225mm	G3/8~G1/2		1155467001	5.24
FH25.5-06	Stainless steel wire pipe (26.5)	255mm	G3/4-ZG3/4	External thread	1155468001	8.04
FH25-05	Stainless steel wire pipe (17)	250mm	G3/8-G3/4		1155469001	5.53
FH26.5-08	Stainless steel wire pipe (17)	265mm	G3/8~G1/2		1155470001	5.39
FH27-04	Stainless steel wire pipe (26.5)	270mm	G3/4-ZG3/4	External thread	1155471001	9.93
FH27-09	Stainless steel wire pipe (26.5)	270mm	G3/4-G1		1155472001	10.95
FH27-12	Stainless steel wire pipe (17)	270mm	G3/4-G3/4		1155473001	8.30
FH28.5-06	Stainless steel wire pipe (26.5)	285mm	G3/4-ZG3/4	External thread	1155474001	8.37
FH28-01	Stainless steel wire pipe (17)	280mm	G3/8-G3/4		1155475001	6.70
FH28-05	Stainless steel wire pipe (17)	280mm	G3/4-G3/8		1155476001	5.68
FH30.5-07	Stainless steel wire pipe (26.5)	305mm			1155477001	12.62
FH32-01	Stainless steel wire pipe (17)	320mm	G3/8-G3/4		1155478001	6.80
FH32-05	Stainless steel wire pipe (17)	320mm	G3/8-G3/4		1155479001	5.82
FH32-08	Stainless steel wire pipe (17)	320mm	G3/8~G1/2		1155480001	5.60
FH35-04	Stainless steel wire pipe (26.5)	350mm	G3/4-ZG3/4	External thread	1155481001	10.62
FH35-05	Stainless steel wire pipe (17)	350mm	G3/8-G3/4		1155482001	5.86
FH42-03	Stainless steel wire pipe (26.5)	420mm	G1-ZG1	External thread	1155483001	13.06
FH44-03	Stainless steel wire pipe (26.5)	440mm	G1-ZG1	External thread	1155484001	13.20
FH44-03	Stainless steel wire pipe (26.5)	440mm	NPT1-NPT1	American thread	1155484002	13.10
FH44-04	Stainless steel wire pipe (26.5)	440mm	G3/4-ZG3/4	External thread	1155485001	11.35
FH48-03	Stainless steel wire pipe (26.5)	480mm	G1-ZG1	External thread	1155486001	13.53
FH50-03	Stainless steel wire pipe (26.5)	500mm	NPT1-NPT1	American thread	1155487001	13.60
FH50-03	Stainless steel wire pipe (26.5)	500mm	G1-ZG1	External thread	1155487002	13.71
FH55-03	Stainless steel wire pipe (26.5)	550mm	G1-ZG1	External thread	1155488001	14.08
FH60-03	Stainless steel wire pipe (26.5)	600mm	G1-ZG1	External thread	1155489001	14.40
FH60-11	Stainless steel wire pipe (26.5)	600mm	G1-ZG1	External thread	1155490001	12.19
FH64-03	Stainless steel wire pipe (26.5)	640mm	G1-ZG1	External thread	1155491001	14.73
FH65-03	Stainless steel wire pipe (26.5)	650mm	G1-ZG1	External thread	1155492001	14.73
FH70-03	Stainless steel wire pipe (26.5)	700mm	G1-ZG1	External thread	1155493001	15.20
FH70-11	Stainless steel wire pipe (26.5)	700mm	G1-ZG1		1155494001	13.06
FH75-11	Stainless steel wire pipe (26.5)	750mm			1155495001	13.39
FH80-03	Stainless steel wire pipe (26.5)	800mm	G1-ZG1	External thread	1155496001	16.37
FH80-11	Stainless steel wire pipe (26.5)	800mm	G1-ZG1	External thread	1155497001	13.75
FH85-11	Stainless steel wire pipe (26.5)	850mm			1155498001	14.19
FH100-03	Stainless steel wire pipe (26.5)	1000mm	G1-G1	External thread	1155499001	17.39
FH18-12	Stainless steel wire pipe (26.5)	180mm	G1/2-G1/2		1155500001	6.11
FH18.5-08	Stainless steel wire pipe (26.5)	185mm			1155501001	5.06
FH19-08	Stainless steel wire pipe (26.5)	190mm			1155502001	5.06
FH19-12	Stainless steel wire pipe (26.5)	190mm	G1/2-G1/2		1155503001	6.22
FH19.5-08	Stainless steel wire pipe (26.5)	195mm			1155504001	5.10
FH19.6-12	Stainless steel wire pipe (26.5)	196mm	G1/2-G1/2		1023570002	6.26
FH20.5-12	Stainless steel wire pipe (26.5)	250mm	G1/2-G1/2		1155505001	6.26

Accessories

Pressure Switch



PS-02A



PS-02B



PS-02C



PS-02D

Model	Remark	Pressure	Protection Class	Part No.	Price (€)
PS-02A	With joint	1.0/2.1bar	IP20	1051090006	9.97
PS-02A	With joint	1.4/2.8bar	IP20	1051090007	9.97
PS-02A	With joint	2.1/3.5bar	IP20	1051090008	9.97
PS-02A	With joint	2.8/4.2bar	IP20	1051090009	9.97
PS-02A	With joint	3.5/4.9bar	IP20	1051090010	9.97
PS-02A	No joint	1.0/2.1bar	IP20	1051090012	9.20
PS-02A	No joint	1.4/2.8bar	IP20	1051090013	9.20
PS-02A	No joint	2.1/3.5bar	IP20	1051090014	9.20
PS-02A	No joint	2.8/4.2bar	IP20	1051090015	9.20
PS-02A	No joint	3.5/4.9bar	IP20	1051090016	9.20
PS-02B	With joint	1.4/2.8bar	IP20	1112251002	11.64
PS-02B	With joint	2.1/3.5bar	IP20	1112251003	11.64
PS-02B	No joint	1.4/2.8bar	IP20	1112251006	11.24
PS-02B	No joint	2.1/3.5bar	IP20	1112251007	11.24
PS-02C	With joint	1.2/2.4bar	IP44	1023962012	10.70
PS-02C	With joint	1.4/2.8bar	IP44	1023962013	10.70
PS-02C	With joint	1.5/3.0bar	IP44	1023962014	10.70
PS-02C	With joint	2.0/3.5bar	IP44	1023962015	10.70
PS-02C	With joint	3.5/4.9bar	IP44	1023962016	10.70
PS-02C	No joint	1.2/2.4bar	IP44	1023962017	9.71
PS-02C	No joint	1.4/2.8bar	IP44	1023962018	9.71
PS-02C	No joint	1.5/3.0bar	IP44	1023962019	9.71
PS-02C	No joint	2.0/3.5bar	IP44	1023962020	9.71
PS-02C	No joint	3.5/4.9bar	IP44	1023962021	9.71
PS-02D	-	1.4/2.8ar	IP20	1040224017	9.82
PS-02D	-	2.1/3.4ar	IP20	1040224018	9.82
PS-02D	-	2.8/4.1ar	IP20	1040224019	9.82
PS-02D	-	3.4/4.8ar	IP20	1040224020	9.82

Automatic Pump Controller



PS-04A



PS-04E-1



PS-04T

Model	Max. Power	Rated Voltage	Max. Current	Starting Pressure	Max. Working Pressure	Screw Size	Protection Class	Cable	Part No.	Price (€)
PS-04A	1.1KW	220~240V	10(6)A	1.5bar	10bar	G1"	IP65	1.6m Europ Plug with 45cm cable	1024010119	72.66
PS-04T	1.1KW	220~240V	10(6)A	1.2~1.5bar	10bar	G1"	IP65	1.6m Europ Plug with 45cm cable	1024204017	82.08
PS-04E-1	2.2kw	220~240V	30(16)A	0.5~6.7bar	8bar	G1"	IP65	1.6m Europ Plug with 45cm cable	1025197009	109.97

Float Switch



FLO-01B



FLO-01B(With balance block)

Model	Wire Length	Part No.	Price (€)
FLO-01B	0.55m	4048750459	5.46
	0.65m	4048750460	5.71
	0.75m	4048750461	5.93
	2m	4048750462	9.53
	3m	4048750463	11.97
	5m	4048750464	16.99
	10m	4048750465	29.17
	15m	4048750466	42.37
	20m	4048750467	55.13
FLO-01B (With balance block)	0.55m	4048750468	7.39
	0.65m	4048750469	7.57
	0.75m	4048750470	7.86
	2m	4048750471	11.24
	3m	4048750472	13.68
	5m	4048750473	18.66
	10m	4048750474	30.30
	15m	4048750475	43.86
	20m	4048750476	56.59

Accessories

Capacitor



2 wires



2(4) terminals

Capacity(μF)	Type	Diameter(mm)	Length (mm)
6	2 wires	32	66
8	2 wires	32	66
8	4 terminals	35	72
10	2 wires	34	62
10	4 terminals	35	72
12	2 wires	40	73
16	2 wires	42	71
16	4 terminals	42	73
20	2 wires	42	74
20	4 terminals	42	74
25	2 wires	42	82
35	4 terminals	42	70
40	2 wires	42	82
40	4 terminals	45	73
42.5	2 terminals	51	100
45	2 terminals	51	100
50	2 terminals	51	100