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Pumps

- Peripheral Pump
- Jet Pump
- Centrifugal Pump
- Submersible Pump
- Submersible Sewage Pump
- Flexible Shaft Pump
- Domestic Lifting Station
- Pool Pump
- Garden Submersible Pump
- Garden Jet Pump
- Pressure Booster System
- Fountain Pump
- Standard Centrifugal Pump
- Submersible Borehole Pump

LEO GROUP PUMP(ZHEJIANG) CO.,LTD. (Stock code: 002131)

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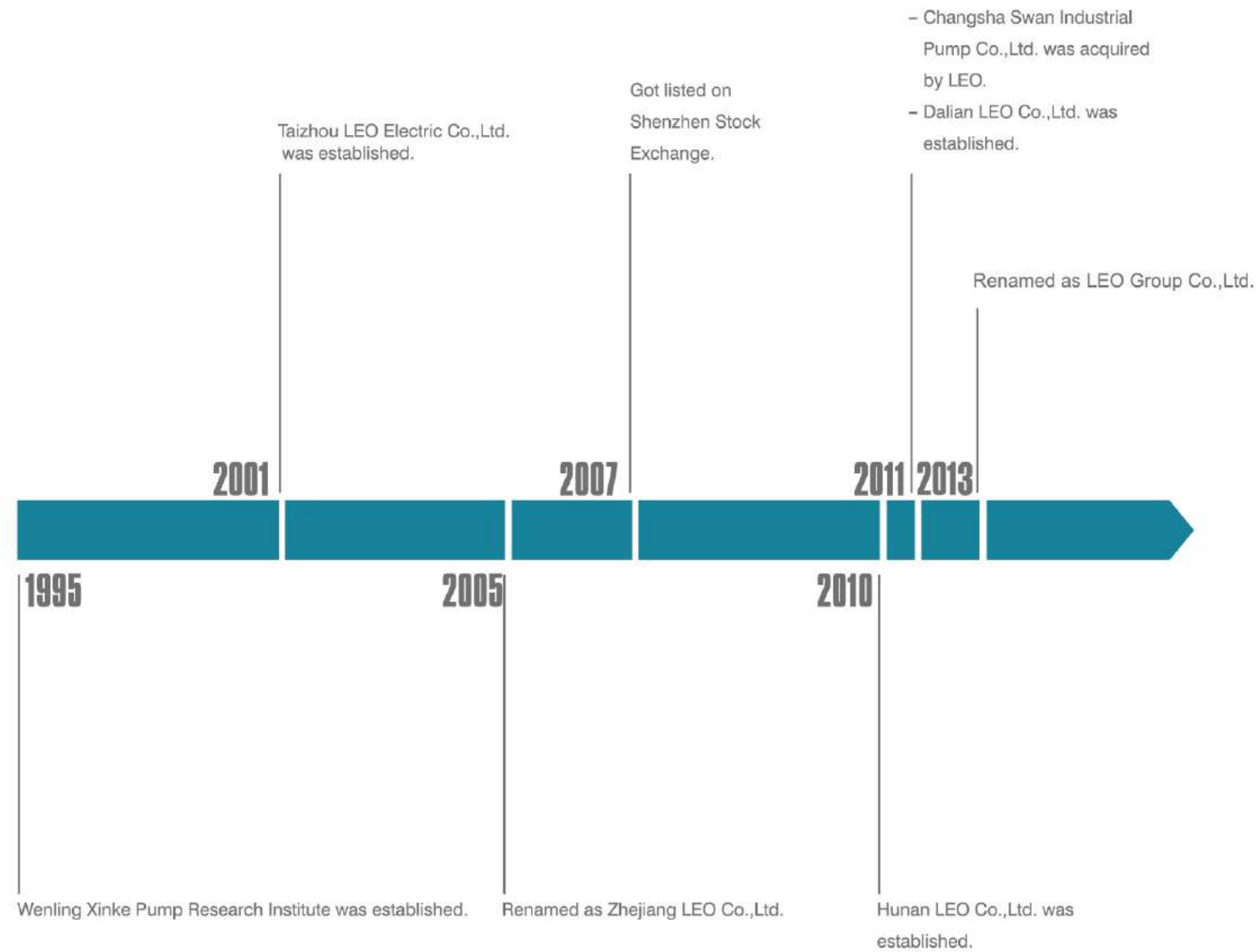
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LEO GROUP PUMP(ZHEJIANG) CO.,LTD.



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HISTORY



TO KNOW LEO

LEO Group (got listed in Shenzhen Stock Exchange with stock code 002131) is a national high-tech enterprise engaged in R&D, design , manufacture, sales and service of all series pump. LEO is the first listed company in Chinese pump industry, one of the drafters of pump industry standard and the vice president of drainage and irrigation machinery branch of China Agricultural machinery industry association as well. It is mentionable that LEO has the only state-authorized technical center in this industry.

Our products have been sold to over 120 countries and regions, such as Europe, North America, Central &South America, Southeast Asia, Middle East, Africa, Oceania ,etc., which play a crucial role in water conservancy , water resources, electric power construction, petrochemical industry, mining, metallurgy, fire-fighting, HVAC(Heating, Ventilation and Air Conditioning), agricultural irrigation, civil water supply and drainage, etc.

LEO has currently two industrial groups respectively for industrial and civilian applications. With five manufacturing bases in Wenling of Zhejiang, Xiangtan of Hunan, Changsha of Hunan, Wuxi of Jiangsu and Dalian of Liaoning, LEO possesses a solid foundation to become a world-class pump and system solution provider rapidly.

With over 70 years' professional technology, LEO will continue her consistent creativity and development ability in each pump for human's health.



NUMEROUS MEMBERS, ONE FAMILY

Based on market segment, LEO's pump business is divided into 5 fields, namely water conservancy & water resources, power station, petrochemical industry, mining & metallurgical industry and civilian applications. For each field there's a professional manufacturing base with relevant professional sales teams. Four subsidiary companies – Wuxi LEO Xi Pump, Changsha LEO Swan Pump, Dalian LEO Huaneng Pump and Hunan LEO Pump are all well-known industrial pump manufacturers in their own fields. With over 70 years' industrial pump manufacturing experience and extraordinary comprehensive strength, LEO becomes a leading company among all industrial pump manufacturers in China.



Pump Manufacturing Base for Domestic and Commercial Applications (Wenling City, Zhejiang Province)

It is the core base for R&D, manufacturing, sales and service of domestic and commercial pumps for family water supply, pipeline boosting, garden and field irrigation, HVAC, etc.

The leading products include peripheral pump, jet pump, centrifugal pump, garden submersible pump, fountain pump, pool pump, domestic lifting station, gasoline engine pump, diesel engine pump, submersible pump, submersible borehole pump, submersible sewage pump, stainless steel vertical multistage pump, etc.

The product range covers 15 series with over 2,000 specifications, which are well sold in more than 120 countries and regions. The base has established steady cooperative relationships with world-class pump manufacturers, importers, dealers and hypermarkets.



Pump Manufacturing Base for General Industrial Pumps (Xiangtan City, Hunan Province)

It is the most important base for industrial pumps.

The products are mainly used in mine, metallurgy, coal washing, FGD, municipal water, etc.

A world-class pump testing center with testing power up to 12,500 kW realizes high precision tests for real pumps which are used for power station, water conservancy and water resources, petrochemical industry, mining and metallurgical industry.



Pump Manufacturing Base for Water Conservancy & Water Resources (Wuxi City, Jiangsu Province)

This base grew out of Wuxi Xi Pump Manufacturing Co., Ltd, a well-known manufacturer for water conservancy.

The base is specialized in production of large and medium-sized pumps for urban water supply and drainage, field irrigation, water conservancy projects and large water diversion projects. The main products cover 8 series with 995 specifications.

With great honor, the model 300HW-8 mixed-flow pump won the first national quality award of Chinese pump industry. As a main supplier, the base provides large pumps for South-to-North Water Diversion Project, a national key project.



Pump Manufacturing Base for Petrochemical Industry (Dalian City, Liaoning Province)












The predecessor of this base is Dalian Huaneng Corrosion-Resistant Pump Works, who's a well-known pump manufacturer in petrochemical industry.

The base is specialized in production of petrochemical pumps for the upstream industry of oil and gas (including exploration, exploitation and storage) and downstream industry of petrochemicals (including crude oil refinery, heavy chemical industry, fine chemistry and coal chemical industry).










The base focuses on design and manufacture of 30 series (OH, BB, VS, etc.) of petrochemical pumps with over 3,000 specifications, which are in accordance with API and ISO standard. The production of large crude oil long distance pipeline pump (BB1 and BB2) and HTHP overloaded pump (BB3 and BB4) is available. LNG cryo-pump is already in development.

The base is Class A supplier of CNPC and qualified sub supplier of Shenhua Group.

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Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

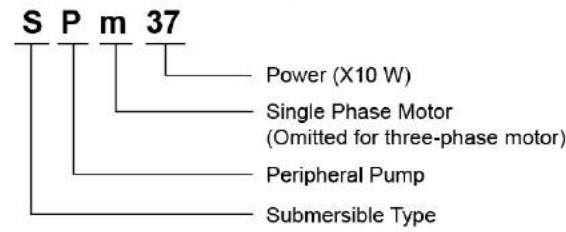
Pump

- Special anti-rust treatment for cast iron pump body
- Max. fluid temperature: +35°C
- Max. immersion depth: 5 m
- Liquid PH value: 6.5 – 8.5
- Maximum sand content: 0.1%
- Maximum solid diameter: 0.2 mm

Motor

- Motor with copper winding
- Insulation class: F
- Protection class: IPX8

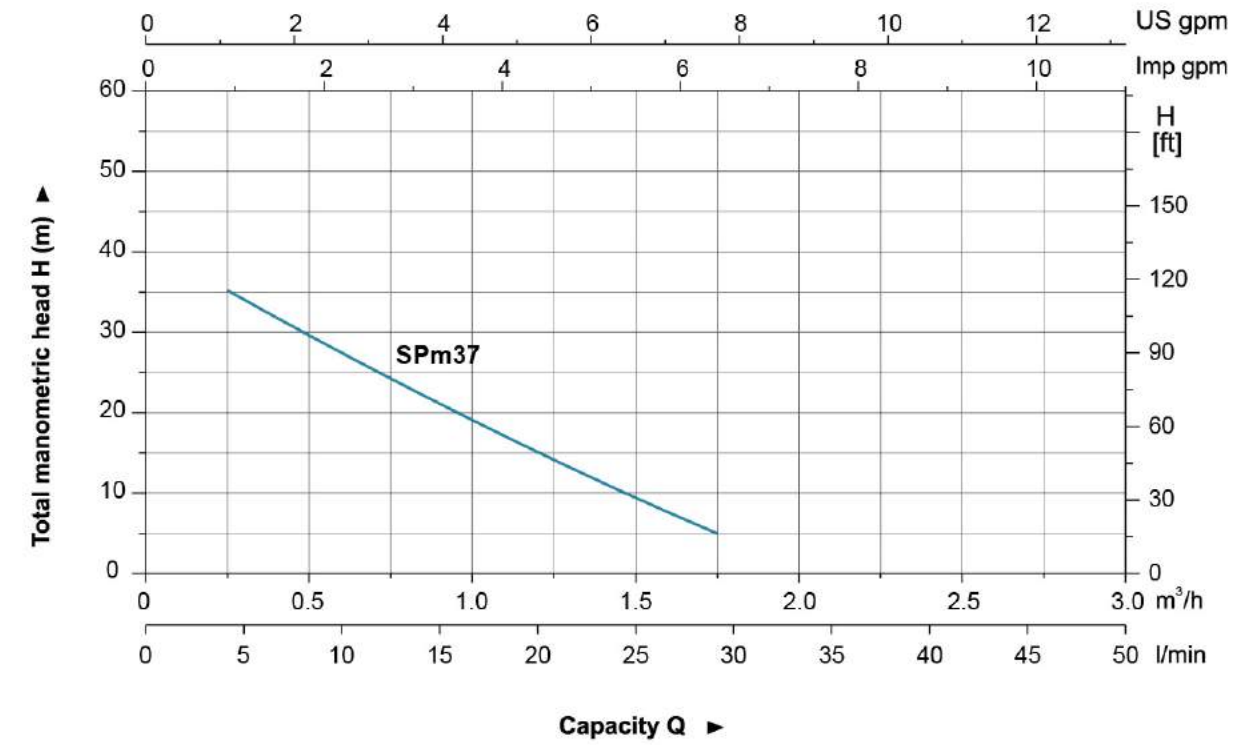
Identification Codes



Technical Data

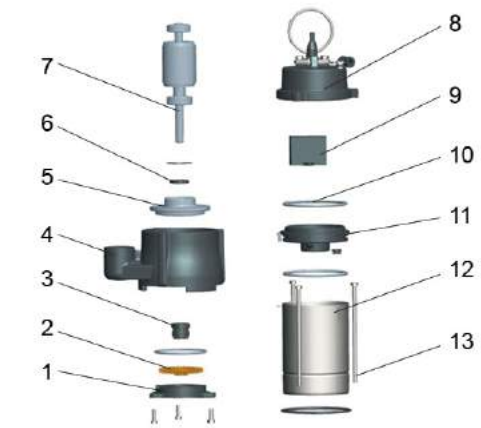
MODEL	POWER		Q (m ³ /h)	0	0.5	1	1.5	2.0
	kW	HP						
SPm37	0.37	0.5	H(m)	41.4	30.6	20.4	9.8	-

Hydraulic Performance Curves



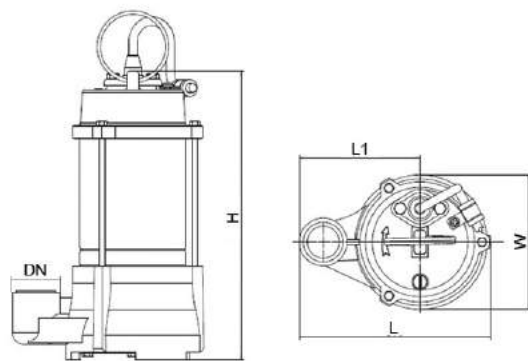
Materials Table

No.	Part	Material
1	Casing cover	HT200
2	Impeller	Brass
3	Mechanical seal	Carbon/Ceramic
4	Pump body	HT200
5	Lower bearing seat	ZL 102
6	Oil seal	
7	Rotor	
8	Top cover	HT200
9	Capacitor	
10	O-ring	NBR
11	Upper bearing seat	HT200
12	Stator	
13	Screw	



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
SPm37	7.56	184	135	300	2439



Dimension

MODEL	DN	L (mm)	L1 (mm)	H (mm)	W (mm)
SPm37	1"	170	106	244	118



Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

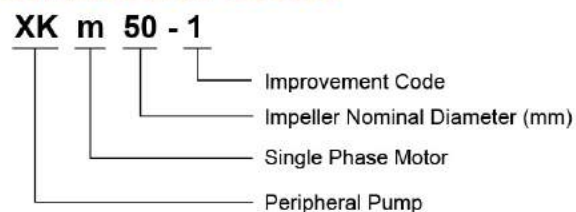
Pump

- Special anti-rust treatment for cast iron pump body and support
- Brass impeller
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +8 m

Motor

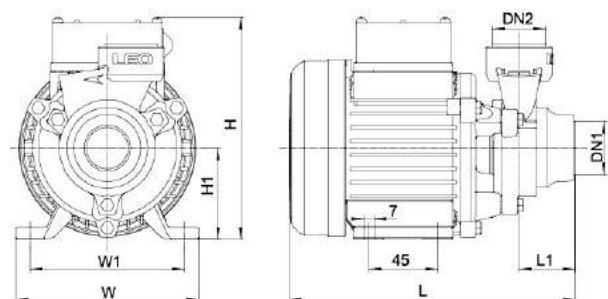
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

Identification Codes



Technical Data

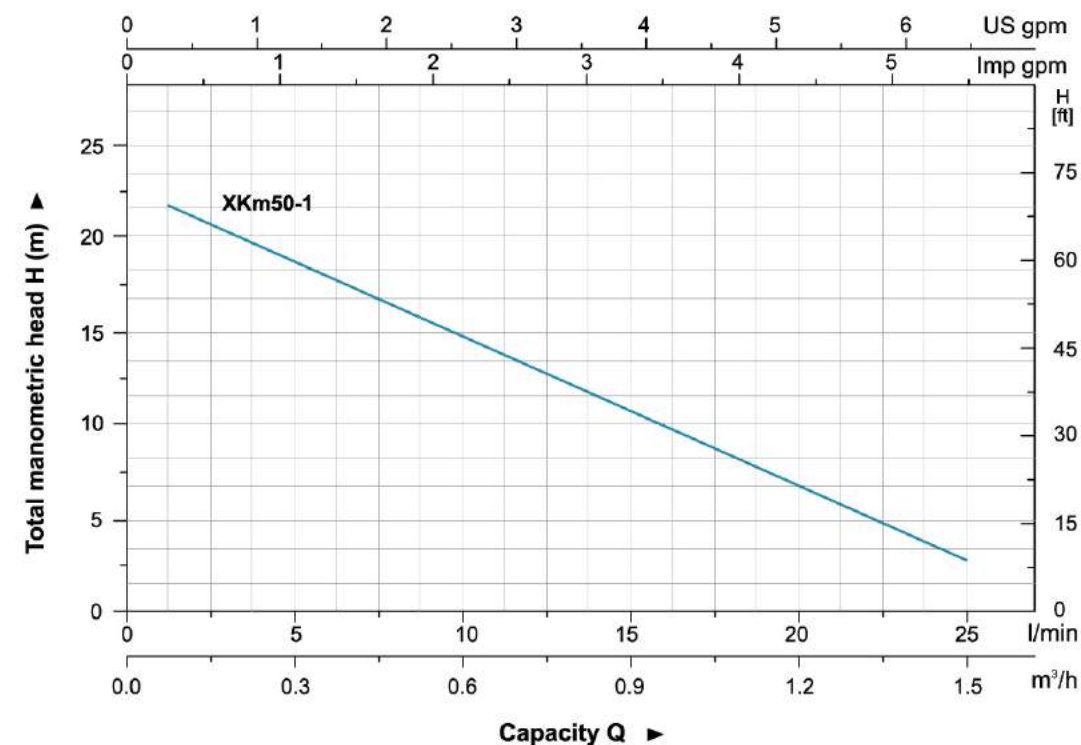
MODEL	POWER		Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5
	kW	HP							
XKm50-1	0.11	0.15	H(m)	23	19	15	11	7	3



Dimension

MODEL	DN1	DN2	L (mm)	L1 (mm)	H (mm)	H1 (mm)	W (mm)	W1 (mm)
XKm50-1	1"	1"	186.5	36	146	60	120	100

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	HT 200
2	Impeller	Brass
3	Mechanical seal	Carbon/Ceramic
4	O-ring	NBR
5	Support	HT 200
6	Bearing	
7	Rotor	
8	Fan cover	PP
9	Fan	PP
10	Terminal box	PC/ABS
11	Capacitor	
12	Stator	
13	Filling plug	HPb59-1



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20' TEU)
XKm50-1	3.6	200	140	160	4680





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

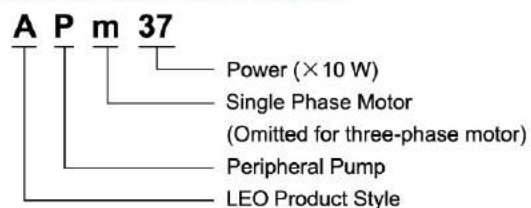
Pump

- Special anti-rust treatment for cast iron pump body and support
- Anti-block system for impeller
- Brass impeller
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +8 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C
- IE 2 motor (AP110, AP150)

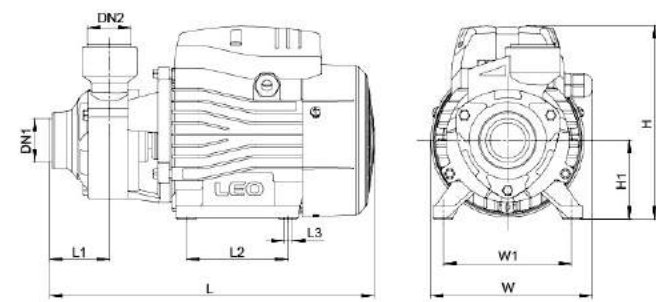
Identification Codes



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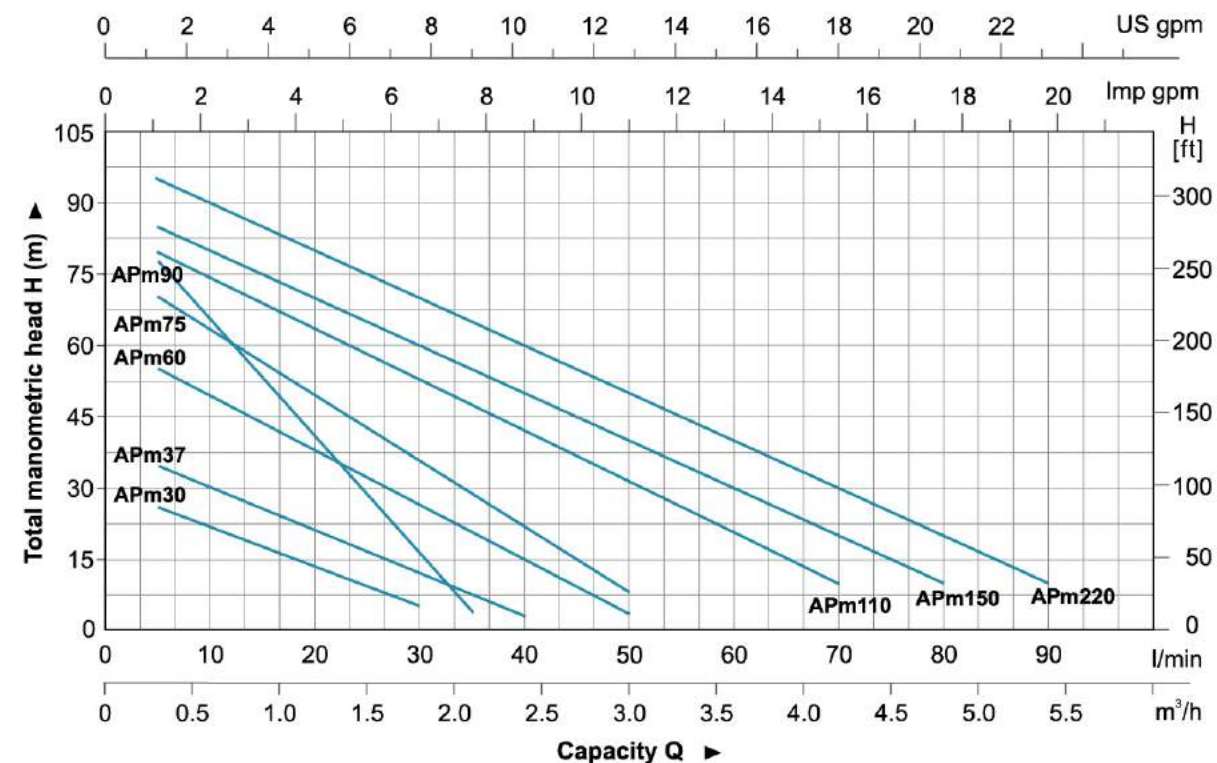
MODEL		POWER		Q (m³/h)																
Single Phase	Three Phase	kW	HP	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3.0	3.6	4.2	4.8	5.4			
				Q (l/min)																
				0	5	10	15	20	25	30	35	40	50	60	70	80	90			
APm30	—	0.3	0.4	30	26	20	15	12	8	5	-	-	-	-	-	-	-			
APm37	—	0.37	0.5	40	35	30	25	20	15	10	5	-	-	-	-	-	-			
APm60	—	0.6	0.8	60	55	50	40	35	30	25	20	10	5	-	-	-	-			
APm75	—	0.75	1.0	75	70	60	50	45	35	28	22	15	5	-	-	-	-			
APm90	—	0.75	1.0	90	75	60	50	35	25	15	5	-	-	-	-	-	-			
APm110	AP110	1.1	1.5	85	80	75	65	60	55	50	45	40	30	18	10	-	-			
APm150	AP150	1.5	2.0	90	86	80	75	70	65	60	55	50	40	30	20	10	-			
APm220	AP220	2.2	3.0	100	96	90	85	80	75	70	65	60	50	40	30	20	10			

Dimension



MODEL	DN1	DN2	L (mm)	W (mm)	H (mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	W (mm)	H (mm)
APm30			260	132	155	46.5	80	8.5	100	63
APm37			260	132	155	46.5	80	8.5	100	63
APm60	1"	1"	282	147	183	51	90	8.5	112	71
APm75			300	147	183	54.5	90	8.5	112	71
APm90	3/4"	3/4"	297	147	183	50	90	8.5	112	71
APm110			336	165	210	56	100	9	125	86
APm150	1"	1"	338	165	210	56	100	9	125	86
APm220			395	170	235	56	123	12	140	96
AP220			338	165	210	56	100	9	125	86

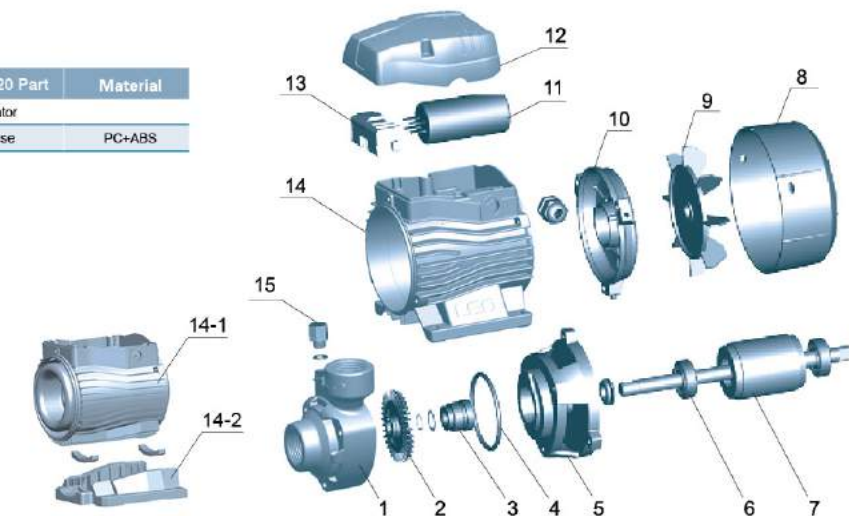
Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	HT200
2	Impeller	Brass
3	Mechanical seal	Carbon/Ceramic
4	O-ring	NBR
5	Support	HT200
6	Bearing	
7	Rotor	
8	Fan cover	PP
9	Fan	PP
10	Rear cover	ZL102
11	Capacitor	
12	Terminal box	ABS
13	Terminal board	PC
14	Stator	
15	Filling plug	HPb59-1

No.	APm220 Part	Material
14-1	Stator	
14-2	Base	PC+ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
APm30	5.1	283	158	171	3132
APm37	5.5	283	158	171	3132
APm60	9.0	315	190	210	2365
APm75	10.5	335	190	210	2222
APm90	10.5	335	190	210	2222
APm110	15.9	370	210	235	1230
APm150	16.5	370	210	235	1230
APm220	22.3	420	225	265	955
AP220	17.2	370	210	235	1230





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

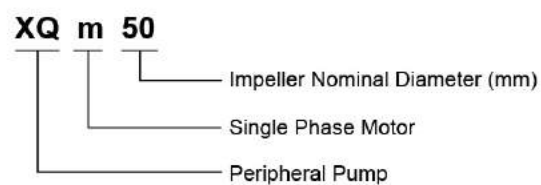
Pump

- Special anti-rust treatment for cast iron pump body and support
- Brass impeller
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +8 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

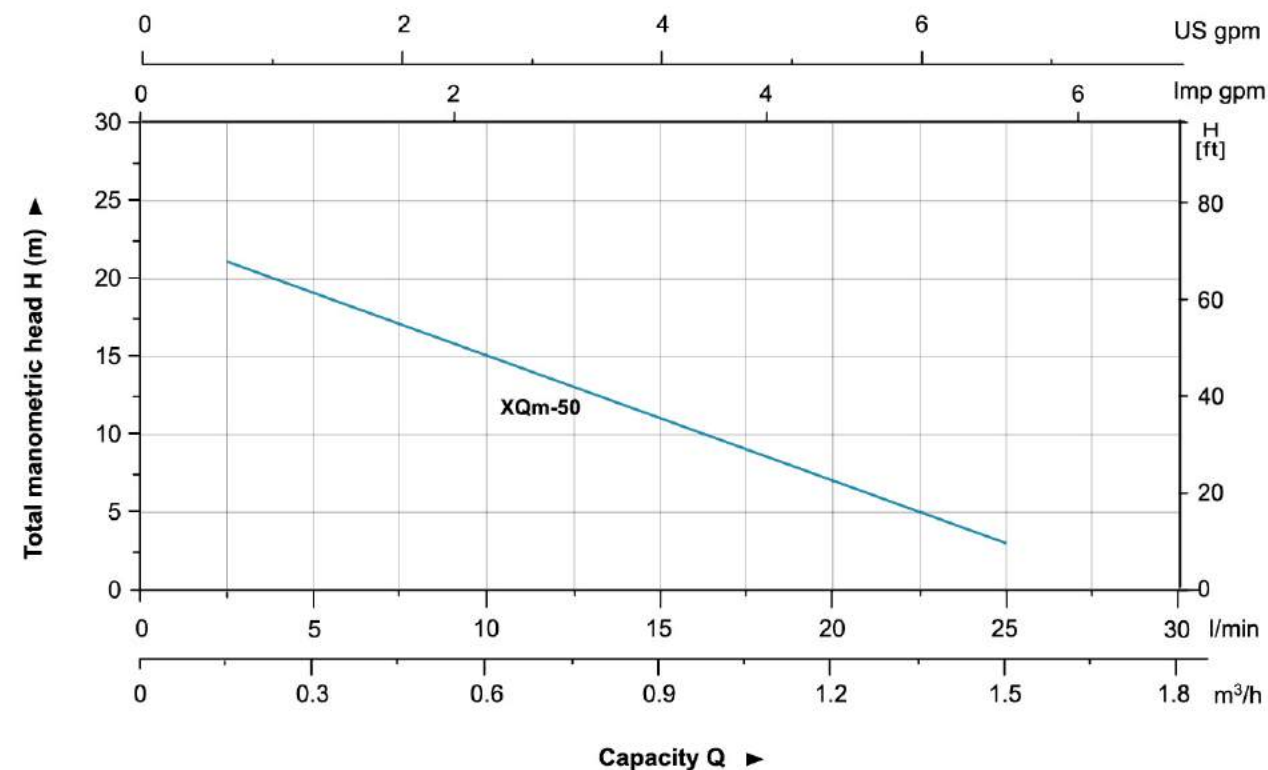
Identification Codes



Technical Data

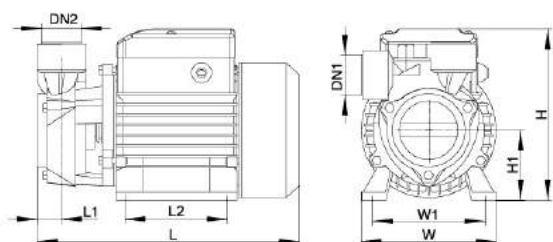
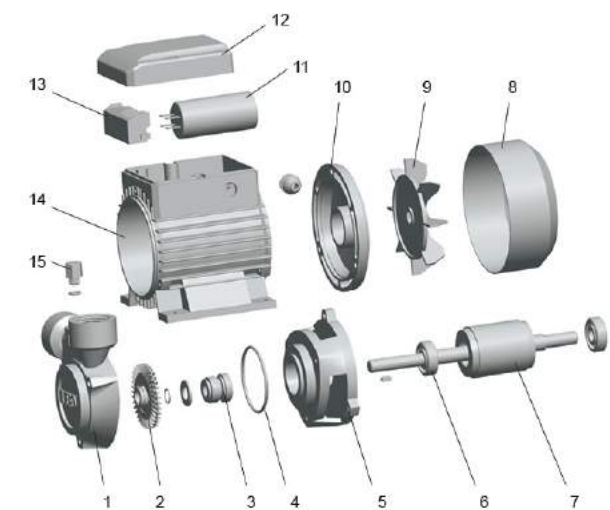
Model	POWER		Q (m ³ /h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
	kW	HP											
XQm50	0.125	0.15	H (m)	23	19	15	11	7	3	-	-	-	-

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	HT200
2	Impeller	Brass
3	Mechanical seal	Carbon/Ceramic
4	O-ring	NBR
5	Support	HT200
6	Bearing	
7	Rotor	
8	Fan cover	08F
9	Fan	PP
10	Rear cover	ZL102
11	Capacitor	
12	Terminal box	ABS
13	Terminal board	PC
14	Stator	
15	Filling plug	HPb58-1



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)
XQm50	1"	1"	173	120	146	15	45	100	60

Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20' TEU)
XQm50	3.6	180	140	162	5262





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

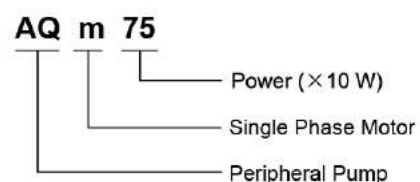
Pump

- Special anti-rust treatment for cast iron pump body and support
- Brass impeller
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +8 m

Motor

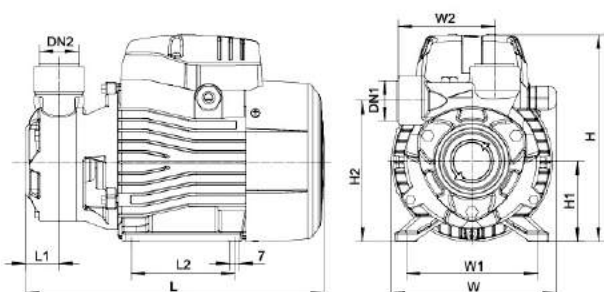
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

Identification Codes



Technical Data

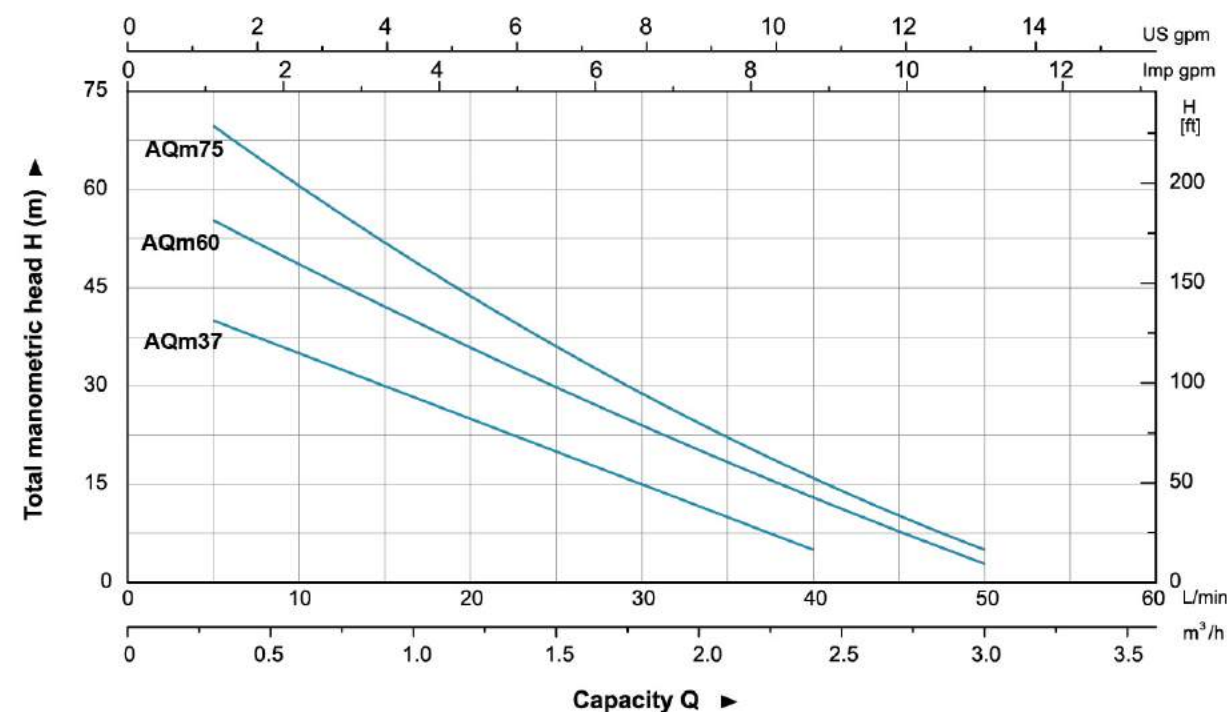
Model	POWER		Q (m³/h)	Q (l/min)											
	kW	HP		0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7		
AQm37	0.37	0.5	H (m)	40	35	30	25	20	15	10	5	2	-		
AQm60	0.6	0.8		60	55	50	40	35	30	25	20	10	5		
AQm75	0.75	1		75	70	60	50	45	35	28	22	15	5		



Dimension

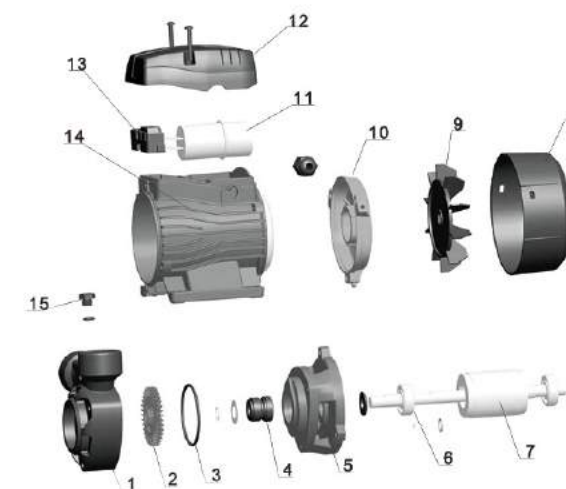
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	W2 (mm)	H1 (mm)	H2 (mm)
AQm37	1"	1"	240	132	155	28.5	80	100	79	63	112
AQm60			265	147	183	29.5	90	112	85	71	124.5
AQm75			275	147	183	28.5	90	112	88	71	129

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	HT200
2	Impeller	Brass
3	O-ring	NBR
4	Mechanical seal	Carbon/Ceramic
5	Support	HT200
6	Bearing	
7	Rotor	
8	Fan cover	00F
9	Fan	PP
10	Rear cover	ZL102
11	Capacitor	
12	Terminal box	ABS
13	Terminal board	PC
14	Stator	
15	Filling plug	HPb59-1



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
AQm37	6.1	277	158	174	3168
AQm60	9.8	337	190	210	1960
AQm75	10.8	350	190	210	1880





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

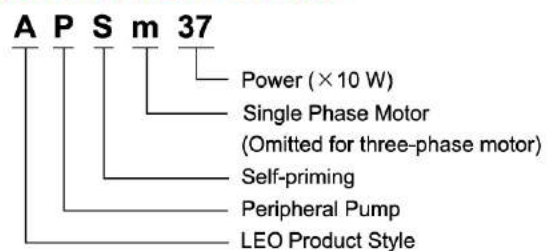
Pump

- Special anti-rust treatment for cast iron pump body and support
- Anti-block system for impeller
- Brass impeller
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +9 m
- Self-priming

Motor

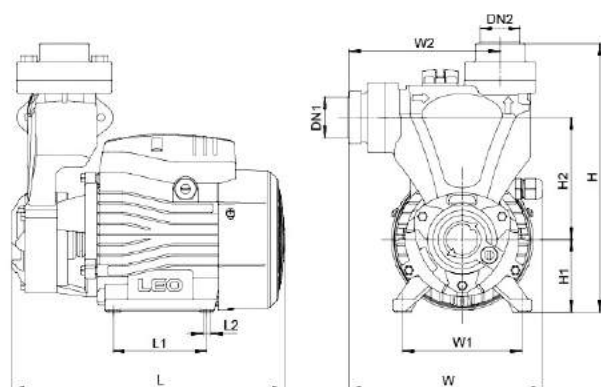
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C
- IE2 motor for APS110

Identification Codes



Technical Data

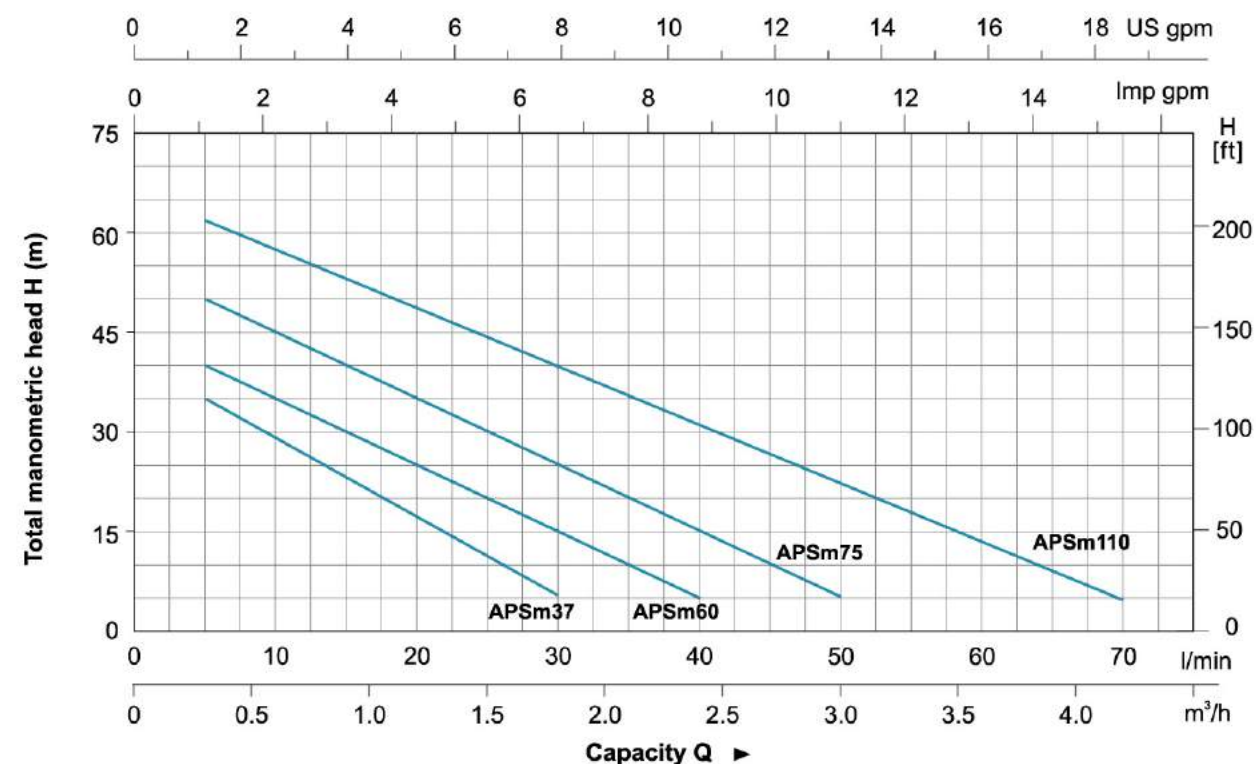
MODEL		POWER		Q (m³/h)																									
Single Phase	Three Phase	kW	HP	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3.0	3.3	3.6	4.2	Q (l/min)												
				H (m)																									
APSm37	---	0.37	0.5	40	35	28	22	18	12	5	-	-	-	-	-	-	0	5	10	15	20	25	30	35	40	50	55	60	70
APSm60	---	0.6	0.8	45	40	32	28	22	18	12	8	5	-	-	-	-	40	45	50	55	60	65	70	75	80	85	90	95	100
APSm75	---	0.75	1.0	55	50	42	38	32	28	22	18	12	5	-	-	-	100	110	120	130	140	150	160	170	180	190	200	210	220
APSm110	APS110	1.1	1.5	65	60	55	50	45	40	35	30	25	20	15	10	5	200	220	240	260	280	300	320	340	360	380	400	420	440



Dimension

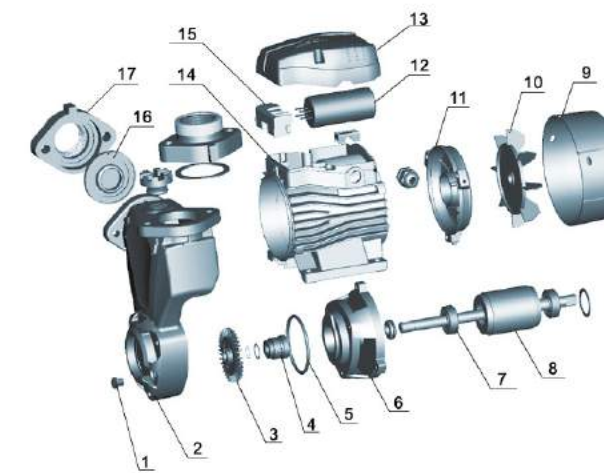
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L ₁ (mm)	W ₁ (mm)	W ₂ (mm)	H ₁ (mm)	H ₂ (mm)	L ₂ (mm)
APSm37	1"	1"	239	170	234	80	100	128	63	106	8.5
APSm60	1"	1"	260	180	251	90	112	132	71	120	8.5
APSm75	1"	1"	270	180	260	90	112	142	71	130	8.5
APSm110	1 1/2"	1 1/2"	310	200	284	100	125	149	86	138	9

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Screw	Steel
2	Pump body	HT200
3	Impeller	Brass
4	Mechanical seal	Carbon/Ceramic
5	O-ring	NBR
6	Support	HT200
7	Bearing	
8	Rotor	
9	Fan cover	PP
10	Fan	PP
11	Rear cover	ZL102
12	Capacitor	
13	Terminal box	ABS
14	Stator	
15	Terminal board	PC
16	Non-return valve	NBR
17	Connector	HT200



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
APSm37	7.2	275	200	265	2040
APSm60	10.8	290	205	285	1736
APSm75	12.3	305	214	290	1365
APSm110	17.5	345	232	320	998





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

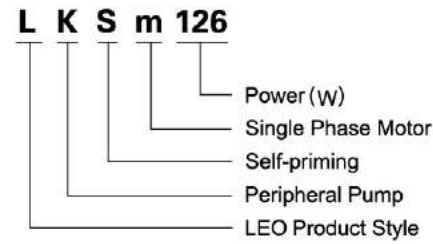
Pump

- Special anti-rust treatment
- Brass impeller
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +8 m

Motor

- C&U bearing
- Copper winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

Identification Codes



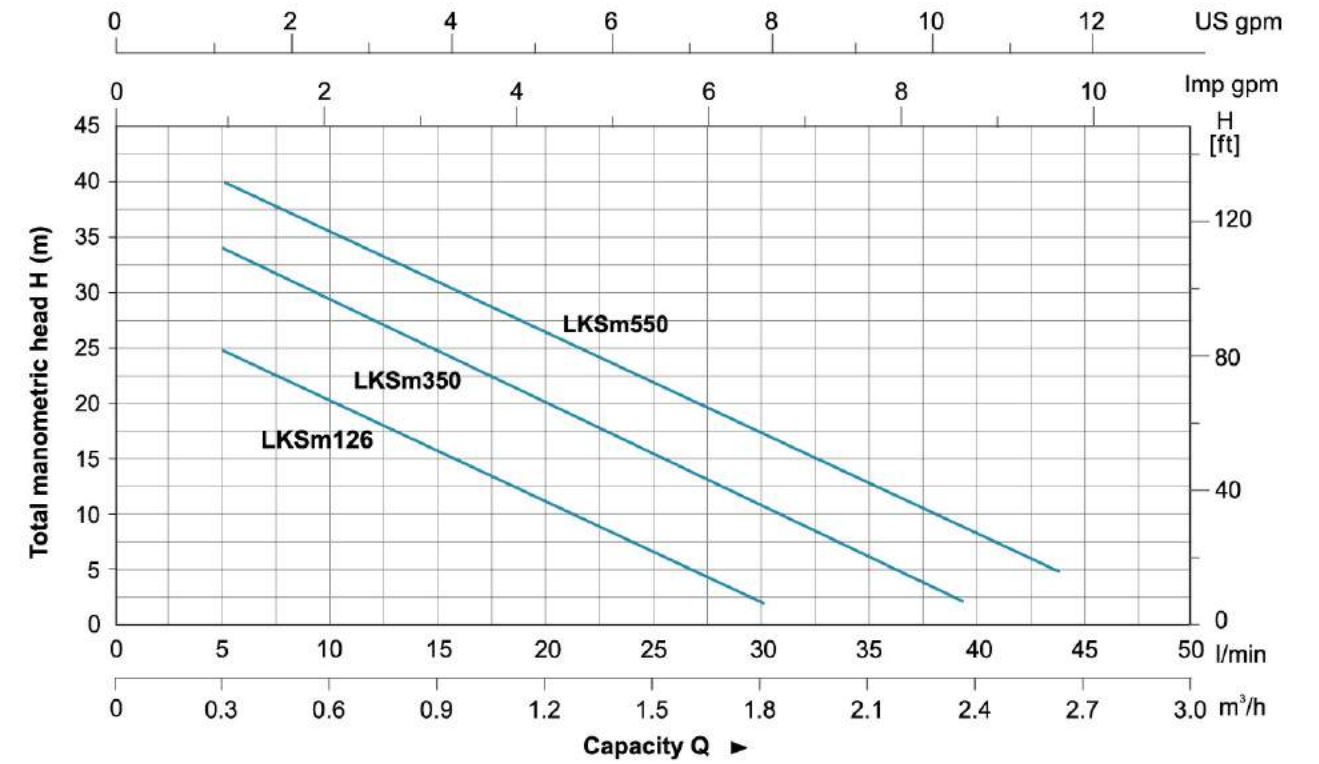
Technical Data

MODEL	POWER		Q (m³/h)	Q (l/min)											
	kW	HP		0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7		
LKSm126	0.125	0.17	H (m)	30	25	20.5	16	12	8	4	-	-	-		
LKSm350	0.35	0.47		35	32	28	24	20	16	12	8	4	-		
LKSm550	0.55	0.75		45	40	35	30	25	20.5	16	12	8	4		

Dimension

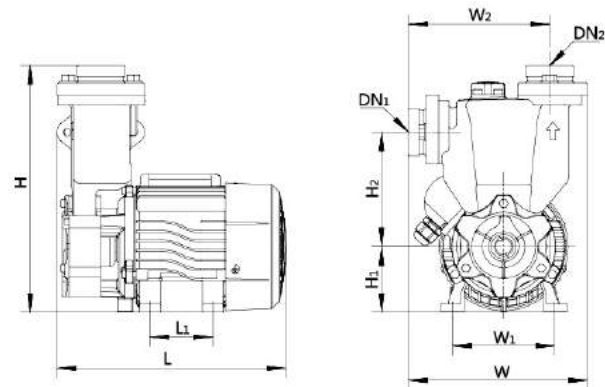
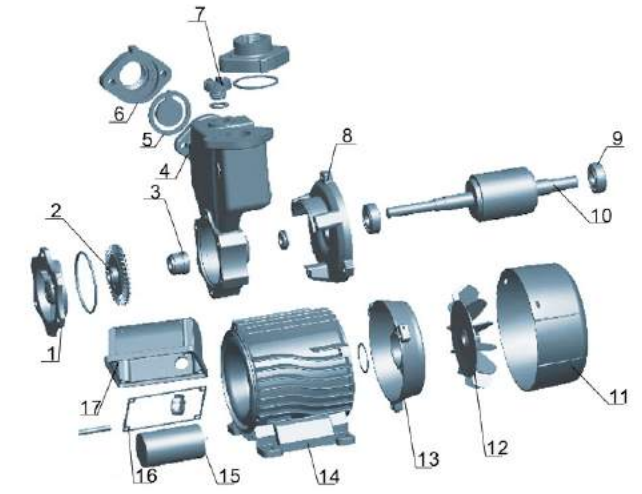
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L ₁ (mm)	W ₁ (mm)	W ₂ (mm)	H ₁ (mm)	H ₂ (mm)
LKSm126	1"	1"	215	170	220	60	97	140	63	88.5
LKSm350	1"	1"	215	175	245	60	97	142	63	110
LKSm550	1"	1"	260	186	260	90	112	152	75	113.5

Hydraulic Performance Curves



Materials Table

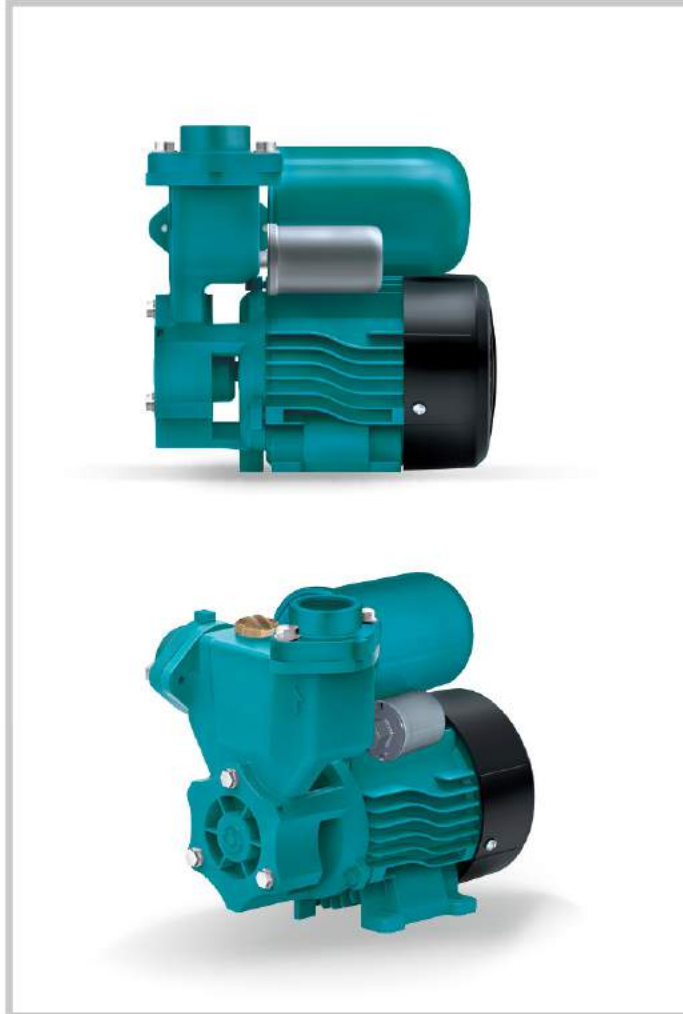
No.	Part	Material
1	Pump bonnet	Brass/Cast iron
2	Impeller	Brass
3	Mechanical seal	Carbon/Ceramic
4	Pump body	HT200
5	Check valve	NBR
6	Outlet connector	HT200
7	Filling plug	Brass
8	Front plate	HT200
9	Bearing	
10	Rotor	
11	Fan cover	PP
12	Fan	PP
13	Rear cover	ZL 102
14	Stator	
15	Capacitor	
16	Sealing ring	NBR
17	Terminal box	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
LKSm126	6.6	250	205	250	2205
LKSm350	7.6	250	205	270	1960
LKSm550	10.6	295	210	290	1526





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

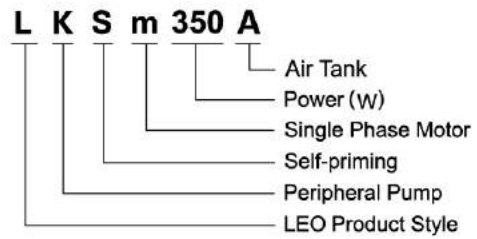
Pump

- With 2 L pressure tank for automatic operation
- Special anti-rust treatment
- Brass impeller
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +9m

Motor

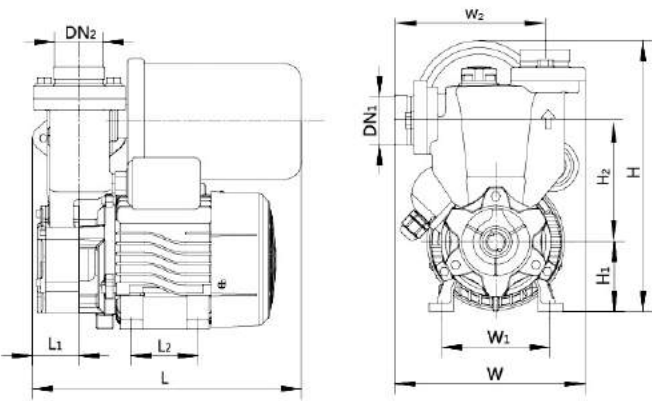
- C&U bearing
- Copper winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

Identification Codes



Technical Data

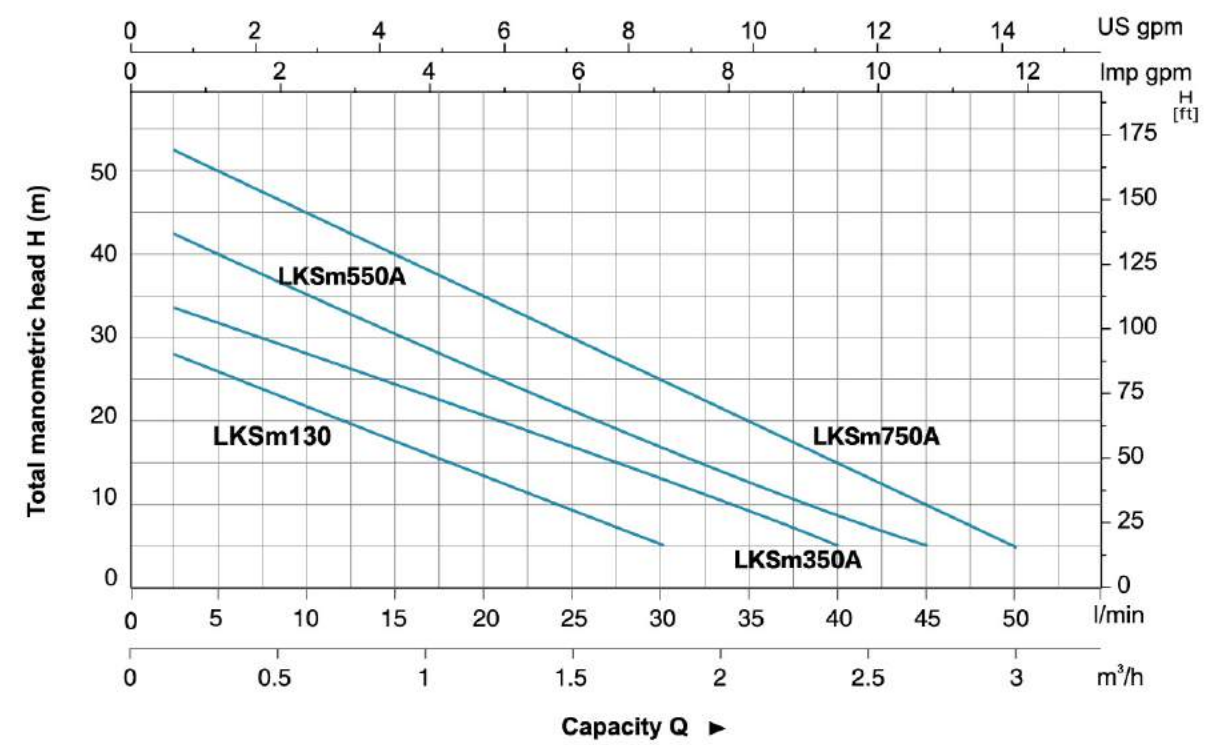
MODEL	POWER		Q (m³/h)	H (m)											
	kW	HP		0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	
LKSm130	0.125	0.17	Q (l/min)	0	5	10	15	20	25	30	35	40	45	50	
LKSm350A	0.35	0.47	H (m)	30	25	20.5	16	12	8	4	-	-	-	-	
LKSm550A	0.55	0.75	H (m)	35	32	28	24	20	16	12	8	4	-	-	
LKSm750A	0.75	1	H (m)	45	40	35	30	25	20.5	16	12	8	4	-	
LKSm750A	0.75	1	H (m)	55	50	45	40	35	30	25	20	15	10	5	



Dimension

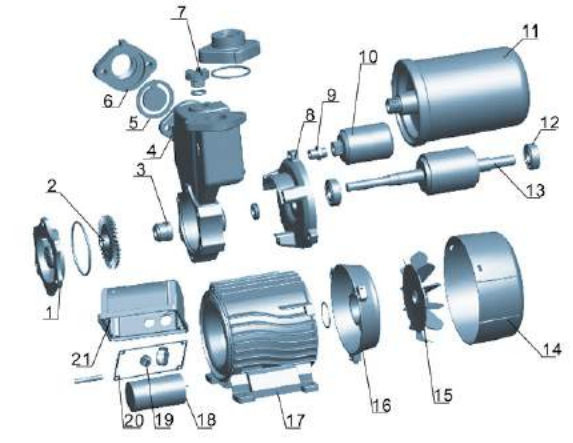
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	W2 (mm)	H1 (mm)	H2 (mm)
LKSm130	1"	1"	265	165	245	60	97	140	63	107.5
LKSm350A	1"	1"	265	165	250	60	97	135	63	110
LKSm550A	1"	1"	265	176	260	90	112	146	75	113.5
LKSm750A	1"	1"	265	176	260	90	112	146	75	113.5

Hydraulic Performance Curves



Materials Table

No.	Part	Material	No.	Part	Material
1	Pump bonnet	Brass/Cast iron	18	Capacitor	
2	Impeller	Brass	19	Cable holder	NBR
3	Mechanical seal	Carbon/Ceramic	20	Sealing ring	NBR
4	Pump body	HT200	21	Terminal box	ABS
5	Check valve	NBR			
6	Outlet connector	HT200			
7	Filling plug	Brass			
8	Front plate	HT200			
9	Bend	Iron			
10	Pressure switch				
11	Pressure tank	Iron			
12	Bearing				
13	Rotor				
14	Fan cover	PP			
15	Fan	PP			
16	Rear cover	ZL102			
17	Stator				



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
LKSm130	7.8	285	195	290	1603
LKSm350A	8.6	285	195	290	1603
LKSm550A	11.6	290	215	305	1400
LKSm750A	13.5	290	215	310	1400





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

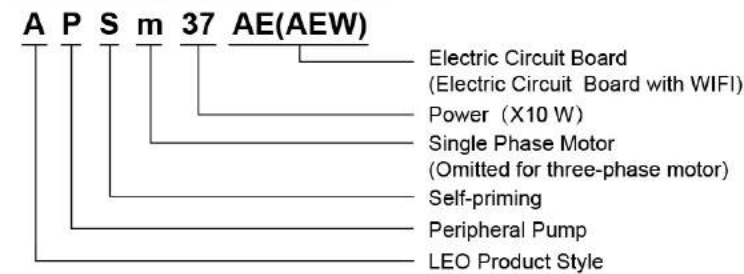
Pump

- 3-second time delay of pump start after plugging into the socket to avoid potential danger caused by electric sparks
- Automatic stop in 6 minutes in case of no water inside
- Automatic switching to small flow control system in condition of small water flow
- Automatic 10-second operation every 72 hours for anti-block protection in case of no use for long time
- Anti-freezing in low temperature environment by automatic start and stop control to maintain the water temperature inside pump between 4°C and 60°C
- LCD screen with on/off pressure setting, operation status and malfunction alarm
- Remote monitoring and controlling by computer or mobile phone

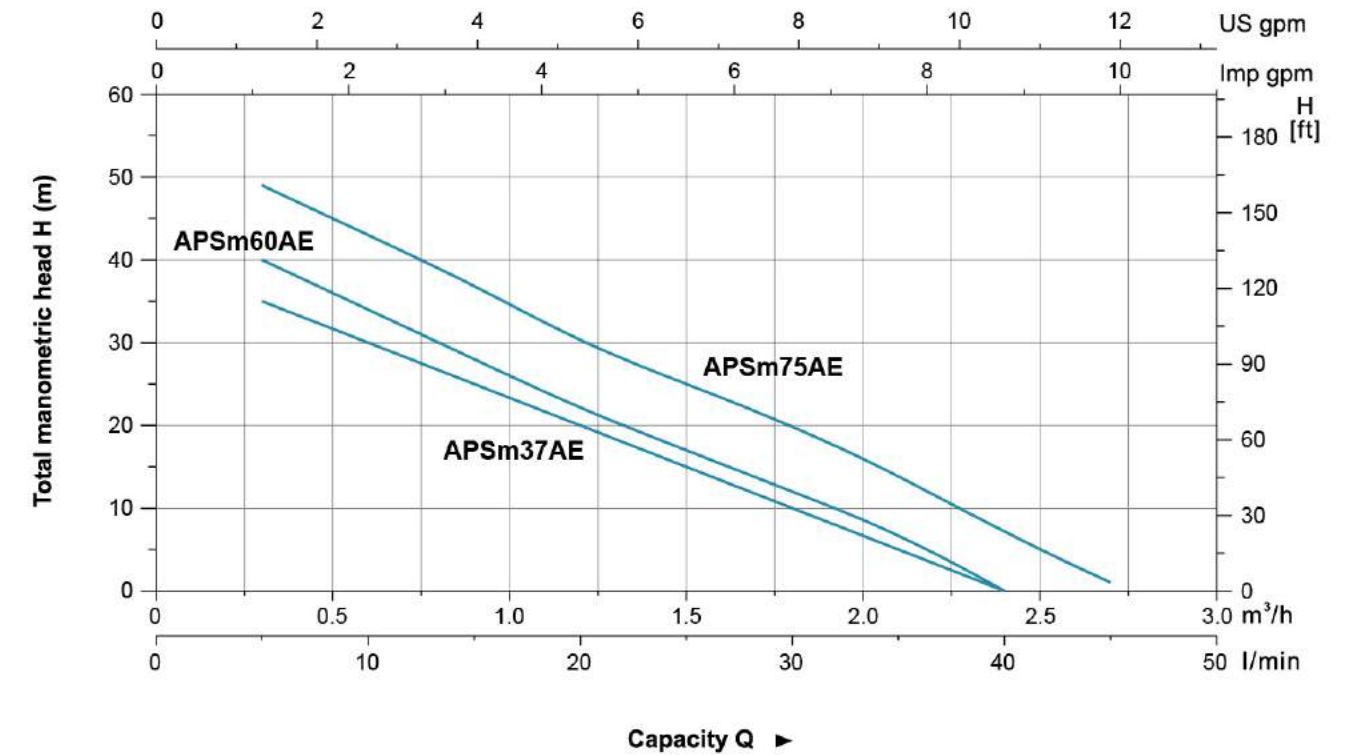
Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

Identification Codes

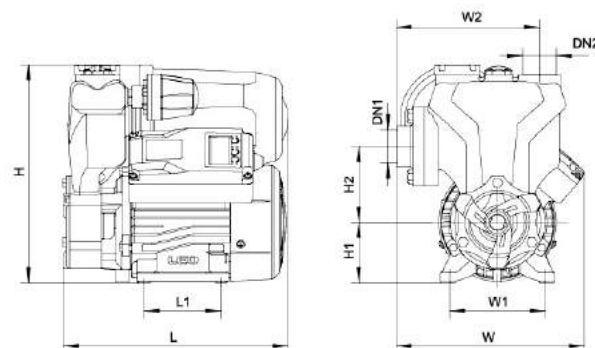


Hydraulic Performance Curves



Technical Data

MODEL	POWER		Q (m³/h)	H (m)												
	kW	HP		0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0		
APSm37AE	0.37	0.5	40	35	30	25	20	15	10	5	-	-	-	-		
APSm60AE	0.6	0.8	45	40	34	28	22	17	12	7	-	-	-	-		
APSm75AE	0.75	1.0	55	49	43	37	30	25	20	14	7	1	-	-		

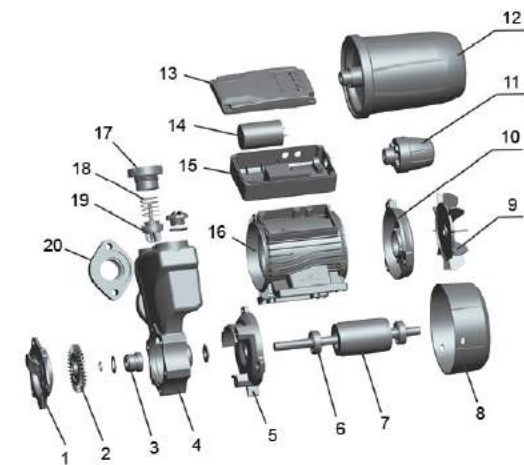


Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L ₁ (mm)	W ₁ (mm)	W ₂ (mm)	H ₁ (mm)	H ₂ (mm)
APSm37AE	1"	1"	235	198	228	80	100	150	63	80
APSm60AE	1"	1"	270	224	242	90	112	162	71	85
APSm75AE	1"	1"	270	224	242	90	112	162	71	85

Materials Table

No.	Part	Material
1	Pump cover	Brass
2	Impeller	Brass
3	Pump body	HT200
4	Mechanical seal	Carbon/Ceramic
5	Support	HT200
6	Bearing	
7	Rotor	
8	Fan cover	PP
9	Fan	PP
10	End plate	ZL102
11	Pressure sensor	
12	Gas tank	Iron
13	Cover the lid	ABS
14	Capacitance	
15	Cover box	ABS
16	Stator	
17	Pump head	PA66
18	Check-valve spring	AISI 304
19	Check valve	PPO
20	Inlet connection	HT200





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

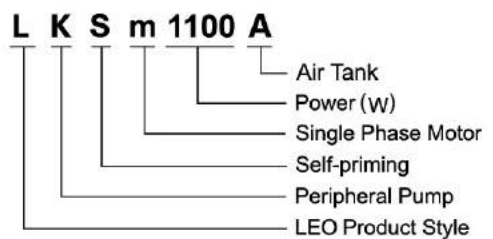
Pump

- With 24L pressure tank for automatic operation
- Special anti-rust treatment
- Brass impeller
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +9m

Motor

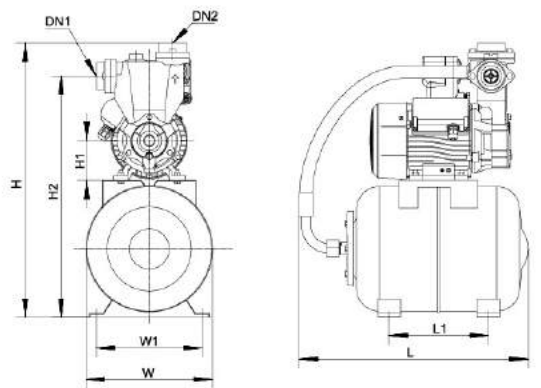
- C&U bearing
- Copper winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

Identification Codes



Technical Data

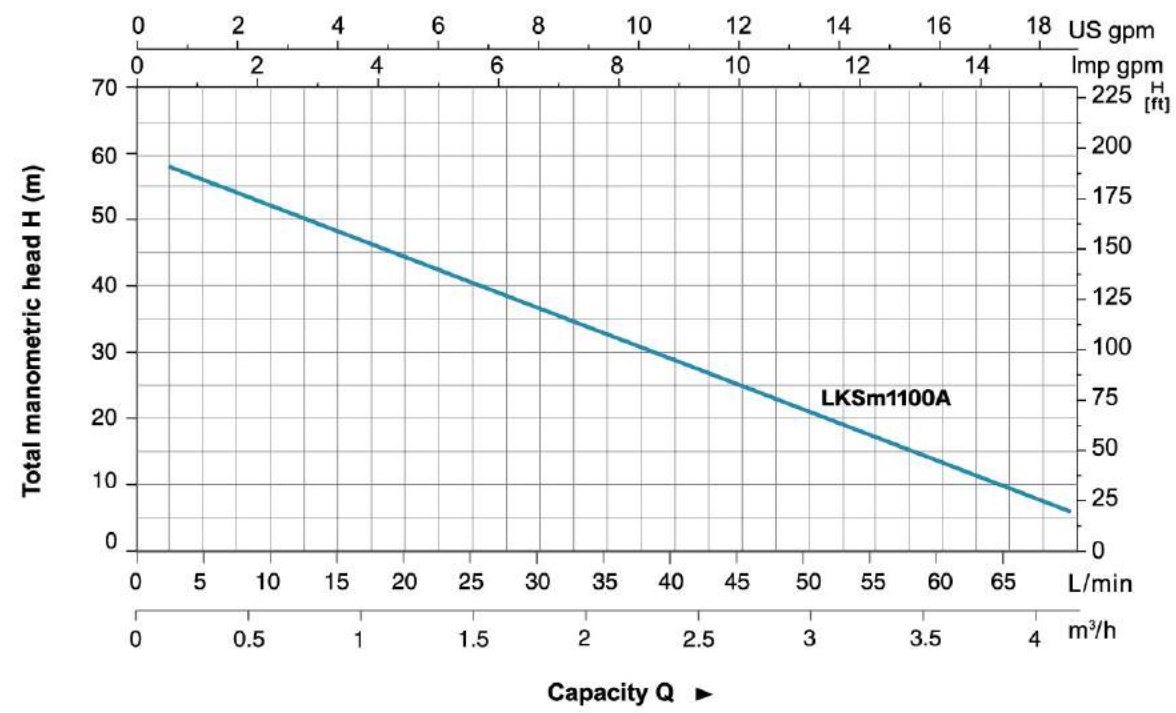
MODEL	POWER		Q (m³/h)	Capacity Q															
	kW	HP		0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6	3.9	4.2	
LKSm1100A	1.1	1.5	H (m)	60	56	52	48	44	40	36	32	28	24	20	16	12	8	4	



Dimension

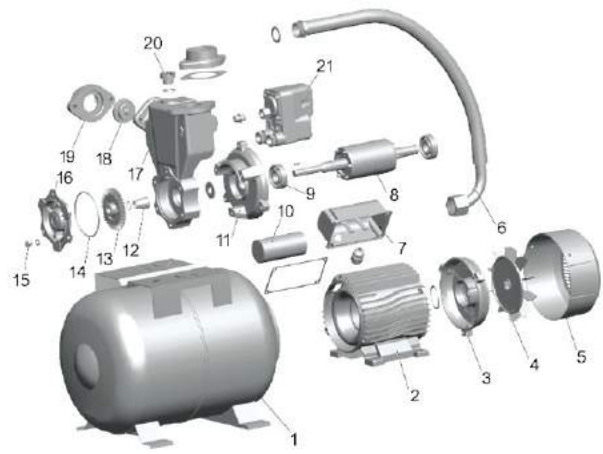
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)	H2 (mm)
LKSm1100A	1 1/2"	1 1/2"	480	270	595	220	235	86	520

Hydraulic Performance Curves



Materials Table

No.	Part	Material	No.	Part	Material
1	Air tank	Iron	12	Mechanical seal	Carbon/Ceramic
2	Stator		13	Impeller	Brass
3	Rear cover	ZL102	14	O-ring	NBR
4	Fan	PP	15	Screw	Steel
5	Fan cover	PP	16	Pump bonnet	Brass
6	Flexible hose		17	Pump body	HT200
7	Terminal box	ABS	18	Check valve	NBR
8	Rotor		19	Outlet connector	HT200
9	Bearing		20	Filling plug	Brass
10	Capacitor		21	Pressure switch	
11	Front plate	HT200			



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
LKSm1100A	24	515	325	645	234





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

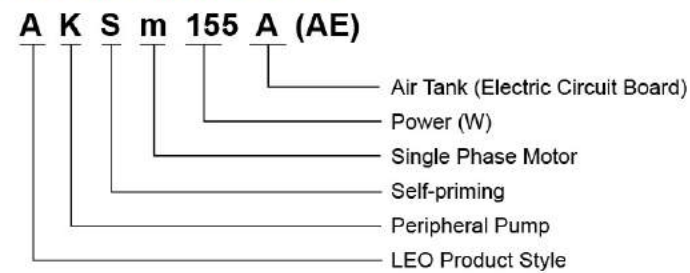
Pump

- Self-priming Peripheral Pump
- Brass impeller
- Brass pump bonnet
- AISI 304 shaft
- 3 second time delay of pump start after plugging into the socket to avoid potential danger caused by electric sparks
- Automatic pressure sensor inside
- Automatic switching to small flow control system in condition of small water flow
- Automatic stop in 6 minutes in case of no water inside
- Max. liquid temperature: +40°C
- Max. suction: +8 m
- Liquid pH value: 6.5 – 8.5

Motor

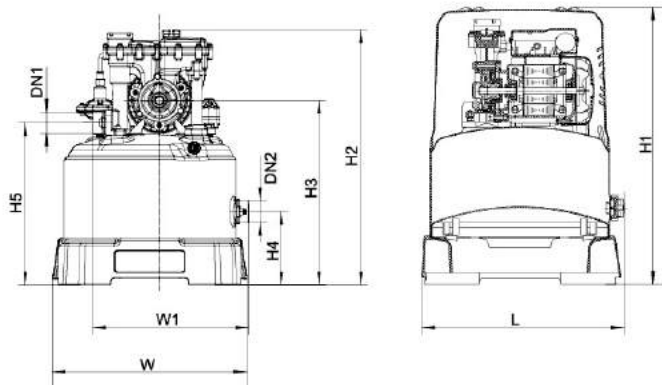
- C&U bearing
- Copper winding
- Built-in thermal protector
- Low voltage operation with power design of 180V - 220V/50 Hz

Identification Codes



Technical Data

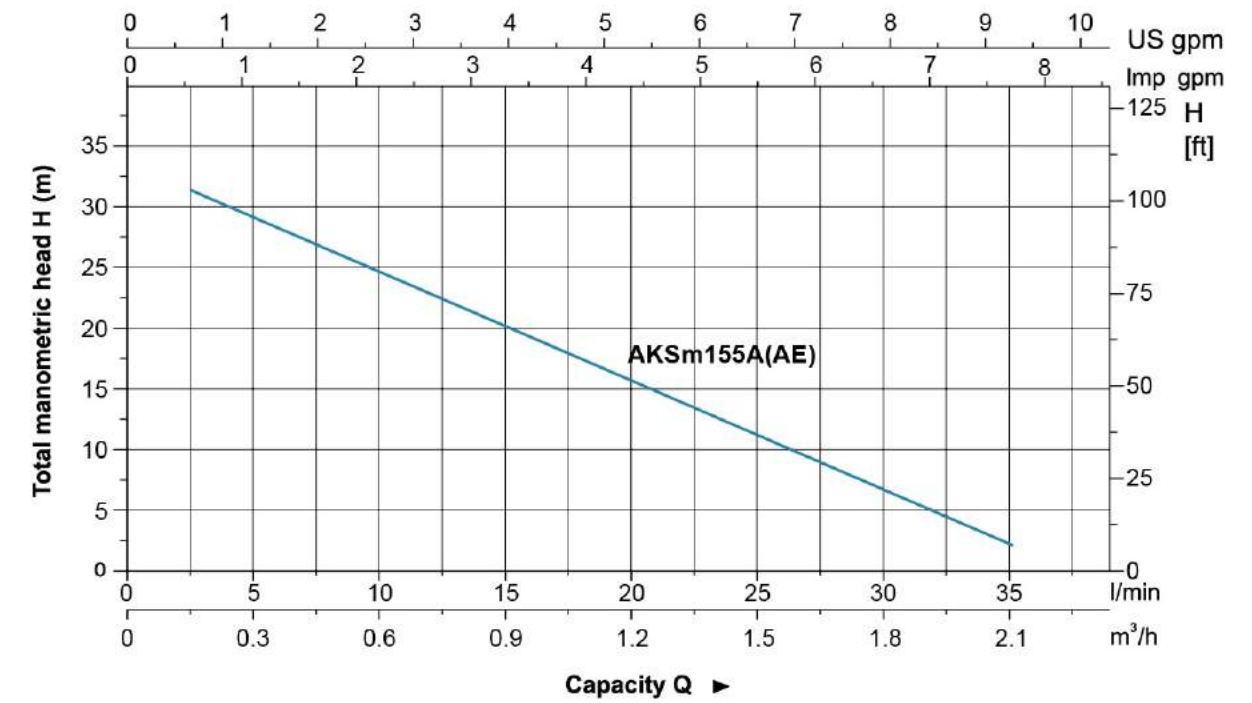
MODEL	POWER		Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1
	kW	HP		Q (l/min)	0	5	10	15	20	25	30
AKSm155A (AE)	0.155	0.2	H(m)	32	30	26	22	17	12	7	2



Dimension

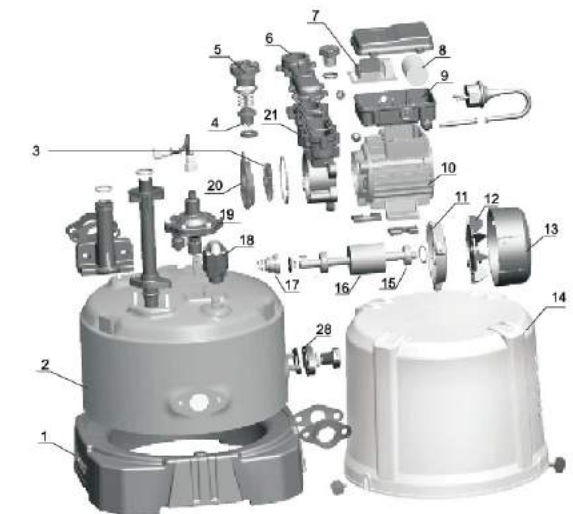
Model	DN1	DN2	L (mm)	W (mm)	W1 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)	H5 (mm)
AKSm155A (AE)	1"	1"	355	360	288	490	470	342	135	300

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Base	PP
2	Tank	Steel (ST12)
3	Impeller	Brass
4	Non-return valve	PPO
5	Pump head cover	PA66
6	Pump head	POM
7	Circuit board	
8	Capacitor	
9	Terminal box	ABS
10	Stator	
11	Rear cover	ZL102
12	Fan	PP
13	Fan cover	PP
14	Housing	PP
15	Bearing	
16	Rotor	
17	Mechanical seal	Carbon/Ceramic
18	Pressure switch	
19	Air charger	
20	Pump bonnet	Brass
21	Pump body	POM



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
AKSm155A (AE)	13.6	405	405	530	320





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for lifting water from the well, sprinkling irrigation in garden, pressure boosting of running water, and supporting equipment etc.

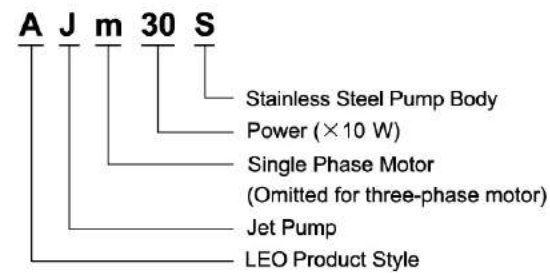
Pump

- Stainless steel pump body
- Support under special anti-rust treatment
- Stainless steel impeller
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +9 m

Motor

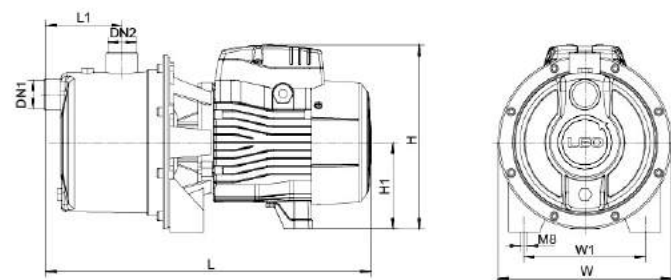
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

Identification Codes



Technical Data

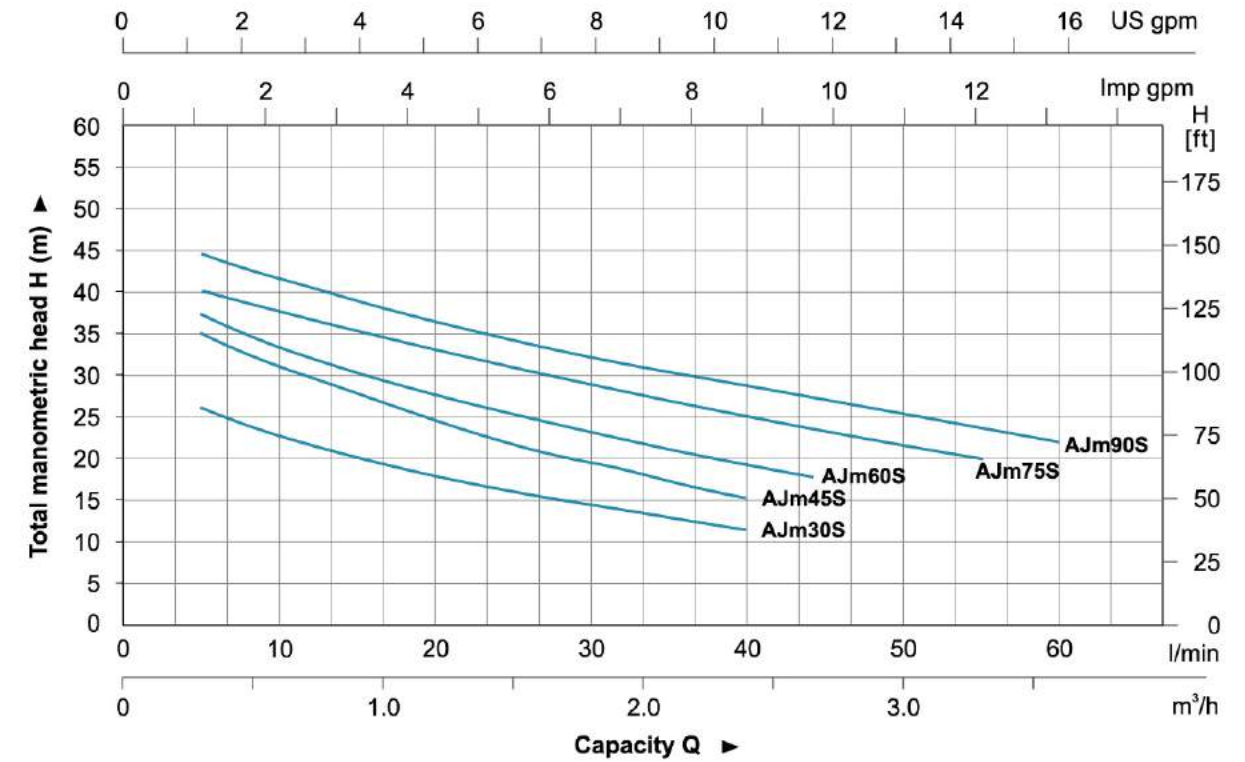
MODEL	POWER		Q (m³/h)	Q (l/min)												
	kW	HP		0	0.6	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.8	3.0	3.3	3.6
AJm30S	0.3	0.4	H (m)	30	26	23	20	18	16.5	15	13	11	-	-	-	-
AJm45S	0.45	0.6		38	35	31	27	25	22	20	19	16	-	-	-	-
AJm60S	0.6	0.8		43	37	33	30	27	25	23	21	20	18	-	-	-
AJm75S	0.75	1.0		46	40	38	36	34	32	30	28	27	25	23	20	-
AJm90S	0.9	1.2		48	44	42	39	37	35	34	31	31	29	28	26	22



Dimension

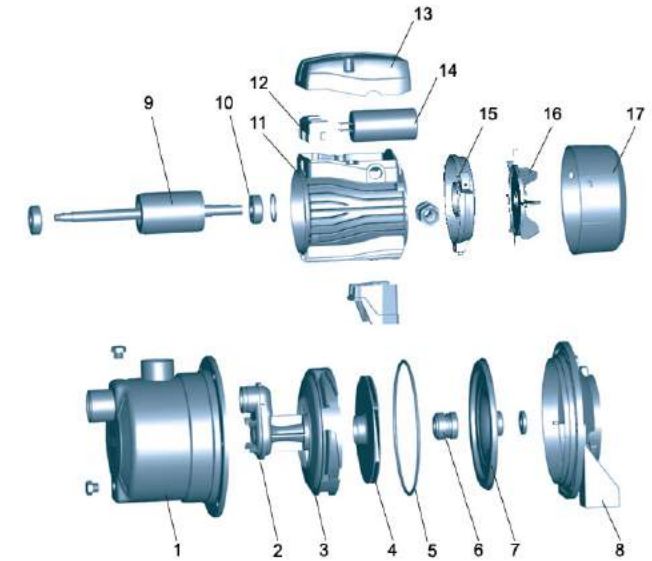
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L _i (mm)	W _i (mm)	H _i (mm)
AJm30S	1"	1"	337	180	181.5	78	140	181.5
AJm45S			337	180	181.5	78	140	181.5
AJm60S			376	200	214	88.5	140	214
AJm75S			376	200	214	88.5	140	214
AJm90S			376	200	214	88.5	140	214

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	AISI 304
2	Venturi tube	PPO
3	Diffuser	PPO
4	Impeller	AISI 304
5	O-ring	NBR
6	Mechanical seal	Carbon/Ceramic
7	Bracket cover	AISI 304
8	Support	ZL102
9	Rotor	
10	Bearing	
11	Stator	
12	Terminal board	PC
13	Terminal box	ABS
14	Capacitor	
15	Rear cover	ZL102
16	Fan	PP
17	Fan cover	PP



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
AJm30S	6.0	350	180	220	1920
AJm45S	6.9	350	180	220	1920
AJm60S	9.2	420	228	257	1056
AJm75S	10.1	420	228	257	1056
AJm90S	10.7	420	228	257	1056





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for lifting water from the well, sprinkling irrigation in garden, pressure boosting of running water, and supporting equipment etc.

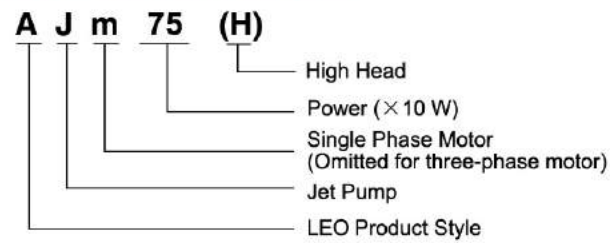
Pump

- Cast iron pump body and support under special anti-rust treatment
- Stainless steel impeller
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +9 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

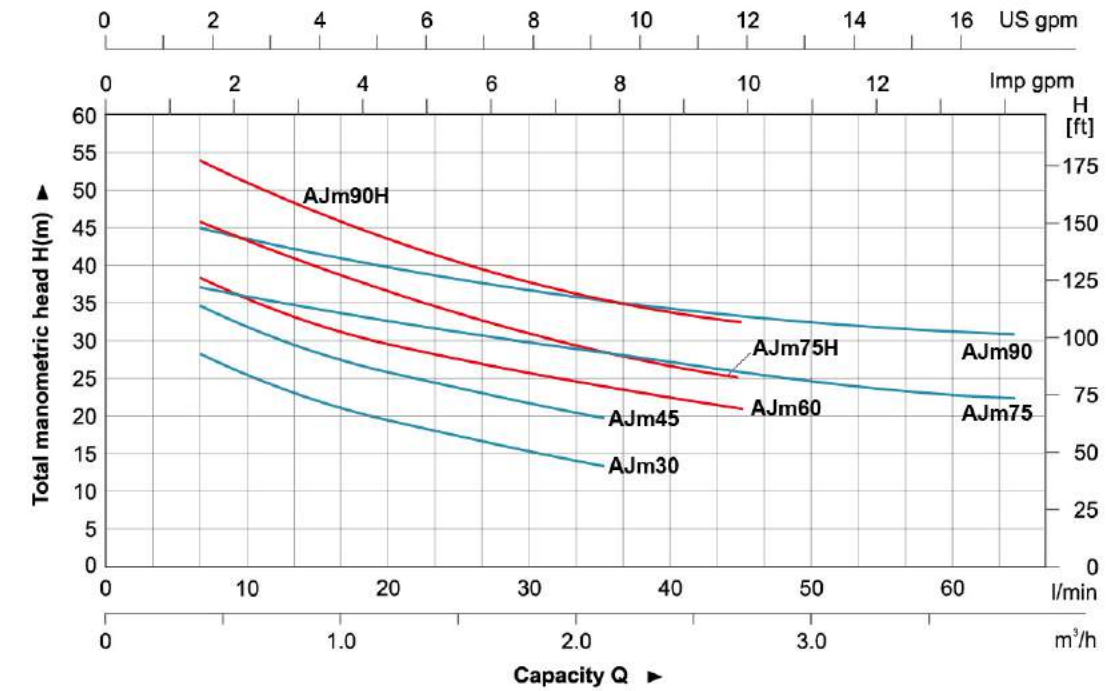
Identification Codes



Technical Data

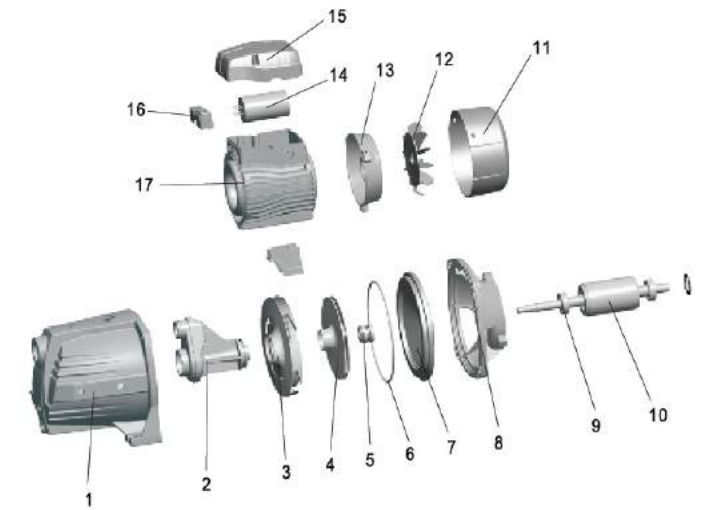
MODEL	POWER		Q (m³/h)	Q (l/min)															
	kW	HP		0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.8	3.0	3.3	3.6	3.9		
AJm30	0.3	0.4	H (m)	35	30	26	22.5	20	18	16	14	-	-	-	-	-	-		
AJm45	0.45	0.6		41	36	32	28	25	22	20	18	-	-	-	-	-	-		
AJm60	0.6	0.8		45	41	37	33.5	31	28.5	26	24	22.5	21	-	-	-	-		
AJm75	0.75	1.0		40	38	36	34.5	33	31.5	30	29	28	27	26	25	24	23		
AJm75H	0.75	1.0		51	47	43	40	37	34.5	32	30	27.5	25	-	-	-	-		
AJm90	0.9	1.2		48	46	44	42.5	41	39.5	38	36	35	34	33	32	31	30		
AJm90H	0.9	1.2		62	57	53	49	46	43	40	37	35	33	-	-	-	-		

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	HT 200
2	Venturi tube	PPO
3	Diffuser	PPO
4	Impeller	AISI 304
5	Mechanical seal	Carbon/Ceramic
6	O-ring	NBR
7	Support cover	AISI 304
8	Support	AISI 304
9	Bearing	
10	Rotor	
11	Fan cover	PP
12	Fan	PP
13	Rear cover	ZL 102
14	Capacitor	
15	Terminal box	ABS
16	Terminal board	
17	Stator	



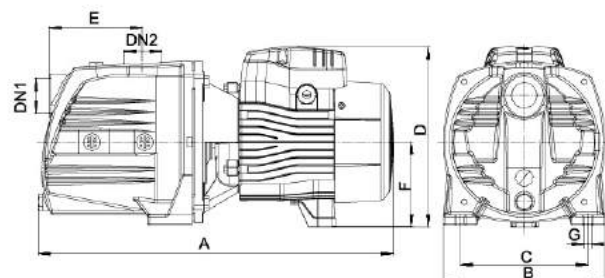
Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
AJm30	9.2	390	185	215	1740
AJm45	10.15	390	185	215	1740
AJm60	14.35	455	215	245	1170
AJm75	15.5	455	215	245	1170
AJm75H	15.5	450	215	245	1170
AJm90	16.45	455	215	245	1170
AJm90H	16.45	450	215	245	1170



Dimension

Model	DN1	DN2	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
AJm30	1"	1"	358	160	105	180	89.5	90	10
AJm45			358	160	105	180	89.5	90	10
AJm60			418	190	150	212	113	100	10
AJm75			418	190	150	212	113	100	10
AJm75H			418	190	150	212	113	100	10
AJm90			418	190	150	212	113	100	10
AJm90H			418	190	150	212	113	100	10





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for lifting water from the well, sprinkling irrigation in garden, pressure boosting of running water, and supporting equipment etc.

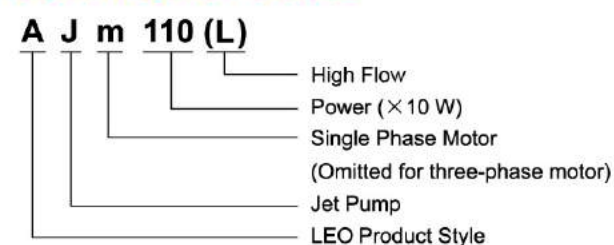
Pump

- Cast iron pump body and support under special anti-rust treatment
- Stainless steel impeller
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +9 m

Motor

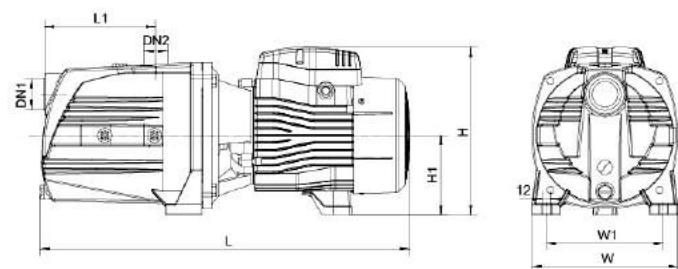
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

Identification Codes



Technical Data

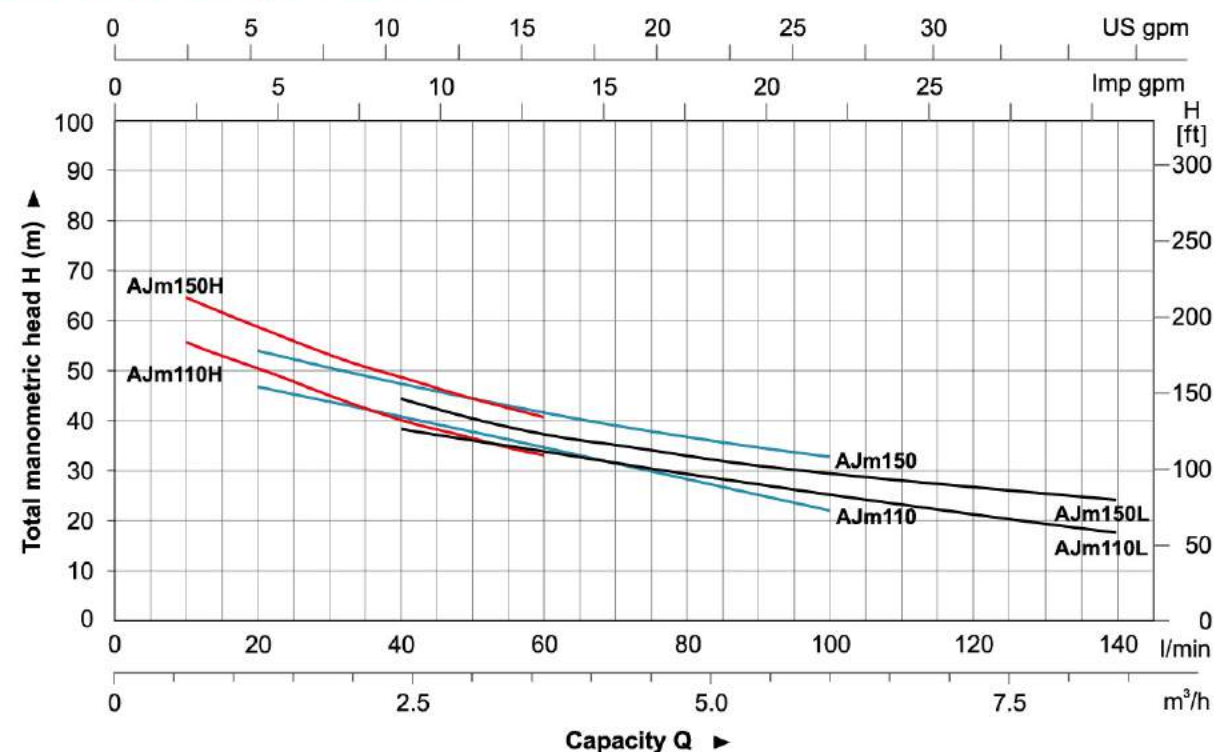
MODEL	POWER		Q (m³/h)	H (m)																		
	kW	HP		0	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	6.0	7.2	8.4	9.6		
AJm110H	1.1	1.5	Q (l/min)	0	10	15	20	25	30	35	40	45	50	60	70	80	100	120	140	160		
AJm150H	1.5	2		60	55	55	49	49	46	44	40	39.5	38	36	30	-	-	-	-	-		
AJm110	1.1	1.5		72	66	61	59	54	52	49.5	49	45	42	42	33	-	-	-	-	-		
AJm150	1.5	2		55	50	48	47	45	44	42.5	40	39	38	35	31.5	31	23	-	-	-		
AJm110L	1.1	1.5		60	55	56	53	52	51	49	45	46	45	39	38	33	-	-	-	-		
AJm150L	1.5	2		47	45	45	43	42	41	40	38	37.5	36.5	34	31	30	22	21	17	-		
				54	52	46	49	44	43	42	45	40	39	38	35	32	29	24	24	-		



Dimension

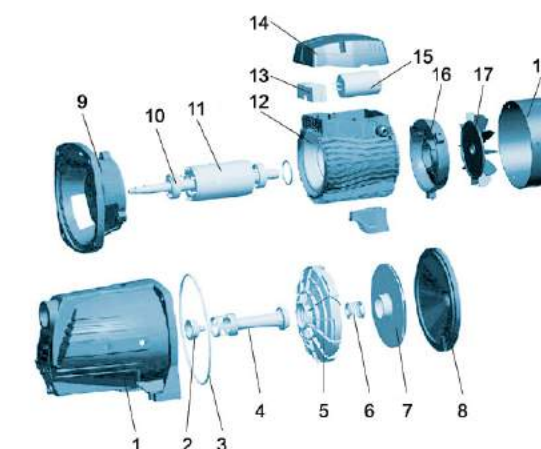
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L ₁ (mm)	W ₁ (mm)	H ₁ (mm)
AJm110	1 1/4"	1"	512	206	236	153	178	112
AJm110H			512	206	236	153	178	112
AJm110L			512	206	236	153	178	112
AJm150			512	206	236	153	178	112
AJm150H			512	206	236	153	178	112
AJm150L			512	206	236	153	178	112

Hydraulic Performance Curves



Materials Table

No.	Pnrt	Material
1	Pump body	HT200
2	Nozzle	PPO
3	O-ring	NBR
4	Venluri tube	PPO
5	Diffuser	PPO
6	Mechanical seal	Carbon/Ceramic
7	Impeller	AISI 304
8	Support cover	HT200
9	Support	ZL102
10	Bearing	
11	Rotor	
12	Stator	
13	Terminal board	PC
14	Terminal box	ABS
15	Capacitor	
16	Rear cover	ZL102
17	Fan	PP
18	Fan cover	PP



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
AJm110	24.5	572	225	259	816
AJm110H	24.5	572	225	259	816
AJm110L	24.5	572	225	259	816
AJm150	25.4	572	225	259	816
AJm150H	25.4	572	225	259	816
AJm150L	25.4	572	225	259	816





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for lifting water from the well, sprinkling irrigation in garden, pressure boosting of running water, and supporting equipment etc.

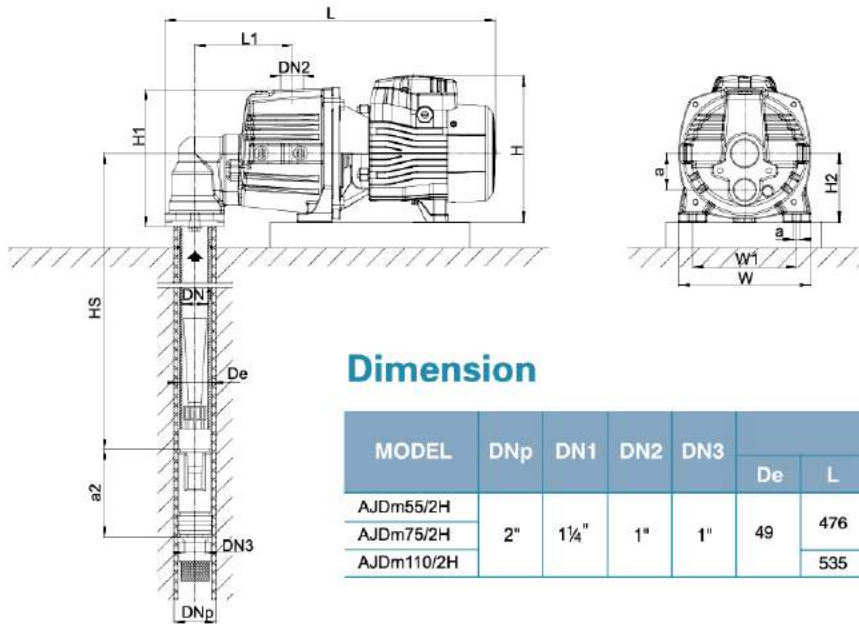
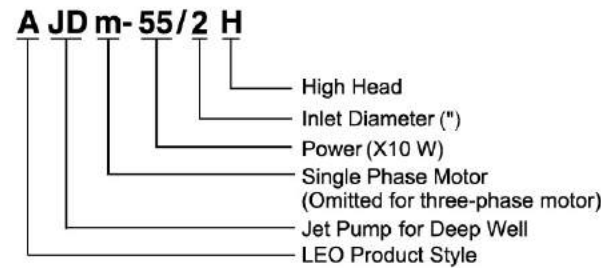
Pump

- Cast iron pump body and support under special anti-rust treatment
- Stainless steel impeller
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +40 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

Identification Code



Dimension

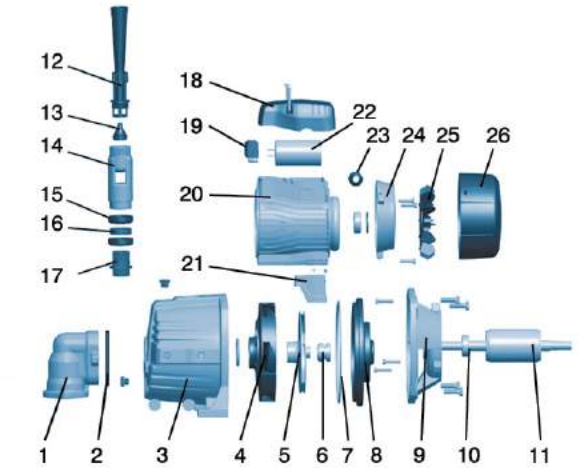
MODEL	DNp	DN1	DN2	DN3	DIMENSIONS (mm)										
					De	L	H	W	L1	H1	H2	W1	a	a2	S
AJDm55/2H					49	476	212	190	140	204	110	150	53	128	10
AJDm75/2H	2"	1 1/4"	1"	1"											
AJDm110/2H						535	237	206	153	211	112	166			

Technical Data

MODEL	POWER (kW) (HP)	HS (m)	Q (l/min)	H (m)															
				0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
AJDm55/2H	0.55	0.75	15	37	33	30	27	25	23	21	19	17	15	13	-	-	-	-	-
AJDm75/2H	0.75	1	15	47	43	40	37	34	31	29	27	25	23	21	19	17	-	-	-
AJDm110/2H	1.1	1.5	15	70	65	61	57	53	50	47	44	42	40	38	36	34	32	30	28
AJDm55/2H	0.55	0.75	20	30	26	23	21	19	17	15	13	-	-	-	-	-	-	-	-
AJDm75/2H	0.75	1	20	39	36	33	30	27	24	22	20	18	17	-	-	-	-	-	-
AJDm110/2H	1.1	1.5	20	62	57	53	49	46	43	40	38	36	34	32	28	28	-	-	-
AJDm55/2H	0.55	0.75	25	23	19	16	14	12	-	-	-	-	-	-	-	-	-	-	-
AJDm75/2H	0.75	1	25	32	29	26	23	20	18	16	-	-	-	-	-	-	-	-	-
AJDm110/2H	1.1	1.5	25	54	49	45	42	39	36	33	31	29	27	-	-	-	-	-	-
AJDm55/2H	0.55	0.75	30	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AJDm75/2H	0.75	1	30	25	22	19	16	-	-	-	-	-	-	-	-	-	-	-	-
AJDm110/2H	1.1	1.5	30	46	42	38	35	32	29	27	-	-	-	-	-	-	-	-	-
AJDm55/2H	0.75	1	35	18	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AJDm75/2H	0.75	1	35	39	35	31	28	-	-	-	-	-	-	-	-	-	-	-	-
AJDm110/2H	1.1	1.5	35	32	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AJDm55/2H	1.1	1.5	40																

Materials Table

No.	Part	Material	No.	Part	Material
1	Elbow	HT200	14	Ejector	HT200
2	Gasket seal	NBR	15	Sealing cup	NBR
3	Pump body	HT200	16	Copper sheathing	HPb59-1
4	Diffuser	PPO	17	Copper sleeve	HPb59-1
5	Impeller	AISI 304	18	Terminal box	ABS
6	Mechanical seal	Carbon/Ceramic	19	Terminal board	PC
7	O-ring	NBR	20	Stator	
8	Support cover	AISI 304/HT200	21	Motor foot	PA6
9	Support	ZL102	22	Capacitor	
10	Bearing		23	Cable holder	
11	Rotor		24	Rear cover	ZL102
12	Venturi tube	PPO	25	Fan	PP
13	Nozzle	PPO	26	Fan cover	PP



Package Information

MODEL	WG (kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
AJDm55/2H	15.65	500	215	240	1053
AJDm75/2H	16.9	500	215	240	1053
AJDm110/2H	21.95	585	230	265	728





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for lifting water from the well, sprinkling irrigation in garden, pressure boosting of running water, and supporting equipment etc.

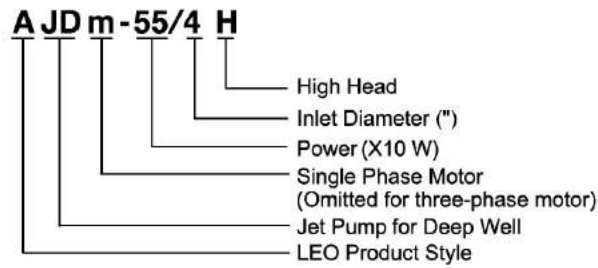
Pump

- Cast iron pump body and support under special anti-rust treatment
- Stainless steel impeller
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +40 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

Identification Code

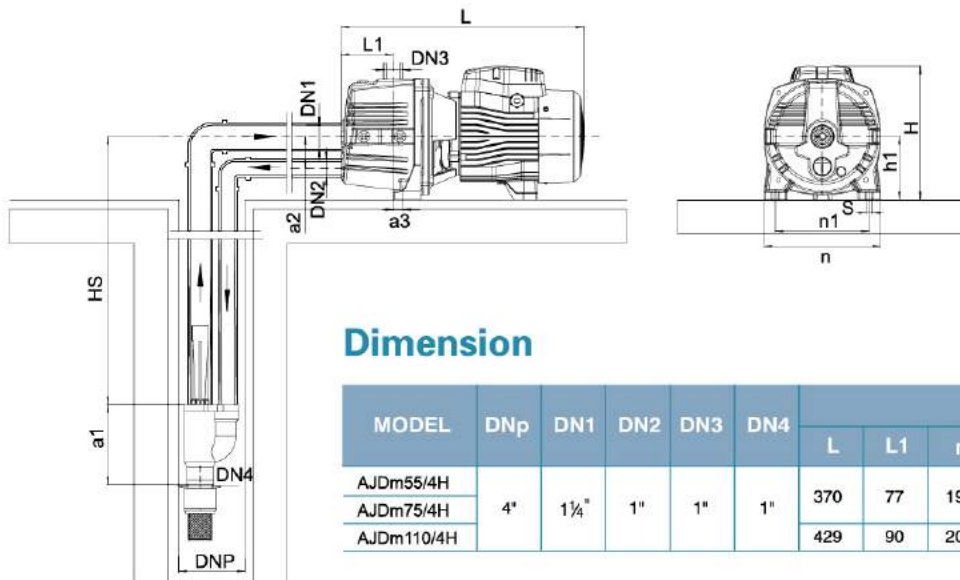
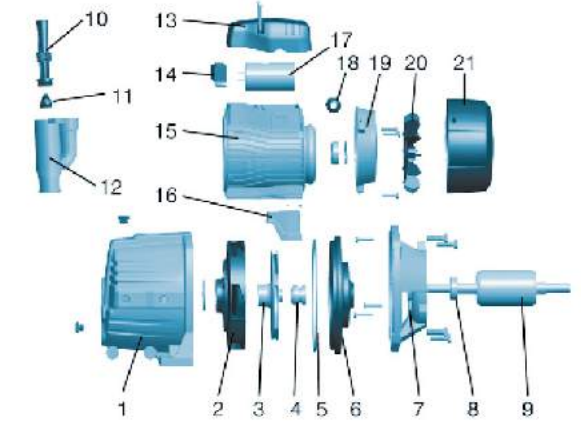


Technical Data

MODEL	POWER		HS (m)	Q (l/min)	H (m)																		
	(kW)	(HP)			0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	
AJDm55/4H	0.55	0.75	15	15	39	35	33	29	27	25	23	21	19	17	15	14	13	-	-	-	-	-	
AJDm75/4H	0.75	1			50	46	43	40	37	34	32	30	28	26	24	22	20	19	18	17	-	-	
AJDm110/4H	1.1	1.5			75	70	66	62	58	55	52	49	47	45	43	41	39	37	35	33	31	29	
AJDm55/4H	0.55	0.75	20	20	32	28	25	23	21	19	17	15	13	-	-	-	-	-	-	-	-	-	
AJDm75/4H	0.75	1			42	39	36	33	30	27	25	23	21	20	18	17	-	-	-	-	-	-	
AJDm110/4H	1.1	1.5			67	62	58	54	51	48	45	43	41	39	37	35	33	31	29	27	-	-	
AJDm55/4H	0.55	0.75	25	25	25	21	18	16	14	12	-	-	-	-	-	-	-	-	-	-	-	-	
AJDm75/4H	0.75	1			35	32	29	26	23	21	19	17	-	-	-	-	-	-	-	-	-	-	-
AJDm110/4H	1.1	1.5			59	54	50	47	44	41	38	36	34	32	30	28	-	-	-	-	-	-	-
AJDm55/4H	0.55	0.75	30	30	18	15	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AJDm75/4H	0.75	1			28	25	22	19	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AJDm110/4H	1.1	1.5			51	47	43	40	37	34	32	30	28	-	-	-	-	-	-	-	-	-	-
AJDm75/4H	0.75	1	35	35	21	18	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AJDm110/4H	1.1	1.5			44	40	36	33	30	27	-	-	-	-	-	-	-	-	-	-	-	-	-
AJDm110/4H	1.1	1.5			37	33	30	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Materials Table

No.	Part	Material	No.	Part	Material
1	Pump body	HT200	12	Ejector	HT200
2	Diffuser	PPO	13	Terminal box	ABS
3	Impeller	Stainless steel	14	Terminal board	PC
4	Mechanical seal	Carbon/Ceramic	15	Stator	
5	O-ring	NBR	16	Motor foot	PA6
6	Support cover	AISI 304/HT200	17	Capacitor	
7	Support	ZL102	18	Cable holder	
8	Bearing		19	Rear cover	ZL102
9	Rotor		20	Fan	PP
10	Venturi tube	PPO	21	Fan cover	PP
11	Nozzle	PPO			



Dimension

MODEL	DNp	DN1	DN2	DN3	DN4	DIMENSIONS (mm)									
						L	L1	n	n1	H	h1	a1	a2	a3	S
AJDm55/4H						370	77	190	150	212	100	160	53	17	10
AJDm75/4H	4"	1 1/4"	1"	1"	1"	429	90	206	166	236	112	160	53	12	10
AJDm110/4H															

Package Information

MODEL	WG (kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
AJDm55/4H	16.65	500	215	240	1053
AJDm75/4H	17.9	500	215	240	1053
AJDm110/4H	23.25	585	230	265	728





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, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

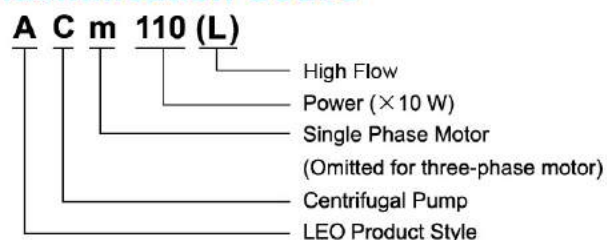
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40 °C
- Max. suction: +8 m

Motor

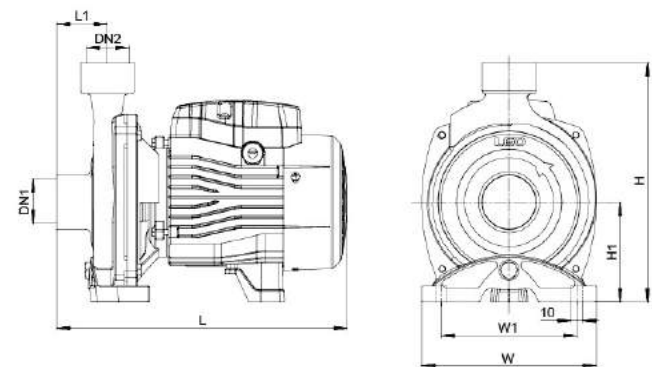
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40 °C
- IE 2 motor (Three phase, power ≥ 0.75kW)

Identification Codes



Technical Data

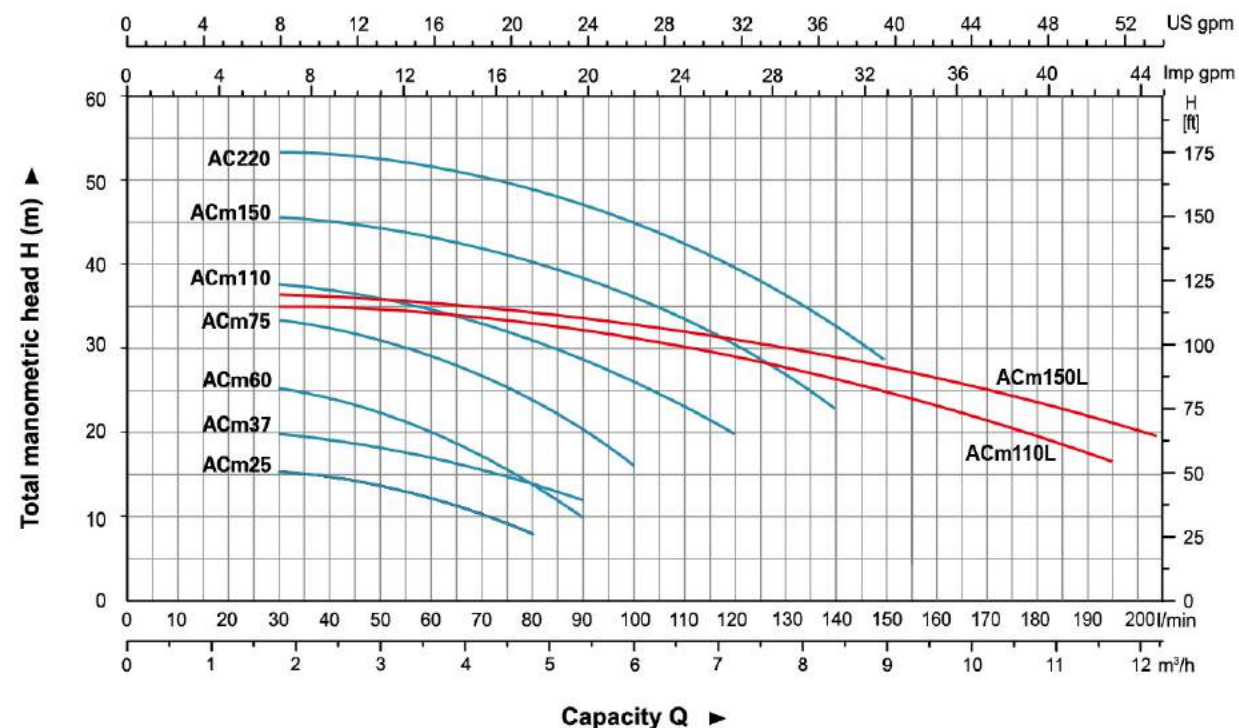
MODEL	POWER	Q (m³/h)																							
		0	0.6	0.9	1.2	1.8	2.4	3.0	3.6	4.2	4.5	4.8	5.4	6.0	6.6	7.2	7.8	8.4	9.0	9.6	10.8	11.7	12.6		
Single Phase	Three Phase	Q (l/min)																							
ACm25	—	0.25	0.3	H (m)																					
ACm37	—	0.37	0.5	17	16.5	16.2	16	15.5	14.5	3.5	12.5	10.5	9.5	8	-	-	-	-	-	-	-	-	-		
ACm60	AC60	0.6	0.8	23	21.5	21	21	20.5	19.5	18	17	15.5	14.5	14	12	-	-	-	-	-	-	-	-		
ACm75	AC75	0.75	1.0	27	26.5	26.2	26	25	24.5	22.5	20	17	15.5	14	10	-	-	-	-	-	-	-	-		
ACm110	AC110	1.1	1.5	36	35	34	33.5	33	32	31	29	27	26	23.5	20	16	-	-	-	-	-	-	-		
ACm150	AC150	1.5	2	40	39	38	38	37.5	37	36	35	33	32	31	29	26	23	20	-	-	-	-	-		
—	AC220	2.2	3	48	47.5	47	46.5	45.5	44.5	43.5	42.5	41.5	41	40.5	39	37	34.5	31	27	22	-	-	-		
ACm110L	AC110L	1.1	1.5	55	54.5	53	53.5	53	52.5	51.5	50.5	49.5	48	48.5	47	45.5	43.5	40	36.5	32.5	28	-	-		
ACm150L	AC150L	1.5	2	34.5	34.3	34.2	34.1	34	33.8	33.5	33	32.5	32.3	32	31	30.5	29.5	28.5	27.5	26.5	25	23.5	20	16.5	
				37.5	37.2	37	36.9	36.6	36.2	35.8	35.4	35	34.8	34.7	34	33.3	32.5	31.5	30.5	29.5	28.2	27	24	21	19



Dimension

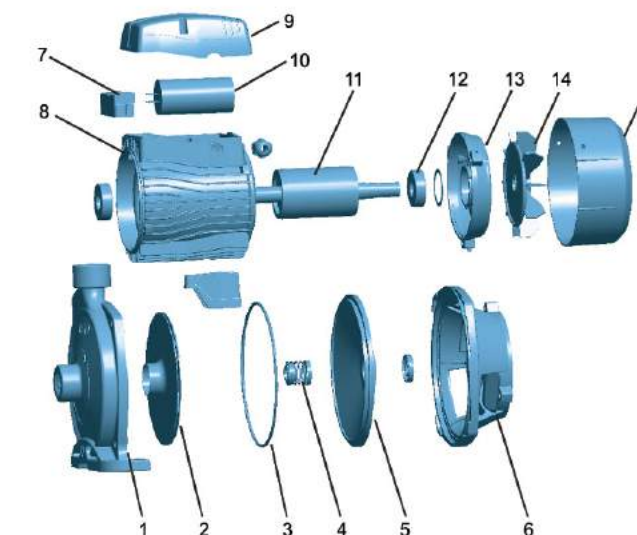
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L ₁ (mm)	W ₁ (mm)	H ₁ (mm)
ACm25	1"	1"	270	157	216	42	122	90
ACm37			270	157	216	42	122	90
ACm60			298	190	240	44	160	90
ACm75	1 1/4"	1"	298	190	240	44	160	100
ACm110			359	206	263	50	178	112
ACm150			360	240	286	51	207	115
AC 220	1 1/2"	1"	360	240	286	51	207	115
ACm110L			356	206	265	48.5	178	112
ACm150L			356	206	265	48.5	178	112

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	HT200
2	Impeller	AISI 304 Brass
3	O-ring	NBR
4	Mechanical seal	Carbon/Ceramic
5	Support cover	AISI 304/HT200
6	Support	ZL102
7	Terminal board	PC
8	Stator	
9	Terminal box	ABS
10	Capacitor	
11	Rotor	
12	Bearing	
13	Rear cover	ZL102
14	Fan	PP
15	Fan cover	PP



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
ACm25	7.9	290	185	239	2124
ACm37	8.4	290	185	239	2124
ACm60	11.5	333	215	260	1384
ACm75	13.4	333	215	260	1384
ACm110	18.45	383	233	287	987
ACm150	22.8	425	265	310	770
AC220	23.3	425	265	310	770
ACm110L	18.4	383	233	287	987
ACm150L	19.35	383	233	287	987





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, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

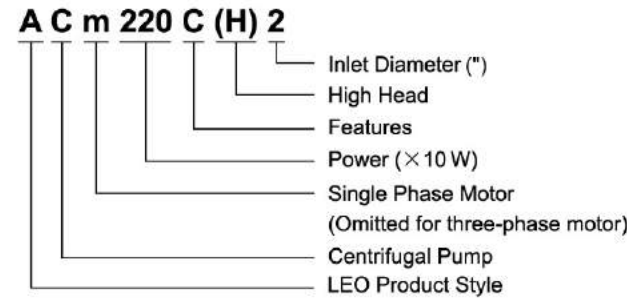
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +8 m

Motor

- C&U bearing
- Motor with copper winding
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C
- IE 2 motor (Three phase, power ≥ 0.75kW, AC750C2 and AC750C4 excluded)

Identification Codes

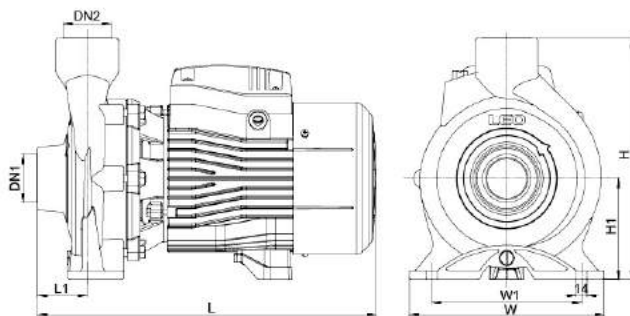


Technical Data

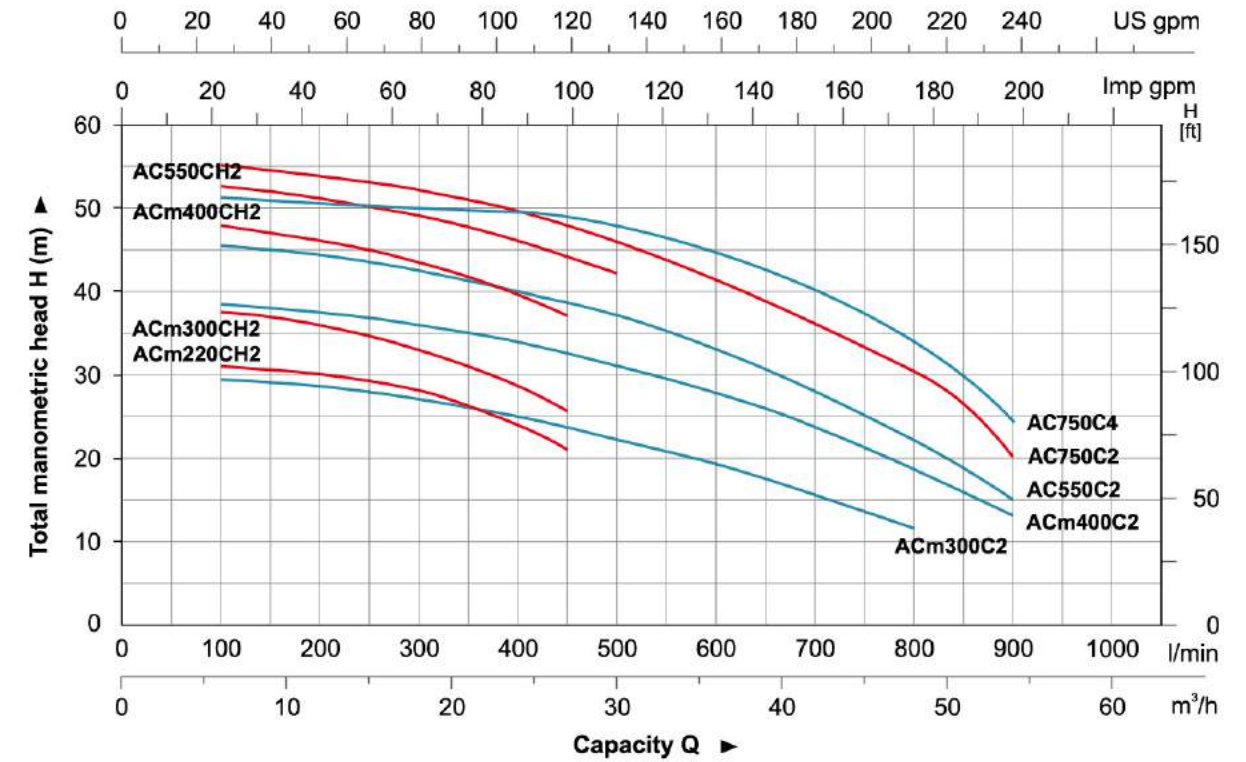
MODEL		POWER		Q (m³/h)														
Single Phase	Three Phase	kW	HP	0	6	9	12	15	18	24	27	30	36	42	48	54		
				Q (l/min)	0	100	150	200	250	300	400	450	500	600	700	800	900	
ACm220CH2	AC220CH2	2.2	3	H (m)	31	30	29.5	28.5	27.5	26	21.5	18.5	-	-	-	-	-	
ACm300CH2	AC300CH2	3	4		38	37.5	37	36	34.5	33	28.5	25.5	-	-	-	-	-	-
ACm400CH2	AC400CH2	4	5.5		49	48	47	46	45	43.5	39.5	37	-	-	-	-	-	-
---	AC550CH2	5.5	7.5		54	52.5	52	51	50	49	46	44	42	-	-	-	-	-
ACm300C2	AC300C2	3	4		30	29.5	29	28.5	28	27	25	23.5	22	19.5	15.5	11.5	-	-
ACm400C2	AC400C2	4	5		39	38.5	38	37.5	37	36	34	32.5	31	28	24	18.5	13	-
---	AC550C2	5.5	7.5		46.5	45.5	45	44.5	43.5	42.5	40	38.5	37	33	28	22	15	-
---	AC750C2	7.5	10		56.5	55	55	54.5	53.5	52.5	50	48.5	46.5	42	36.5	30.5	20	-
---	AC750C4	7.5	10		52.5	52	52	51.5	51	50.5	48	46.5	44.5	40	35.5	30.5	24	-

Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L ₁ (mm)	W ₁ (mm)	H ₁ (mm)		
ACm220CH2	2"	2"	444	255	315	65	186	132		
ACm300CH2			444	255	315	65	186	132		
ACm400CH2			496.5	280	326	70	195	136		
AC550CH2			496.5	280	326	70	195	136		
ACm300C2			444	255	315	65	186	132		
ACm400C2			496.5	280	326	70	195	136		
AC550C2			496.5	280	326	70	195	136		
AC750C2			515	290	360	85	216	150		
AC750C4			4"	3"	525	290	360	95	216	150

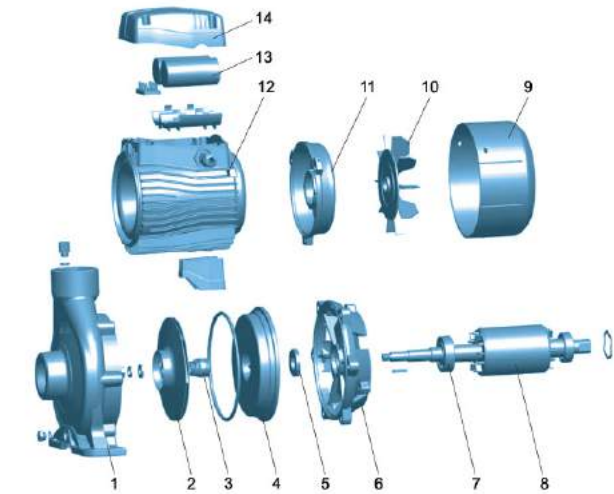


Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	HT200
2	Impeller	AISI 304 Brass
3	Mechanical seal	Carbon/Ceramic
4	Bracket cover	HT200
5	Oil seal	
6	Support	HT200
7	Bearing	
8	Rotor	
9	Fan cover	PP
10	Fan	PP
11	Rear cover	ZL102
12	Stator	
13	Capacitor	
14	Terminal box	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
ACm220CH2	39	507	304	372	486
ACm300CH2	41.8	507	304	372	478
ACm400CH2	56.5	562	328	383	345
AC550CH2	57.1	562	328	383	345
ACm300C2	41.4	507	304	372	483
ACm400C2	57.5	562	328	372	345
AC550C2	55.5	562	328	383	345
AC750C2	62	587	338	417	305
AC750C4	63.7	587	338	417	305





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, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

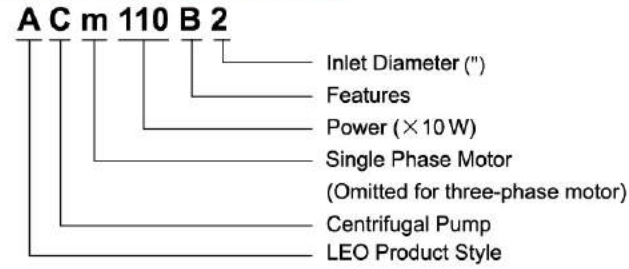
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +8 m

Motor

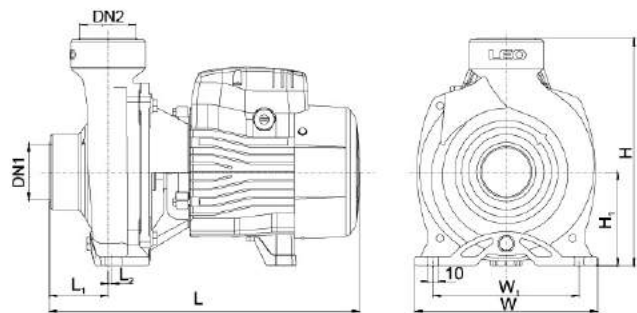
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C
- IE 2 motor (Three phase, power ≥ 0.75kW)

Identification Codes



Technical Data

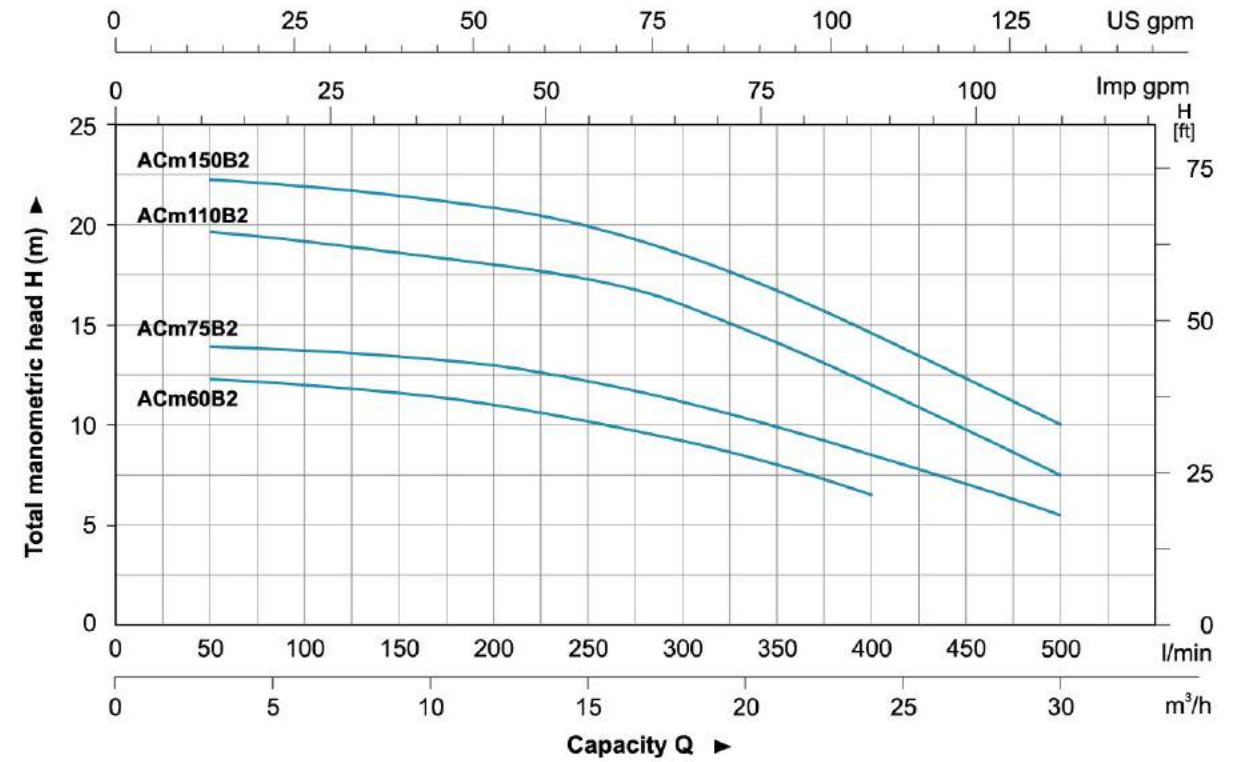
MODEL		POWER		Q (m³/h)													
Single Phase	Three Phase	kW	HP	0	6	9	12	15	18	21	24	30					
				Q (l/min)	0	100	150	200	250	300	350	400	500				
ACm60B2	AC60B2	0.6	0.8	H (m)	12.5	12	11.7	11	10.2	9.2	8	6.5	-				
ACm75B2	AC75B2	0.75	1		14	13.7	13.5	13	12.3	11.2	9.9	8.5	5.5				
ACm110B2	AC110B2	1.1	1.5		19.5	19.2	19	18.5	17.7	16.5	15	13	8.5				
ACm150B2	AC150B2	1.5	2		22	21.5	21	20.5	19.5	18.3	16.5	14.5	9.5				
					Q (l/min)	0	100	150	200	250	300	350	400	500			



Dimension

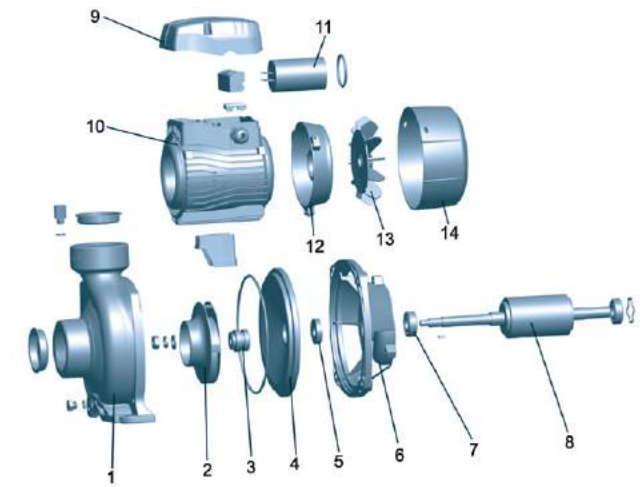
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L ₁ (mm)	L ₂ (mm)	W ₁ (mm)	H ₁ (mm)
ACm60B2	2"	2"	331	195	242	62.5	4	156	100
ACm75B2	2"	2"	331	195	242	62.5	4	156	100
ACm110B2	2"	2"	378	206	263	59	3.5	166	112
ACm150B2	2"	2"	378	206	263	59	3.5	166	112

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	HT200
2	Impeller	AISI 304 Brass
3	Mechanical seal	Carbon/Ceramic
4	Support cover	HT200
5	Oil seal	
6	Support	ZL102
7	Bearing	
8	Rotor	
9	Terminal box	ABS
10	Stator	
11	Capacitor	
12	Rear cover	ZL102
13	Fan	PP
14	Fan cover	PP



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20' TEU)
ACm60B2	14.4	375	214	265	1264
ACm75B2	15.2	375	214	265	1264
ACm110B2	19.9	415	225	285	945
ACm150B2	20.7	415	225	285	945





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, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

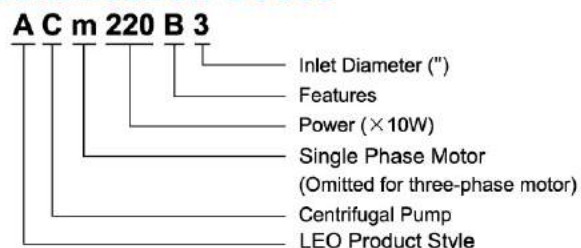
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40 °C
- Max. suction: +8 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor (≤1.5 kW)
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C
- IE 2 motor (Three phase, power ≥ 0.75kW)

Identification Codes

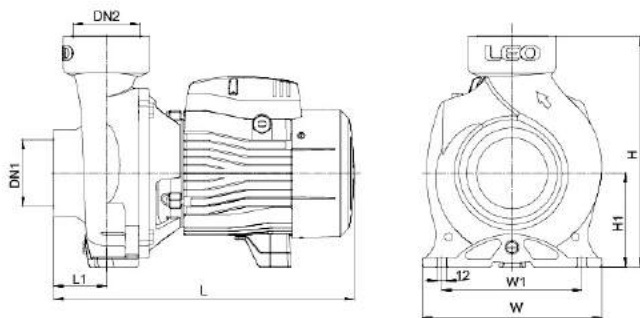


Technical Data

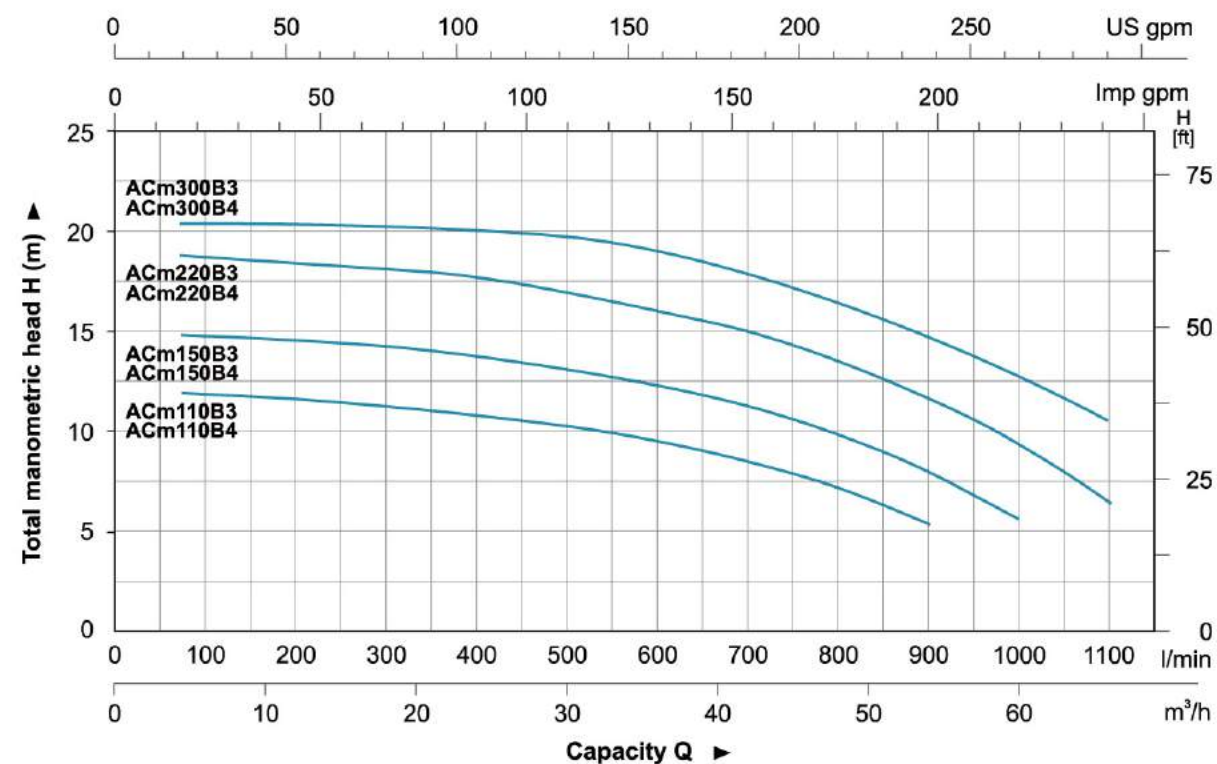
MODEL		POWER		Q (m³/h)													
Single Phase	Three Phase	kW	HP	Q (l/min)	0	12	18	24	30	36	42	48	54	60	66	71	
ACm110B3	AC110B3	1.1	1.5	H (m)	12.5	12.5	12.1	11.5	10.5	9.5	8.4	7.1	5.5	-	-	-	
ACm110B4	AC110B4	1.1	1.5		12.5	12.5	12.1	11.5	10.5	9.5	8.4	7.1	5.5	-	-	-	
ACm150B3	AC150B3	1.5	2		14.5	14.3	14	13.5	12.8	12	11.2	9.9	8.4	6	-	-	
ACm150B4	AC150B4	1.5	2		14.5	14.3	14	13.5	12.8	12	11.2	9.9	8.4	6	-	-	
ACm220B3	AC220B3	2.2	3		17.5	17.3	17.1	16.5	16	15.2	14.2	13.2	11.7	10	7.2	-	
ACm220B4	AC220B4	2.2	3		17.5	17.3	17.1	16.5	16	15.2	14.2	13.2	11.7	10	7.2	-	
ACm300B3	AC300B3	3	4		20	19.8	19.6	19.5	19	18.3	17.5	16.2	14.6	13	11.5	10	
ACm300B4	AC300B4	3	4		20	19.8	19.6	19.5	19	18.3	17.5	16.2	14.6	13	11.5	10	

Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L ₁ (mm)	W ₁ (mm)	H ₁ (mm)
ACm110B3	3"	3"	386	230	295	68	180	120
ACm110B4	4"	4"	393	230	295	75	180	120
ACm150B3	3"	3"	386	230	295	68	180	120
ACm150B4	4"	4"	393	230	295	75	180	120
ACm220B3	3"	3"	453	230	295	68	180	120
ACm220B4	4"	4"	460	230	295	75	180	120
ACm300B3	3"	3"	453	230	295	68	180	120
ACm300B4	4"	4"	460	230	295	75	180	120

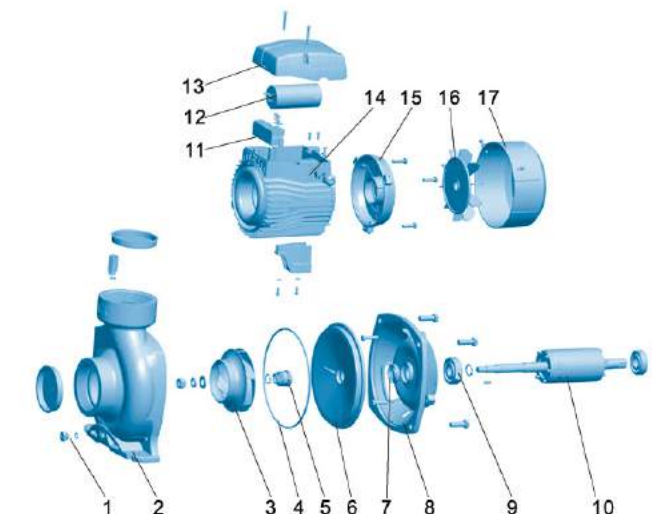


Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Filling plug	HPb59-1
2	Pump body	HT200
3	Impeller	Brass
4	O-ring	NBR
5	Mechanical seal	Carbon/Ceramic
6	Bracket cover	HT200
7	Oil seal	
8	Support	HT200
9	Bearing	
10	Rotor	
11	Terminal board	PC
12	Capacitor	
13	Terminal box	ABS
14	Stator	
15	Rear cover	ZL102
16	Fan	PP
17	Fan cover	PP



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
ACm110B3	26.3	433	255	332	684
ACm110B4	29.5	433	255	332	675
ACm150B3	27.2	433	255	332	684
ACm150B4	30.4	433	255	332	655
ACm220B3	34.8	522	288	331	510
ACm220B4	38	522	288	331	496
ACm300B3	37.3	522	288	331	506
ACm300B4	40.5	522	288	331	467





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, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

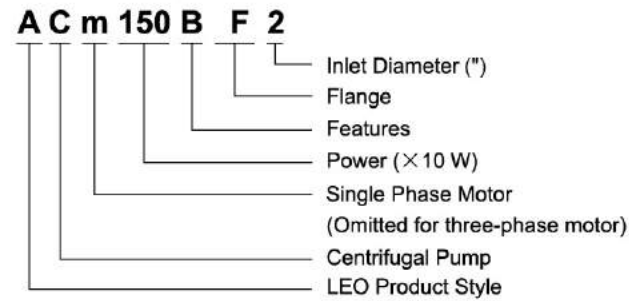
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +8 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor (≤1.5 kW)
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C
- IE 2 motor (Three phase, power ≥ 0.75kW)

Identification Codes

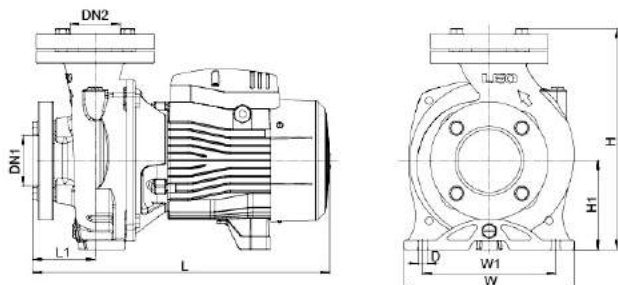


Technical Data

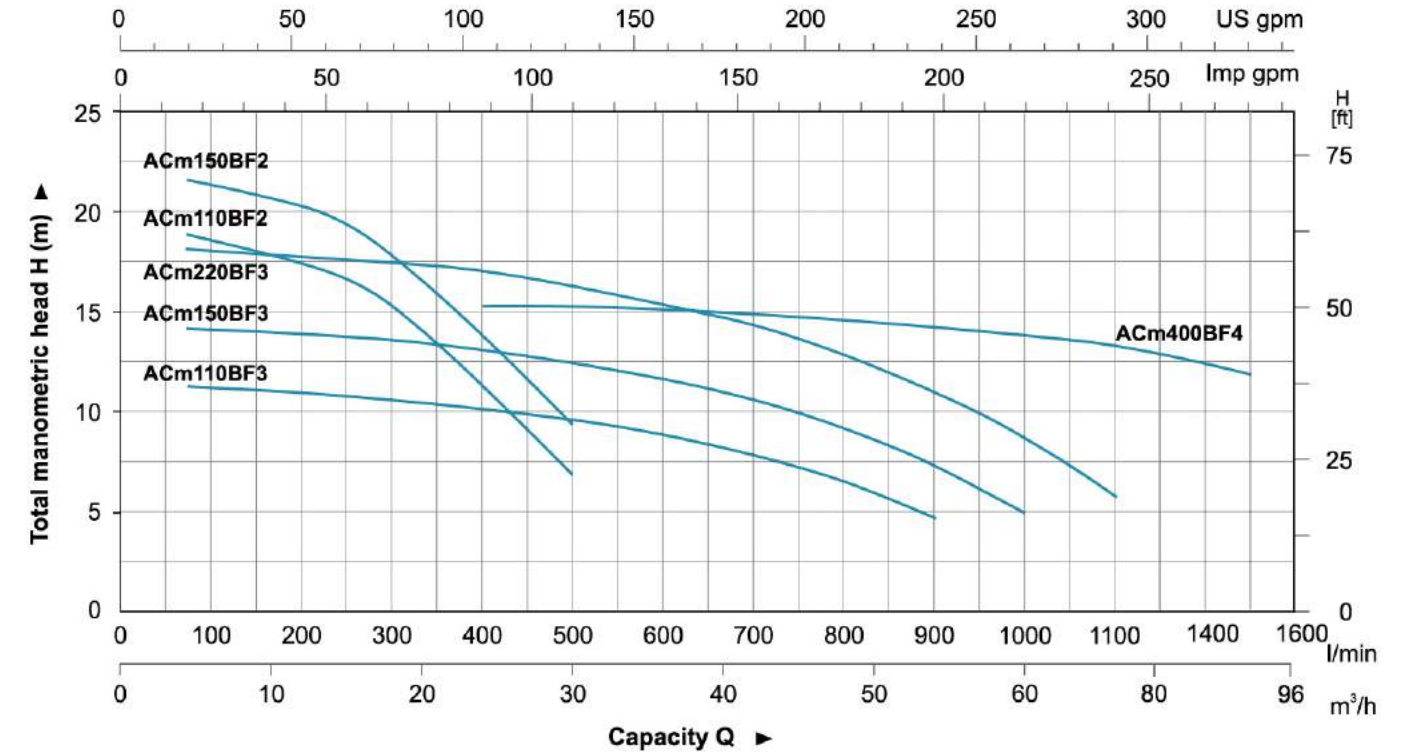
MODEL		POWER		Q (m³/h)													
Single Phase	Three Phase	kW	HP	0	12	18	24	30	36	42	48	54	60	66	72	84	96
ACm110BF2	AC110BF2	1.1	1.5	0	200	300	400	500	600	700	800	900	1000	1100	1200	1400	1600
ACm110BF3	AC110BF3	1.1	1.5	19.5	18.5	16.5	13	8.5	-	-	-	-	-	-	-	-	
ACm150BF2	AC150BF2	1.5	2	12.5	12.5	21.1	11.5	10.5	9.5	8.4	7.1	5.5	-	-	-	-	
ACm150BF3	AC150BF3	1.5	2	22	20.5	18.3	14.5	9.5	-	-	-	-	-	-	-	-	
ACm220BF3	AC220BF3	2.2	3	14.5	14.3	14	13.5	12.8	12	11.2	9.9	8.4	6	-	-	-	
ACm400BF4	AC400BF4	4	5.5	17.5	17.3	17.1	16.5	16	15.2	14.2	14.2	11.7	10	7.2	-	-	
				16.5	-	-	16	15.8	15.5	15.3	15.3	15	14.7	14.4	14	13.2	12.1

Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L ₁ (mm)	W ₁ (mm)	H ₁ (mm)	D (mm)
ACm110BF2	2"	2"	392	206	270	64.5	166	112	10
ACm110BF3	3"	3"	403	230	300	86	180	120	12
ACm150BF2	2"	2"	392	206	270	64.5	166	112	10
ACm150BF3	3"	3"	403	230	300	86	180	120	12
ACm220BF3	3"	3"	471	230	300	86	180	120	12
ACm400BF4	4"	4"	593	281.5	398	120.5	206	160	16

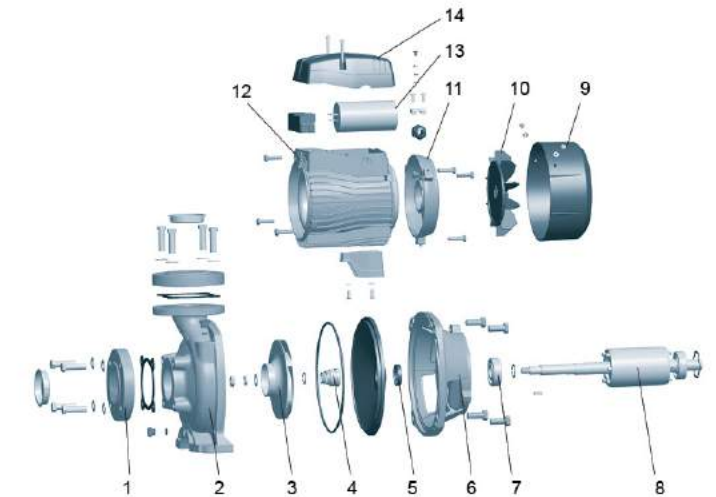


Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Flange	HT200
2	Pump body	HT200
3	Impeller	AISI 304/Brass HT200
4	Mechanical seal	Carbon/Ceramic
5	Oil seal	
6	Support	HT200
7	Bearing	
8	Rotor	
9	Fan cover	PP
10	Fan	PP
11	Rear cover	HT200
12	Stator	
13	Capacitor	
14	Terminal box	PC/ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
ACm110BF2	22.2	414	230	300	900
ACm150BF2	24	414	230	300	833
ACm110BF3	31.5	433	255	332	634
ACm150BF3	32.5	433	255	332	615
ACm220BF3	40	522	288	332	500
ACm400BF4	72.8	658	330	457	204





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, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment, etc.

Pump

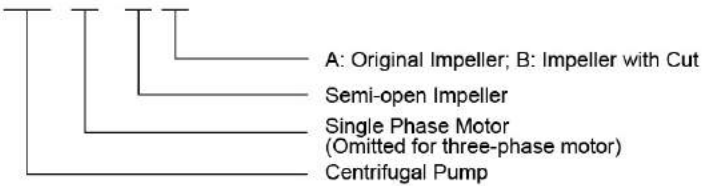
- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: 8 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C
- IE2 motor for XG/1A

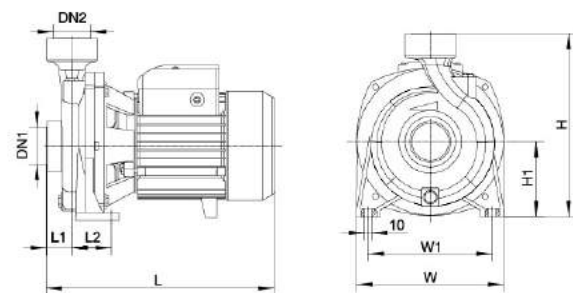
Identification Codes

XG m / 1 A



Technical Data

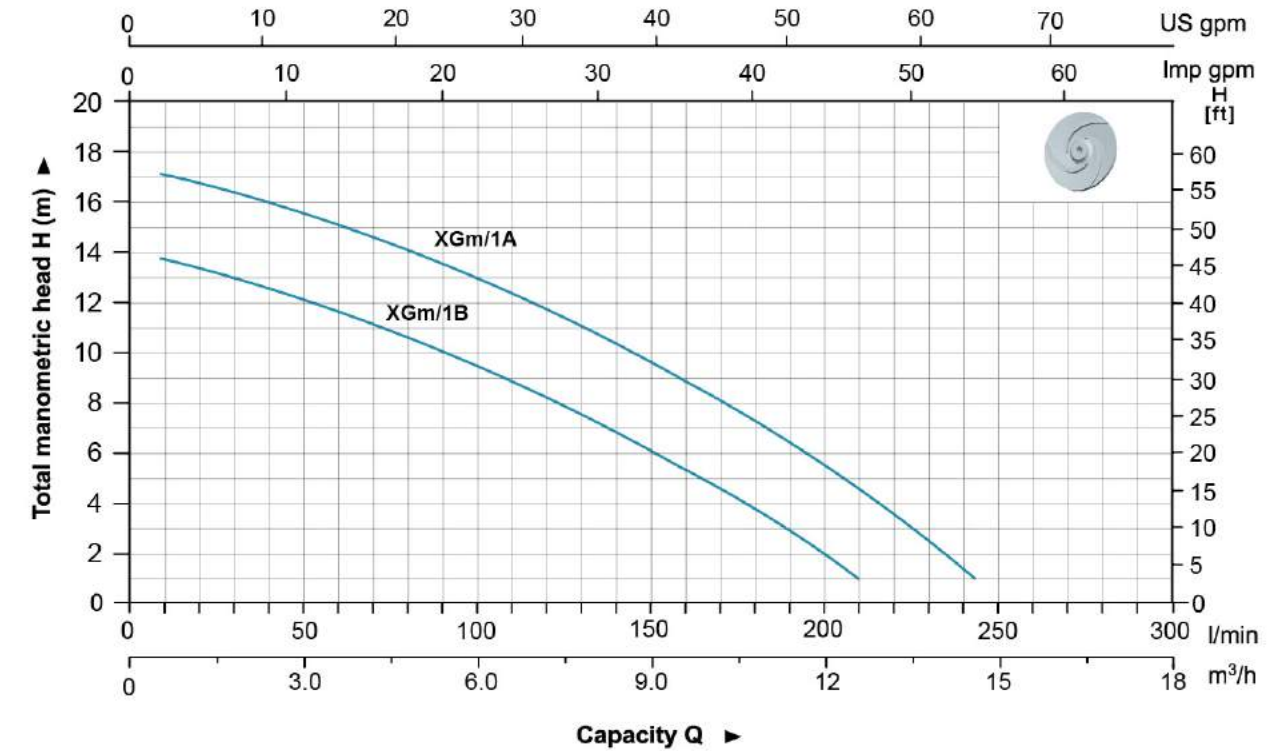
Model		POWER		Q (m³/h)													
Single Phase	Three Phase	kW	HP	0	2.4	4.2	6	7.8	9.6	11.4	13.2	14.7					
				Q (l/min)													
				0	40	70	100	130	160	190	220	245					
XGm/1A	XG/1A	0.75	1	H (m)	17.5	16	14.5	13	11	9	6.5	3.5	1				
XGm/1B	XG/1B	0.6	0.8		14	12.5	11	9.5	7.5	5.5	3	-	-				



Dimension

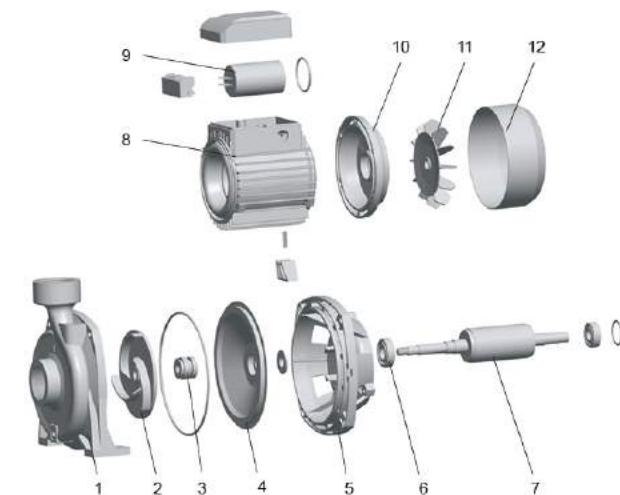
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)
XGm/1A	1 1/2"	1 1/2"	295	191	235	44	48	160	96.5
XGm/1B									

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	HT200
2	Impeller	Brass
3	Mechanical seal	Carbon/Ceramic
4	Bracket cover	AISI 304
5	Support	ZL102
6	Bearing	
7	Rotor	
8	Stator	
9	Capacitor	
10	Rear cover	ZL102
11	Fan	PP
12	Fan cover	08F



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
XGm/1A	13	325	242	265	1512
XGm/1B	11.5	325	242	265	1512





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, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

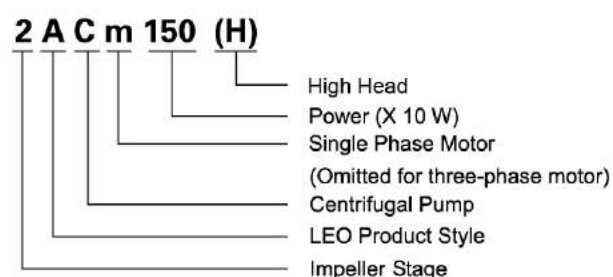
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +8 m

Motor

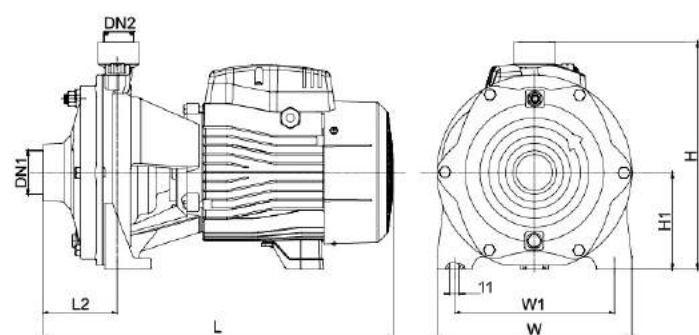
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C
- IE 2 motor (Three phase, power ≥ 0.75kW)

Identification Codes



Technical Data

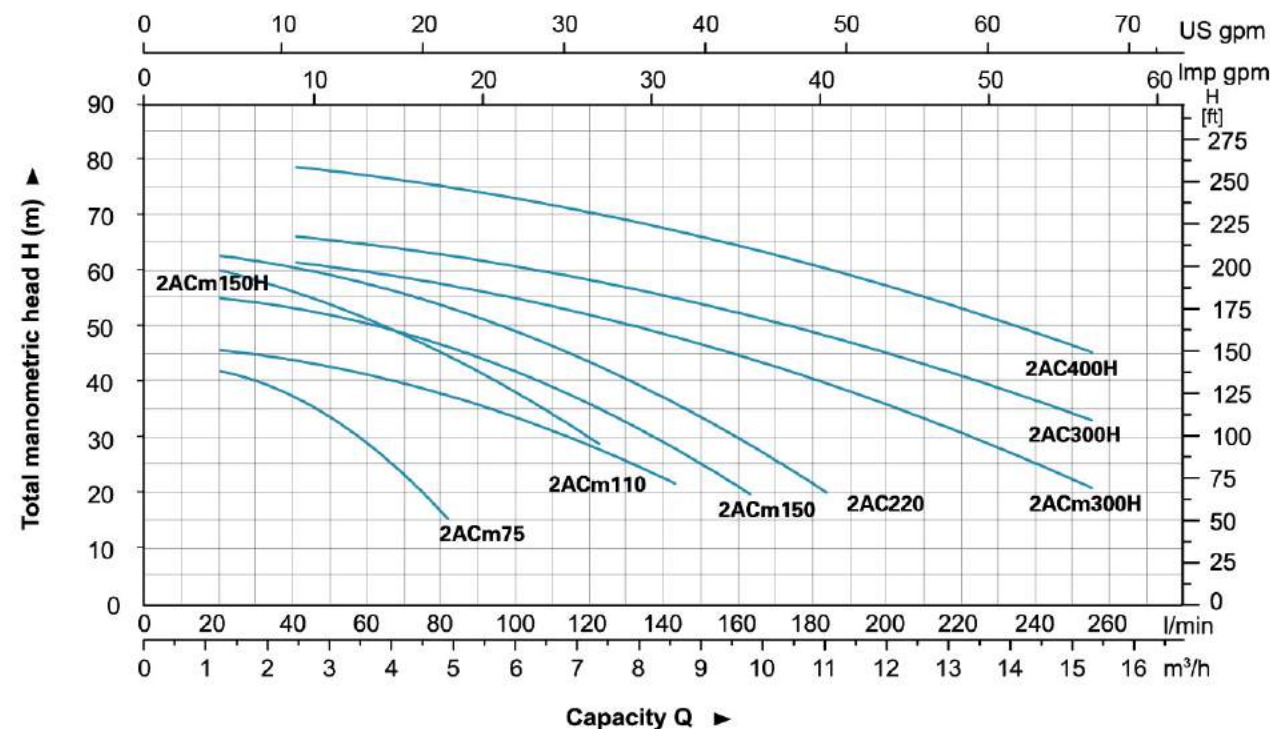
MODEL		POWER		Q (m³/h)		Q (l/min)																																		
Single Phase	Three Phase	kW	HP	0	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	9.6	10.8	12	15	0	20	30	40	50	60	70	80	90	100	110	120	140	160	180	220	250			
2ACm75	2AC75	0.75	1.0	H (m)	45	42.5	40	37	33.5	28.5	23	15	-	-	-	-	-	-	-	-	-	45	42.5	40	37	33.5	28.5	23	15	-	-	-	-	-	-	-	-	-		
2ACm110	2AC110	1.1	1.5		47	46	45	44	43	41.5	40	38	35.5	33	30.5	28	22	-	-	-	-	-	47	46	45	44	43	41.5	40	38	35.5	33	30.5	28	22	-	-	-	-	-
2ACm150	2AC150	1.5	2		57.5	55.5	54.5	53.5	52	50.5	49	47	44.5	41.5	38.5	35	28	20	-	-	-	-	57.5	55.5	54.5	53.5	52	50.5	49	47	44.5	41.5	38.5	35	28	20	-	-	-	-
2ACm150H	2AC150H	1.5	2		63.5	60.5	58.5	56.5	54	51.5	48.5	45	41	37.5	33.5	29	-	-	-	-	-	-	63.5	60.5	58.5	56.5	54	51.5	48.5	45	41	37.5	33.5	29	-	-	-	-	-	
---	2AC220	2.2	3		65	63	62	61	59.5	58	56	54	51.5	49	46	43	36	28.5	20.5	-	-	-	65	63	62	61	59.5	58	56	54	51.5	49	46	43	36	28.5	20.5	-	-	-
2ACm300H	---	3	4		65	-	-	62	61	60	59	58	56.5	55	53.5	52.5	48.5	44.5	40	35	21	-	65	-	-	62	61	60	59	58	56.5	55	53.5	52.5	48.5	44.5	40	35	21	-
---	2AC300H	3	4		70	-	-	67	66	65	64	63	62	61	59.5	59	55.5	52	49	45	33	-	70	-	-	67	66	65	64	63	62	61	59.5	59	55.5	52	49	45	33	-
---	2AC400H	4	5.5		82	-	-	79.5	78.5	77.5	76.5	75.5	74.5	73.5	72	71	67.5	64.5	61	57	45.5	-	82	-	-	79.5	78.5	77.5	76.5	75.5	74.5	73.5	72	71	67.5	64.5	61	57	45.5	-



Dimension

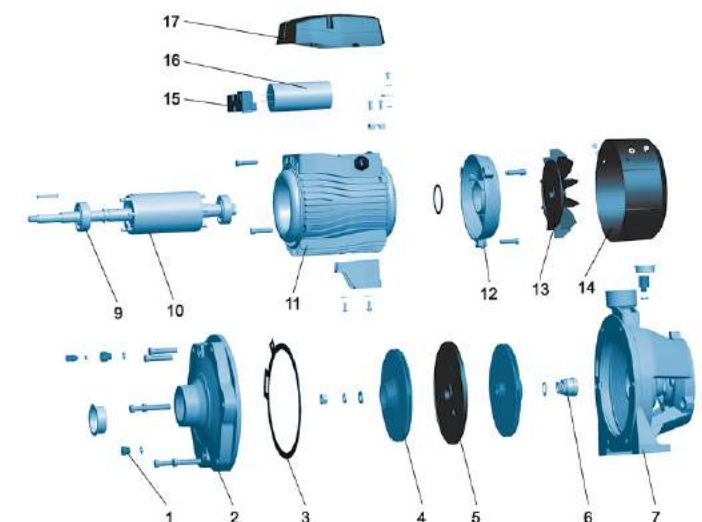
Model	DN1	DN2	L (mm)	L ₂ (mm)	H (mm)	H ₁ (mm)	W (mm)	W ₁ (mm)
2ACm75	1 1/4"	1"	336	72	231	100	181	145
2ACm110	379		71	225	93	200	162	
2ACm150	1 1/2"	1"	400	80	262	112	225	185
2ACm150H								
2AC220								
2ACm300H	1 1/4"	1"	480	63	311	132	281	234
2AC300H								
2AC400H								

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Drain plug	HPb59-1
2	Pump body	HT200
3	Gasket	NBR
4	Impeller	AISI 304/Brass HT200
5	Bracket cover	HT200
6	Mechanical seal	Carbon/Ceramic
7	Support	HT200
8	Oil seal	
9	Bearing	
10	Rotor	
11	Stator	
12	Rear cover	ZL102
13	Fan	PP
14	Fan cover	PP
15	Terminal board	PC
16	Capacitor	
17	Terminal box	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
2ACm75	16.8	385	215	270	1190
2ACm110	21	430	235	275	833
2ACm150	27.5	445	255	300	636
2ACm150H	27.8	440	254	299	636
2AC220	27.5	445	255	300	629
2ACm300H	51.9	542	330	346	337
2AC300H	51.5	542	330	346	340
2AC400H	52.4	542	330	346	346





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.

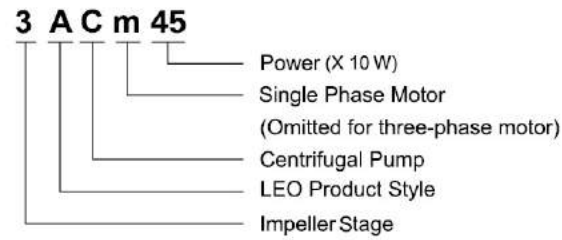
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +8 m
- Self-priming

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient Temperature: +40°C
- IE 2 motor for 4AC75

Identification Codes

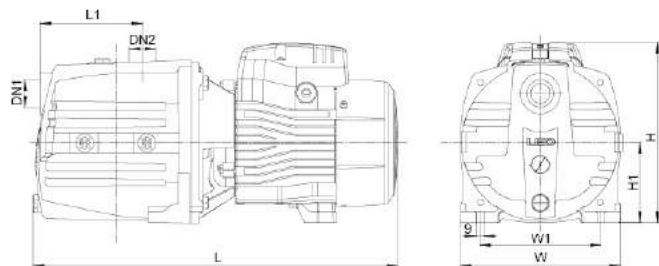


Technical Data

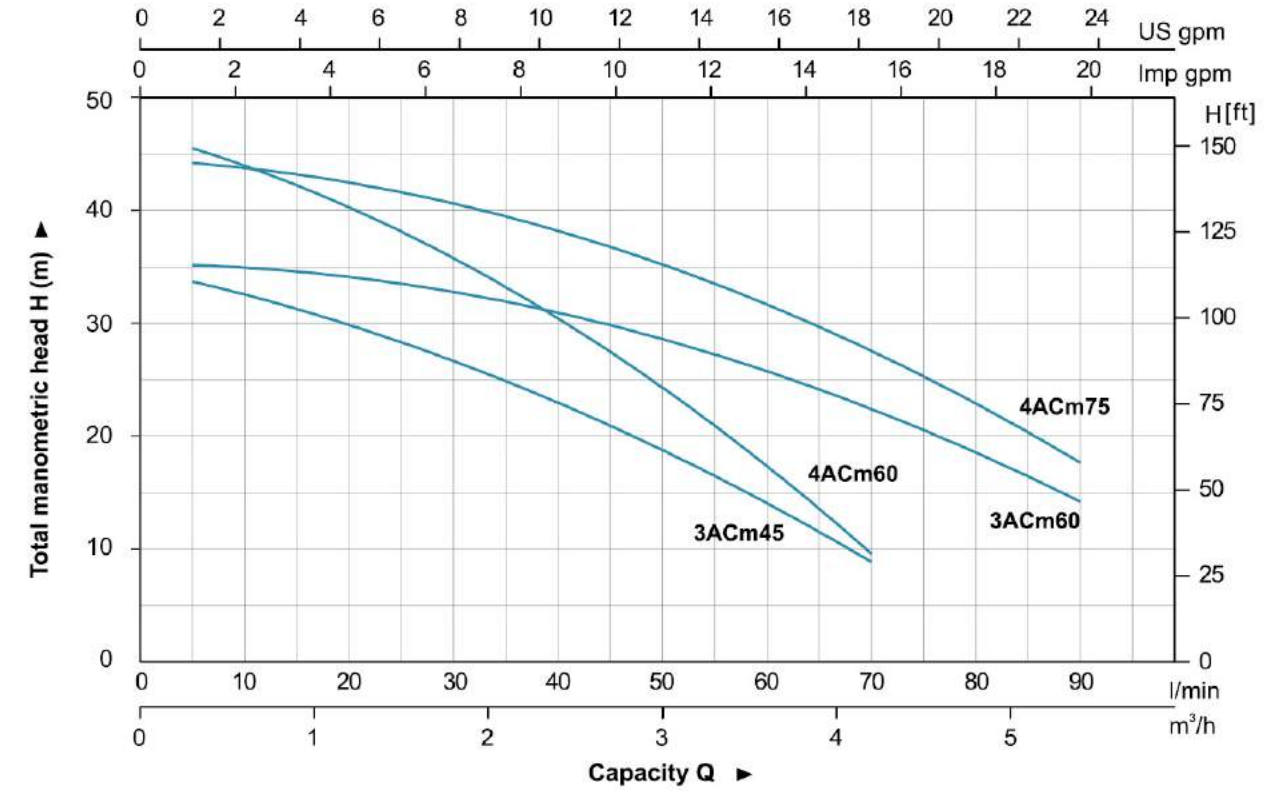
MODEL		POWER		Q (m³/h)		Q (l/min)																											
Single Phase	Three Phase	kW	HP	0	0.3	0.6	0.9	1.2	1.5	1.8	2.4	3.0	3.6	4.2	4.8	5.4																	
				H (m)		0	5	10	15	20	25	30	40	50	60	70	80	90															
3ACm45	—	0.45	0.6	35	33.5	32.5	31.5	30	28.5	26.5	23	18.5	14	9	-	-																	
4ACm60	—	0.6	0.85	46.5	45	44	42.5	40.5	38.5	36	30	24	17	10	-	-																	
3ACm60	—	0.6	0.85	36	35.5	35	34.5	34	33.5	32.5	30.5	28.5	26	23	19	13.5																	
4ACm75	4AC75	0.75	1	46.5	45	44	43	42	41	40	38	35.5	32.5	28	23	17																	

Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L ₁ (mm)	W ₁ (mm)	H ₁ (mm)
3ACm45	1"	1"	368	180	183	90	136	90
4ACm60			405	180	183	115	136	90
3ACm60			485	180	202	90	136	90
4ACm75			510	180	202	115	136	90

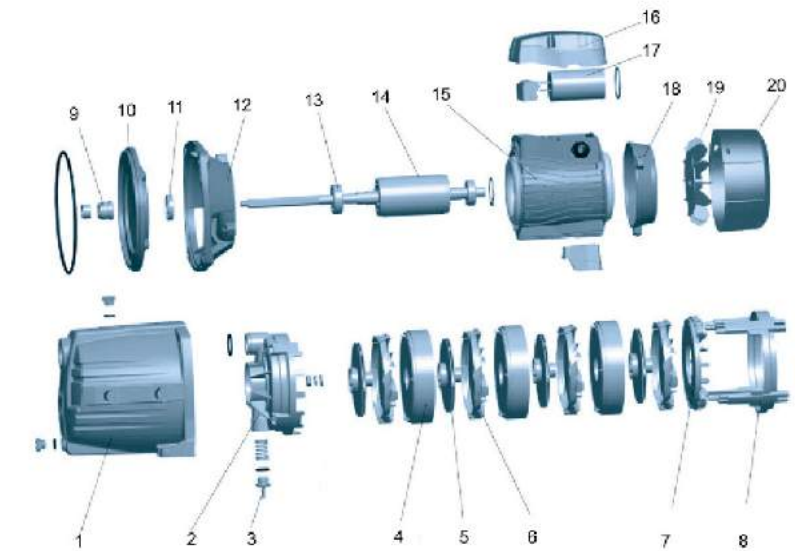


Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	HT200
2	Pump cover	PPO
3	Return valve	PPO
4	Diffuser 1	PPO
5	Impeller	PPO
6	Diffuser 2	PPO
7	Diffuser holder	PPO
8	Support frame	PPO
9	Mechanical seal	Carbon/Ceramic
10	Bracket cover	HT200
11	Oil seal	
12	Support	ZL102
13	Bearing	
14	Rotor	
15	Stator	
16	Terminal box	ABS
17	Capacitor	
18	Rear cover	ZL102
19	Fan	PP
20	Fan cover	PP



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20' TEU)
3ACm45	13.2	410	200	210	1515
4ACm60	16	460	200	230	1233
3ACm60	15.3	435	200	230	1305
4ACm75	17	460	200	230	1176





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for pumping water from lake, river and well
- Industrial use and agricultural irrigation

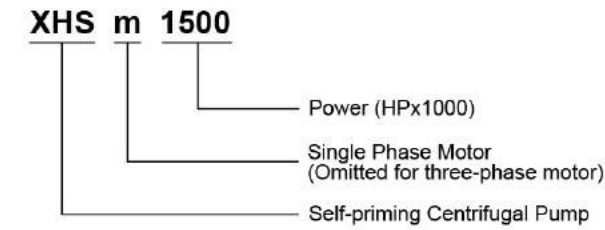
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: 8 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C
- IE 2 motor (Three phase, power ≥ 0.75 kW)

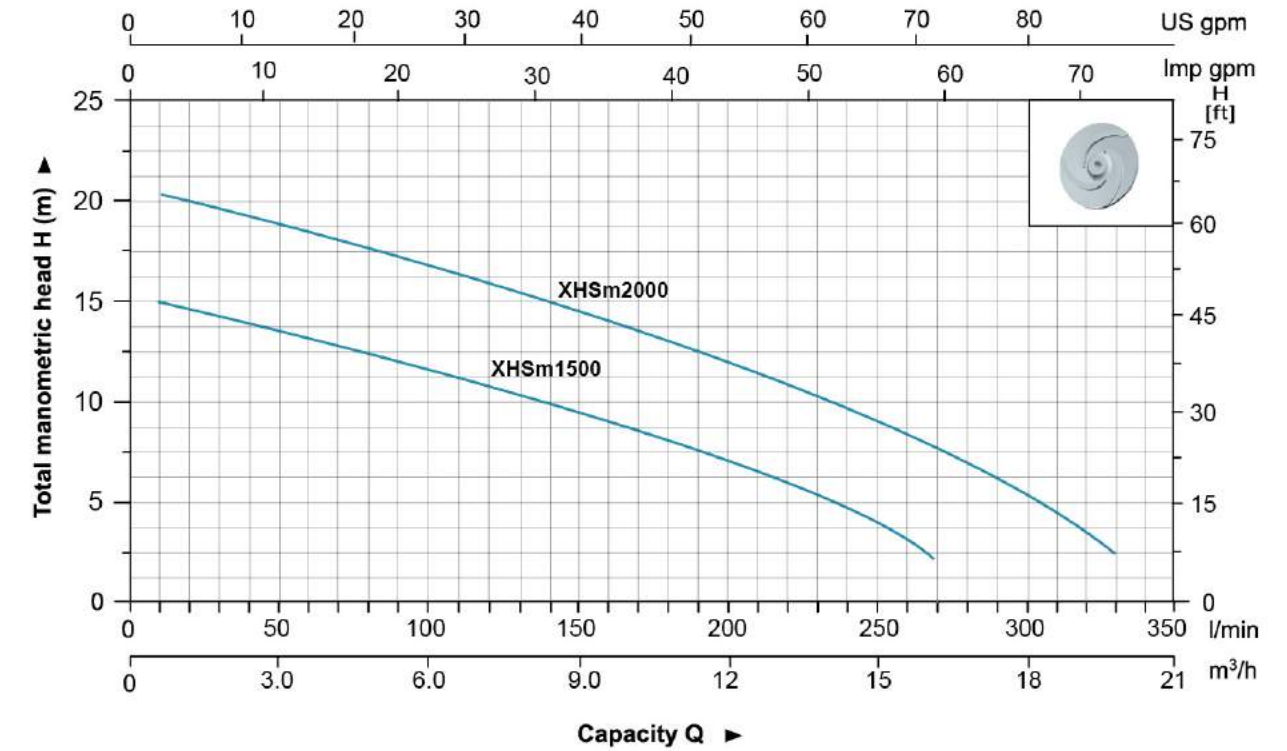
Identification Codes



Technical Data

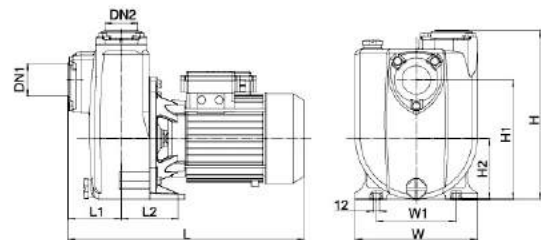
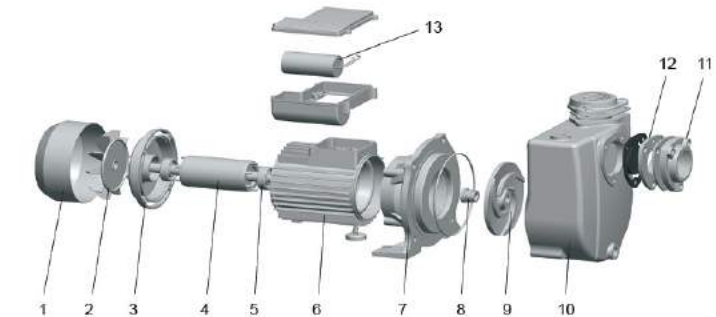
Model		POWER		Q (m ³ /h)																				
Single Phase	Three Phase	kW	HP	0	2.1	4.5	6.6	8.1	10.2	12	14.1	16.2	19.8											
				Q (l/min)	0	35	75	110	135	170	200	235	270	330										
XHSm1500	XHS1500	1.1	1.5	H (m)	15	14	12.5	11	10	8.5	7	5	2.5	-										
XHSm2000	XHS2000	1.5	2		20.5	19	17.5	16	15	13.5	12	10	7.5	2.5										

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Fan cover	08F
2	Fan	PP
3	Rear cover	ZL 102
4	Rotor	
5	Bearing	
6	Stator	
7	Support	HT200
8	Mechanical seal	Carbon/Ceramic
9	Impeller	HT200
10	Pump body	HT200
11	Inlet adaptor	HT200
12	Non-return valve	NBR
13	Capacitor	

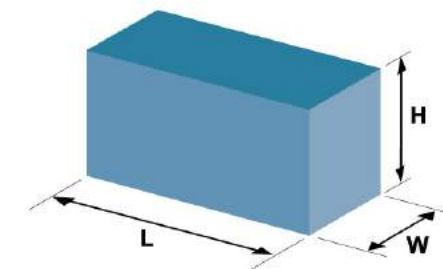


Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)	H2 (mm)
XHSm1500	2"	2"	430	222	308	96.5	104	145	218	111
XHSm2000										

Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20' TEU)
XHSm1500	34.5	475	280	380	580
XHSm2000	36.5	475	280	380	580





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.

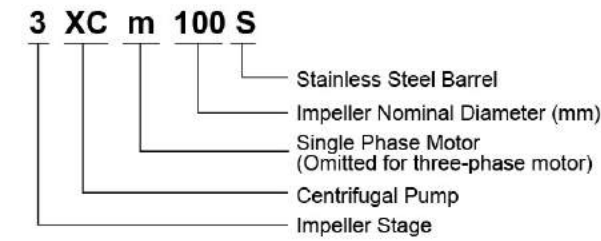
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +8 m

Motor

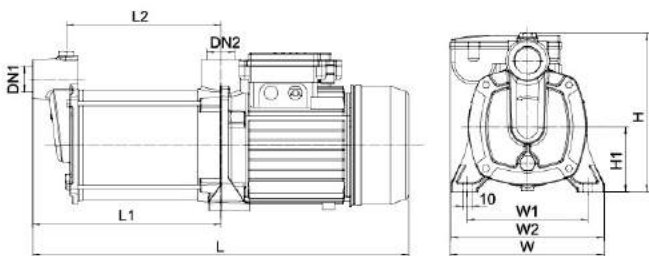
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient Temperature: +40°C
- IE 2 motor (Three phase, power ≥ 0.75kW)

Identification Codes



Technical Data

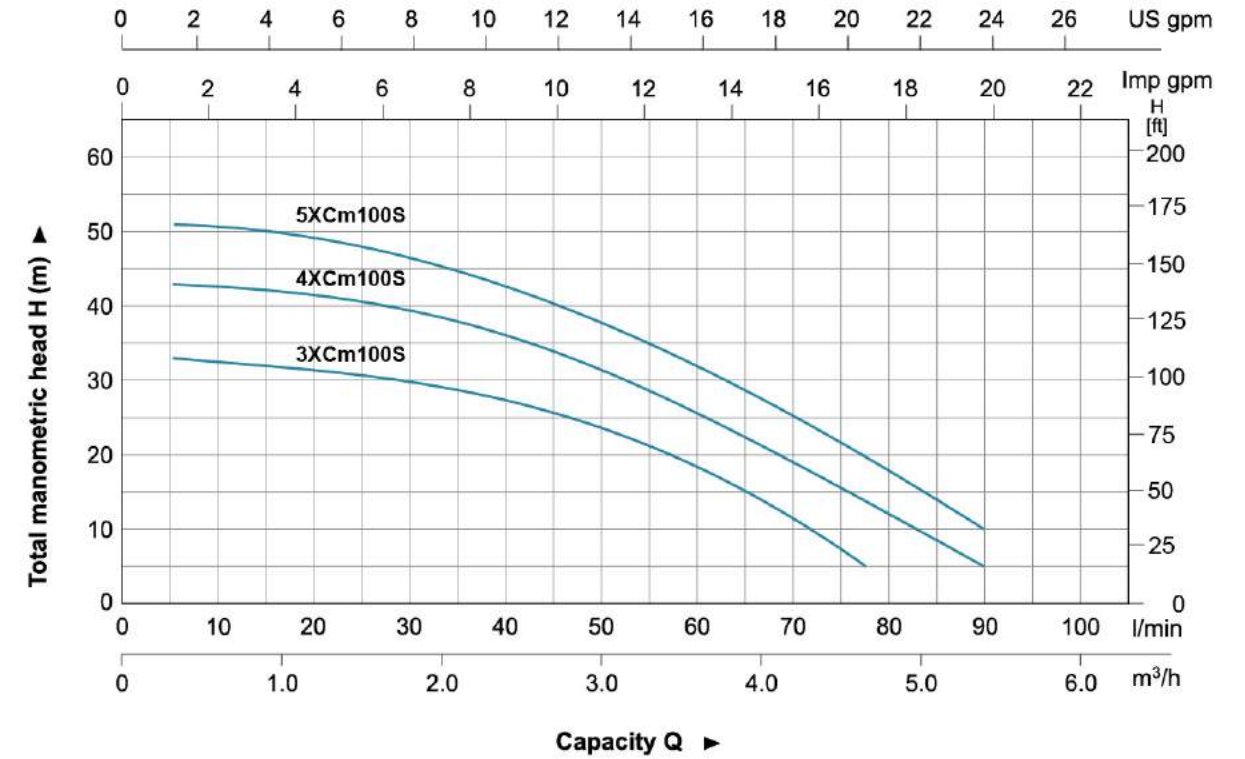
Model	POWER	Q (m³/h)	H (m)											
			0	0.6	1.2	2.1	2.4	3.0	3.6	4.2	4.8	5.4		
3XCm100S	0.6	0.8	35	33.5	31	28.5	25.5	21.5	18.5	11	5	-		
4XCm100S	0.75	1	45	43.5	41	38.5	35	30.5	25.5	19.5	12.5	5		
5XCm100S	0.9	1.2	55	52.5	49.5	46.5	42.5	38	32	25	18	10.5		



Dimension

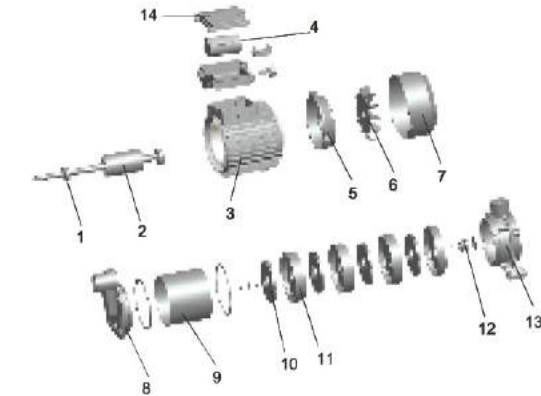
Model	DN1	DN2	L (mm)	L1 (mm)	L2 (mm)	H (mm)	H1 (mm)	W (mm)	W1 (mm)	W2 (mm)
3XCm100S	1"	1"	390	172	132	185	75	179	140	176
4XCm100S	1"	1"	414	196	156	185	75	179	140	176
5XCm100S	1"	1"	438	220	180	185	75	179	140	176

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Bearing	
2	Rotor	
3	Stator	
4	Capacitor	
5	Rear cover	ZL102
6	Fan	PA6
7	Fan cover	D8F
8	Pump body	HT200
9	Barrel	AISI 304
10	Impeller	PPO
11	Diffuser	PPO
12	Mechanical seal	Carbon/Ceramic
13	Support	HT200
14	Terminal box	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
3XCm100S	12.4	405	215	230	1314
4XCm100S	13.4	430	210	230	1170
5XCm100S	14.7	455	210	230	1170





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.

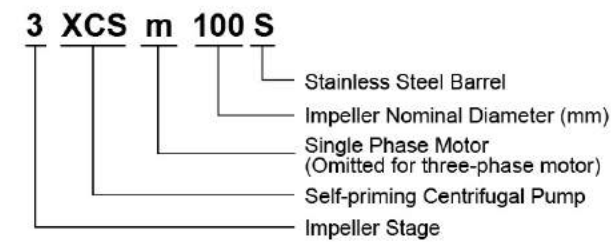
Pump

- Pump with self-priming design
- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +8 m

Motor

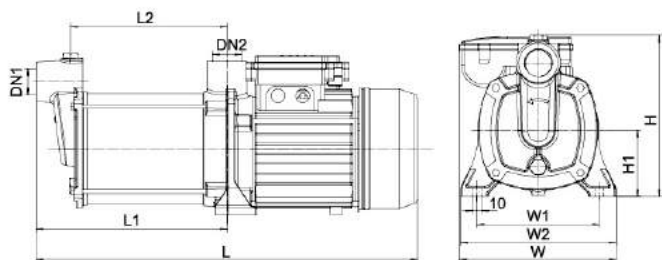
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient Temperature: +40°C
- IE 2 motor (Three phase, power ≥ 0.75kW)

Identification Codes



Technical Data

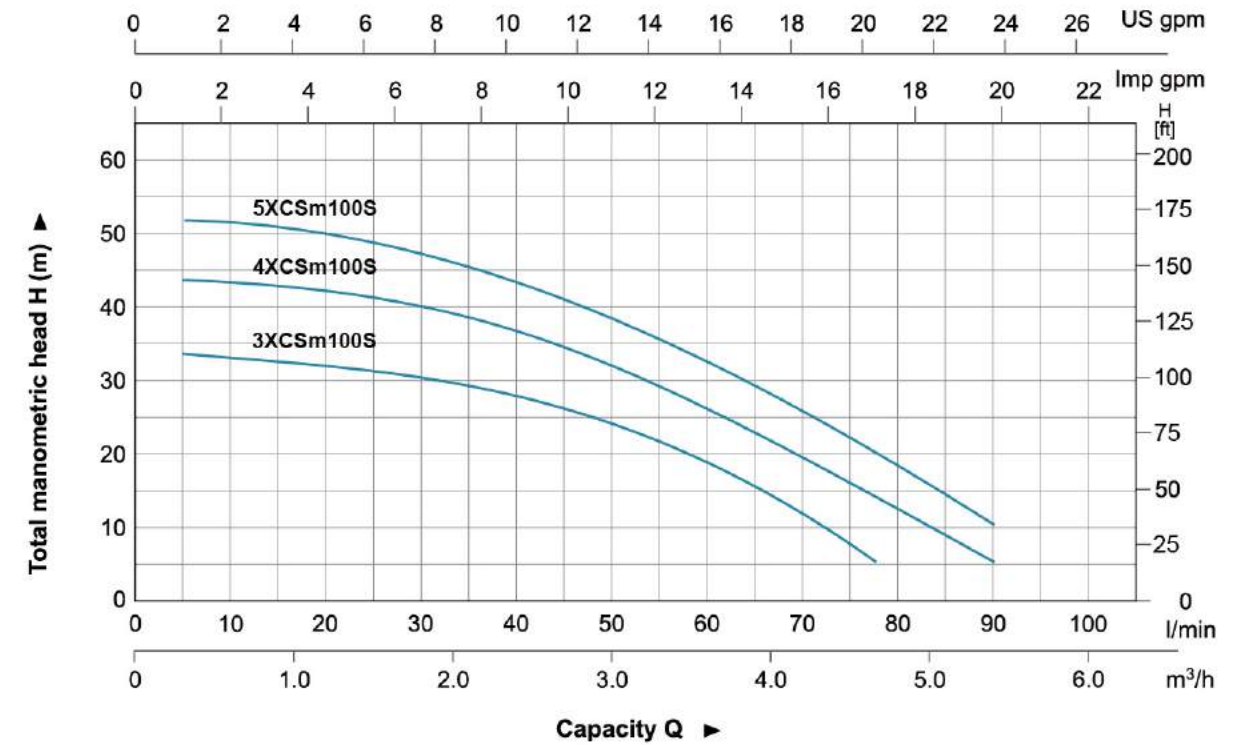
Model		POWER		Q (m ³ /h)																			
Single Phase	Three Phase	kW	HP	0	0.6	1.2	2.1	2.4	3.0	3.6	4.2	4.8	5.4	Q (l/min)									
				H (m)																			
3XCSm100S	3XCS100S	0.6	0.8	35	33.5	31	28.5	25.5	21.5	16.5	11	5	-	0	10	20	35	40	50	60	70	80	90
4XCSm100S	4XCS100S	0.75	1	45	43.5	41	38.5	35	30.5	25.5	19.5	12.5	5										
5XCSm100S	5XCS100S	0.9	1.2	55	52.5	49.5	46.5	42.5	38	32	25	18	10.5										



Dimension

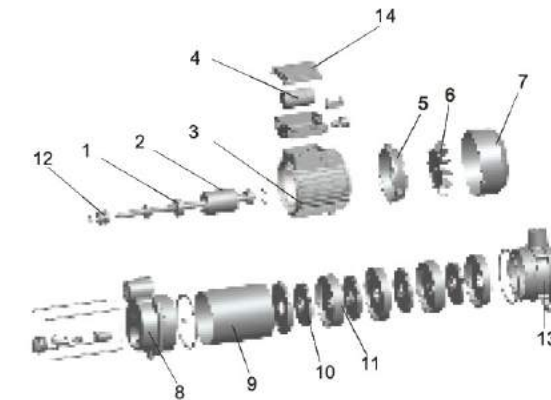
Model	DN1	DN2	L (mm)	L1 (mm)	L2 (mm)	H (mm)	H1 (mm)	W (mm)	W1 (mm)	W2 (mm)
3XCSm100S	1"	1"	435	217	177	185	75	187	140	176
4XCSm100S	1"	1"	458	240	200	185	75	187	140	176
5XCSm100S	1"	1"	483	265	225	185	75	187	140	176

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Bearing	
2	Rotor	
3	Stator	
4	Capacitor	
5	Rear cover	ZL102
6	Fan	PA6
7	Fan cover	09F
8	Pump body	HT200
9	Barrel	AISI 304
10	Impeller	PPO
11	Diffuser	PPO
12	Mechanical seal	Carbon/Ceramic
13	Support	HT200
14	Terminal box	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20"TEU)
3XCSm100S	13.3	455	215	230	1170
4XCSm100S	14.5	480	215	230	1098
5XCSm100S	15.4	505	215	230	1044





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.

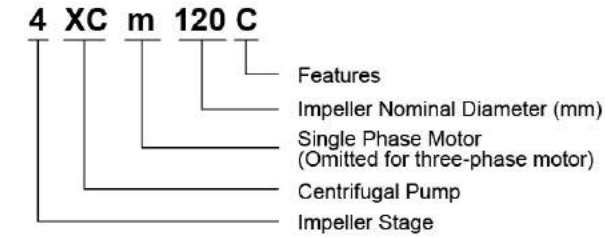
Pump

- Stainless steel pump body
- AISI 304 shaft
- Max. liquid temperature: +40°C
- Max. suction: +8 m

Motor

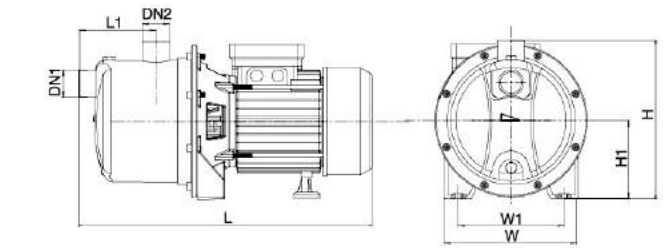
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient Temperature: +40°C

Identification Codes



Technical Data

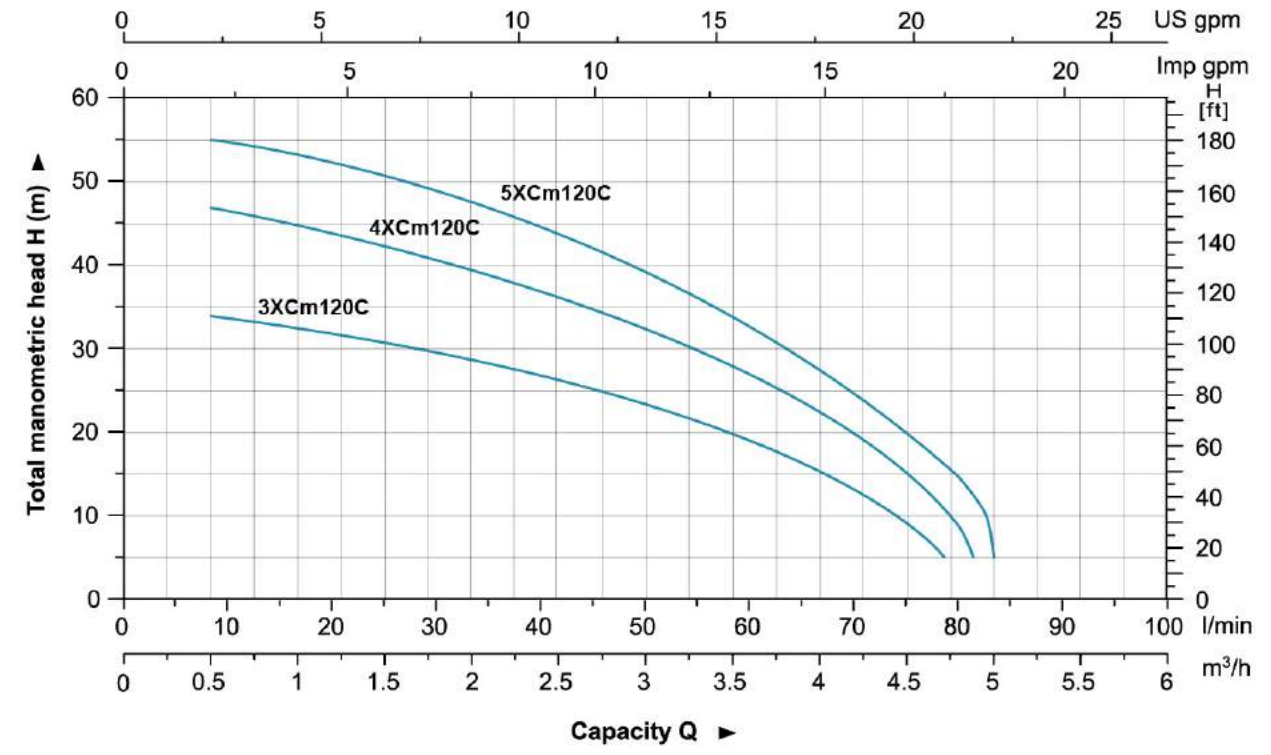
Model		POWER		Q (m³/h)																					
Single Phase	Three Phase	kW	HP	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	4.9	5											
				Q (l/min)	0	10	20	30	40	50	60	70	80	82	84										
3XCm120C	—	0.6	0.8	H (m)	34	33	31.5	29	26	22	17.5	11.5	3.5	-	-										
4XCm120C	4XC120C	0.75	1		48	45.5	42.5	39.5	36	31.5	26	18.8	9	3	-										
5XCm120C	5XC120C	0.9	1.2		56.5	54.5	52	48.2	44	38.5	32	24	15	12.5	3										



Dimension

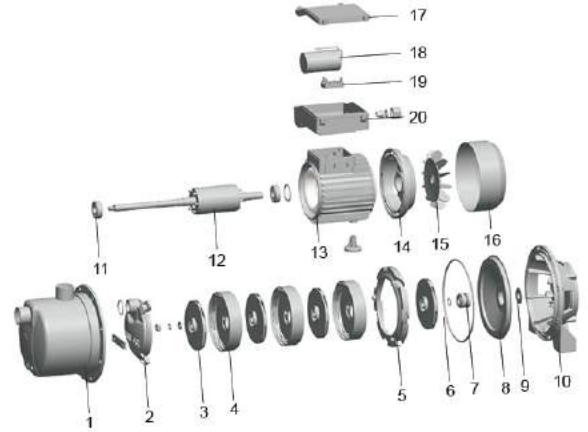
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
3XCm120C	1"	1"	362	174	208	77	140	103
4XCm120C	1"	1"	386	174	208	104	140	103
5XCm120C	1"	1"	410	174	208	125	140	103

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	AISI 304
2	Pump cover	PPO
3	Impeller	PPO
4	Diffuser	PPO
5	Water guiding board	PPO
6	O-ring	NBR
7	Mechanical seal	Carbon/Ceramic
8	Bracket cover	AISI 304
9	Rubber washer	
10	Support	ZL102
11	Ball bearing	
12	Rotor	
13	Stator	
14	Rear cover	ZL102
15	Fan	PP
16	Fan cover	08F
17	Terminal cover	ABS
18	Capacitor	
19	Terminal	
20	Terminal box	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20' TEU)
3XCm120C	9.5	405	235	265	1072
4XCm120C	10.5	430	235	265	1008
5XCm120C	11.5	455	235	265	960





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.

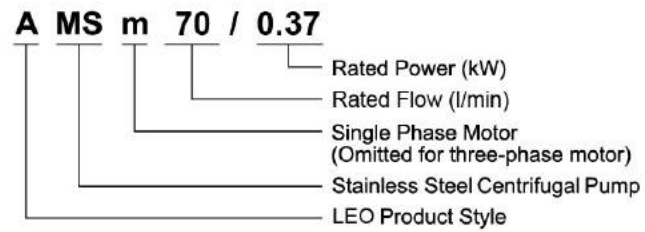
Pump

- AISI 304 pump body
- AISI 304 shaft
- Max. liquid temperature: +85°C
- Altitude: up to 1000 m

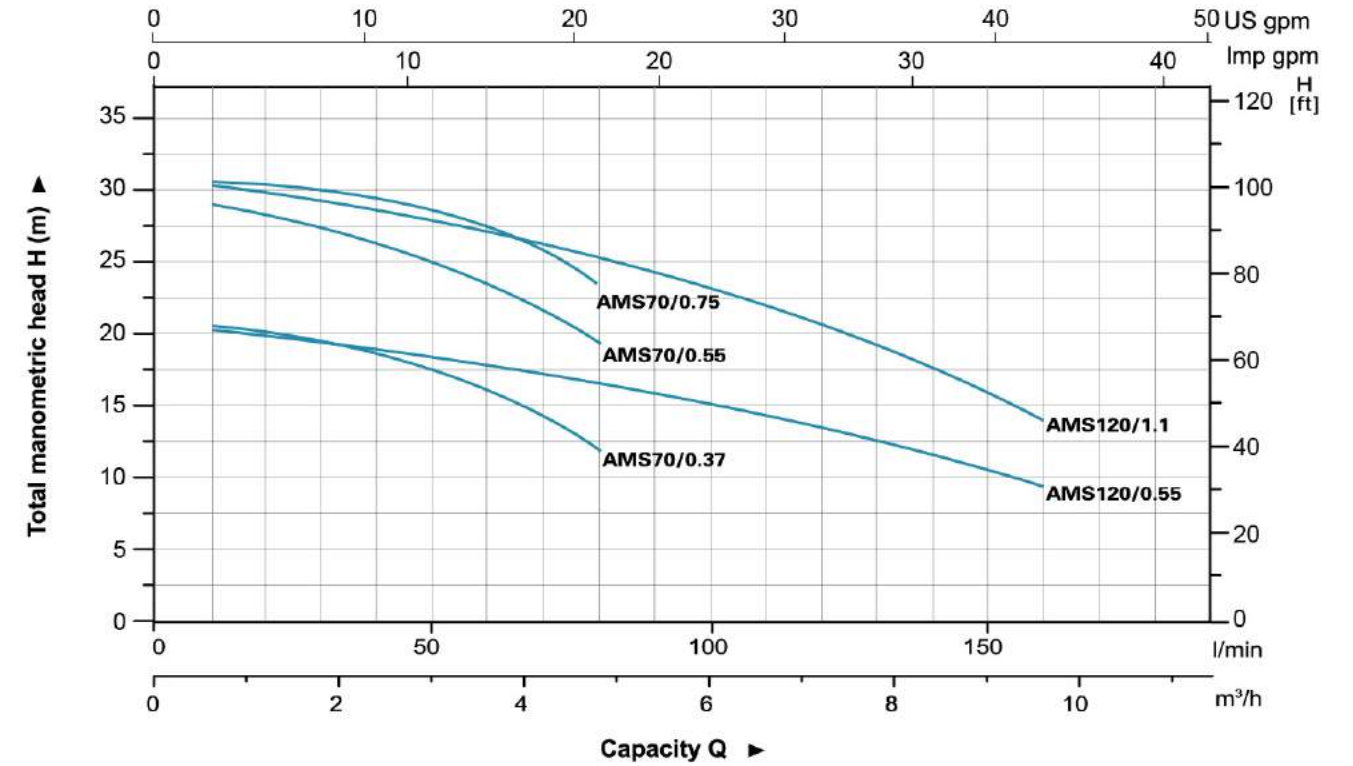
Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. temperature: +40°C

Identification Codes



Hydraulic Performance Curves

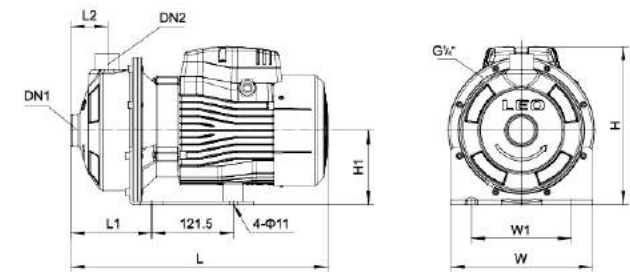
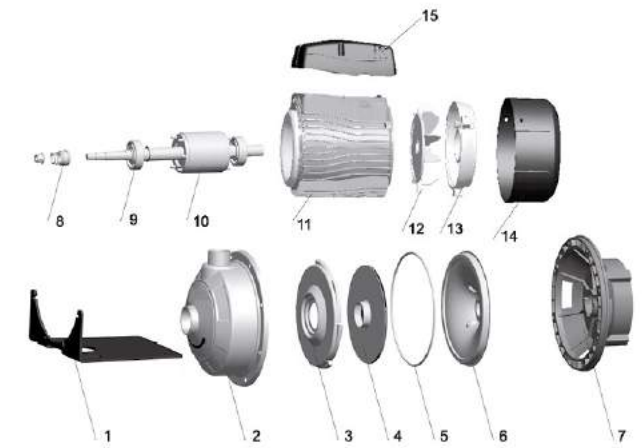


Technical Data

MODEL		POWER		Q (m³/h)		0	1.8	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
Single Phase	Three Phase	kW	HP	Q (l/min)	H (m)	0	30	40	60	80	100	120	140	160	180
AMSm70/0.37	AMS70/0.37	0.37	0.5			20.9	19.0	18.1	15.7	12.1	-	-	-	-	-
AMSm70/0.55	AMS70/0.55	0.55	0.75			29.5	27.3	26.3	23.4	19.1	-	-	-	-	-
AMSm70/0.75	AMS70/0.75	0.75	1.0			30.4	28.5	27.8	26.0	23.0	-	-	-	-	-
AMSm120/0.55	AMS120/0.55	0.55	0.75			20.2	-	-	17.9	16.6	15.1	13.3	11.2	8.7	-
AMSm120/1.1	AMS120/1.1	1.1	1.5			30.2	-	-	26.7	25.1	23.3	21.2	19.0	16.4	-

Materials Table

No.	Part	Material
1	Bottom support	Steel
2	Pump body	AISI 304
3	Diffuser	AISI 304
4	Impeller	AISI 304
5	O-ring	NBR
6	Airproof plate	AISI 304
7	Support	ZL102
8	Mechanical seal	Silicon/Carbon
9	Ball bearing	
10	Rotor	
11	Stator	
12	Fan	PP
13	Rear housing	ZL102
14	Fan cover	PP
15	Terminal box	ABS



Dimension

Model	Ports		L (mm)	W (mm)	H (mm)	L ₁ (mm)	L ₂ (mm)	W ₁ (mm)	H ₁ (mm)
	DN1	DN2							
AMS70/0.37	1 1/4"	1"	332	210	224	119	55	149	110
AMS70/0.55	1 1/4"	1"	332	210	224	119	55	149	110
AMS70/0.75	1 1/4"	1"	381	210	234	119	55	149	110
AMS120/0.55	1 1/4"	1"	332	210	224	119	55	149	110
AMS120/1.1	1 1/4"	1"	381	210	234	119	55	149	110

Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
AMS70/0.37	10	380	240	270	1200
AMS70/0.55	11	380	240	270	1200
AMS70/0.75	14	410	240	270	1104
AMS120/0.55	11	380	240	270	1200
AMS120/1.1	15	410	240	270	1104





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.

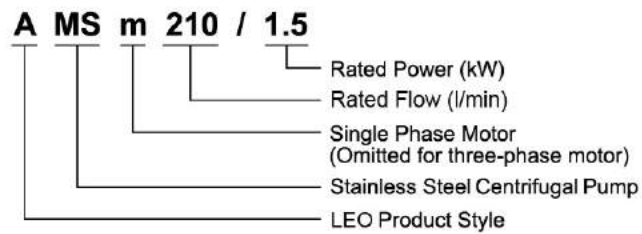
Pump

- AISI 304 pump body
- AISI 304 shaft
- Max. liquid temperature: +85°C
- Altitude: up to 1000 m

Motor

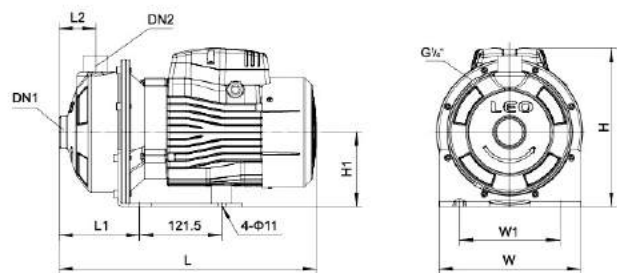
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. temperature: +40°C

Identification Codes



Technical Data

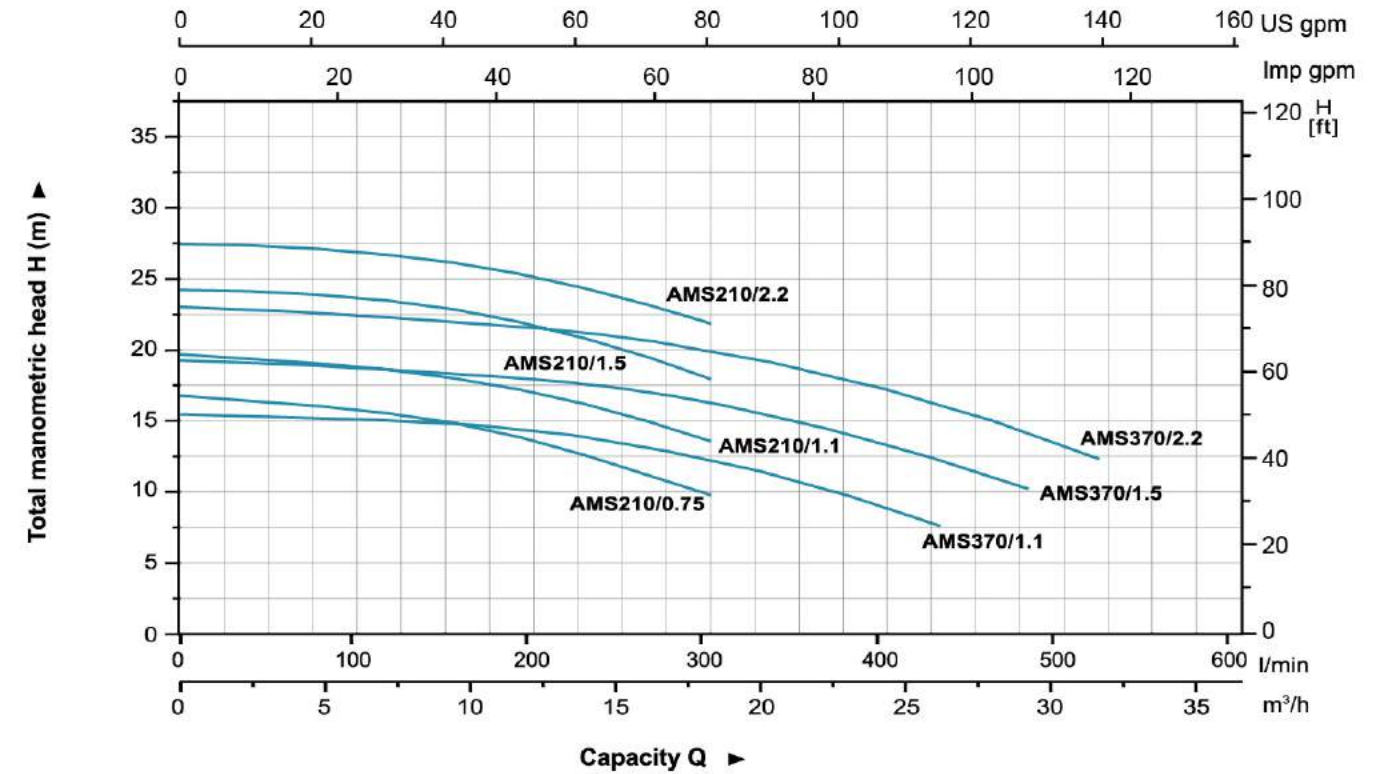
MODEL		POWER		Q (m³/h)																
Single Phase	Three Phase	kW	HP	0	1.8	3.6	6	7.2	8.4	9.6	10.8	12	15	18	21	24	26	29	31	
				Q (l/min)																
				0	30	60	100	120	140	160	180	200	250	300	350	400	430	480	520	
AMS210/0.75	AMS210/0.75	0.75	1.0	H (m)	16.8	-	-	-	15.6	15.2	14.8	14.2	13.6	11.9	9.8	-	-	-	-	
AMS210/1.1	AMS210/1.1	1.1	1.5		19.7	-	-	-	18.7	18.3	18.0	17.5	17.1	15.6	13.6	-	-	-	-	
AMS210/1.5	AMS210/1.5	1.5	2.0		24.2	-	-	-	23.5	23.2	22.8	22.4	21.8	20.2	18.0	-	-	-	-	
AMS210/2.2	AMS210/2.2	2.2	3.0		27.5	-	-	-	26.7	26.5	26.1	25.7	25.2	23.8	21.9	-	-	-	-	
AMS370/1.1	AMS370/1.1	1.1	1.5		15.4	-	-	-	-	-	-	14.7	14.4	13.5	12.3	10.8	8.9	7.6	-	
AMS370/1.5	AMS370/1.5	1.5	2.0		19.3	-	-	-	-	-	-	18.1	17.3	16.3	15.0	13.3	12.3	10.2	-	
AMS370/2.2	AMS370/2.2	2.2	3.0	23.1	-	-	-	-	-	-	21.7	20.9	20.0	18.8	17.2	16.2	14.2	12.3		



Dimension

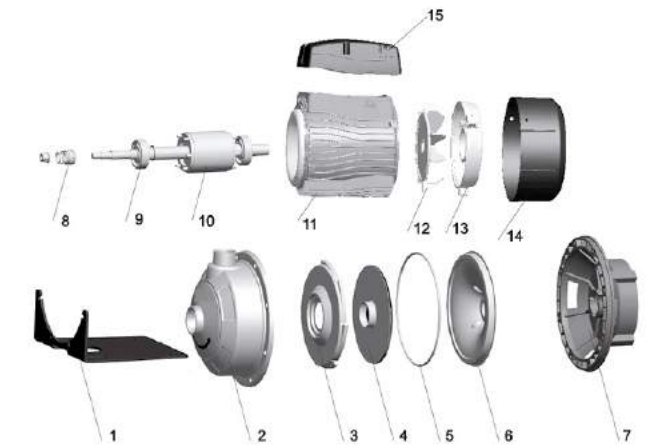
Model	Ports		L (mm)	W (mm)	H (mm)	L ₁ (mm)	L ₂ (mm)	W ₁ (mm)	H ₁ (mm)
	DN1	DN2							
AMS210/0.75	1 1/2"	1 1/4"	392	210	234	129	55	149	110
AMS210/1.1	1 1/2"	1 1/4"	392	210	234	129	55	149	110
AMS210/1.5	1 1/2"	1 1/4"	440	210	250	129	55	149	110
AMS210/2.2	1 1/2"	1 1/4"	440	210	250	129	55	149	110
AMS370/1.1	2"	1 1/4"	392	210	234	129	55	149	110
AMS370/1.5	2"	1 1/4"	440	210	250	129	55	149	110
AMS370/2.2	2"	1 1/4"	440	210	250	129	55	149	110

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Bottom support	Steel
2	Pump body	AISI 304
3	Diffuser	AISI 304
4	Impeller	AISI 304
5	O-ring	NBR
6	Airproof plate	AISI 304
7	Support	ZL102
8	Mechanical seal	Silicon/Carbon
9	Ball bearing	
10	Rotor	
11	Stator	
12	Fan	PP
13	Rear housing	ZL102
14	Fan cover	PP
15	Terminal box	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
AMS210/0.75	14	410	240	270	1104
AMS210/1.1	15	410	240	270	1104
AMS210/1.5	18	465	240	270	968
AMS210/2.2	20	465	240	270	968
AMS370/1.1	15	410	240	270	1104
AMS370/1.5	18	465	240	270	968
AMS370/2.2	20	465	240	270	968





Application

- Small electrical irrigation and drainage equipments
- Particularly applied in urban well water pumping, field irrigation and drainage, garden irrigation and household water supply, as well as drainage of industrial accumulated water, water supply and drainage for construction, livestock breeding, etc.

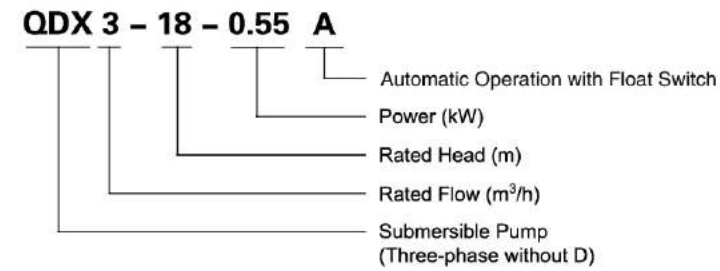
Pump

- Cast iron pump body under special anti-rust treatment
- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 6.5 – 8

Motor

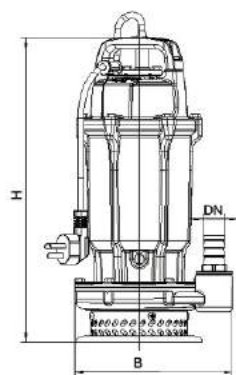
- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identification Codes



Technical Data

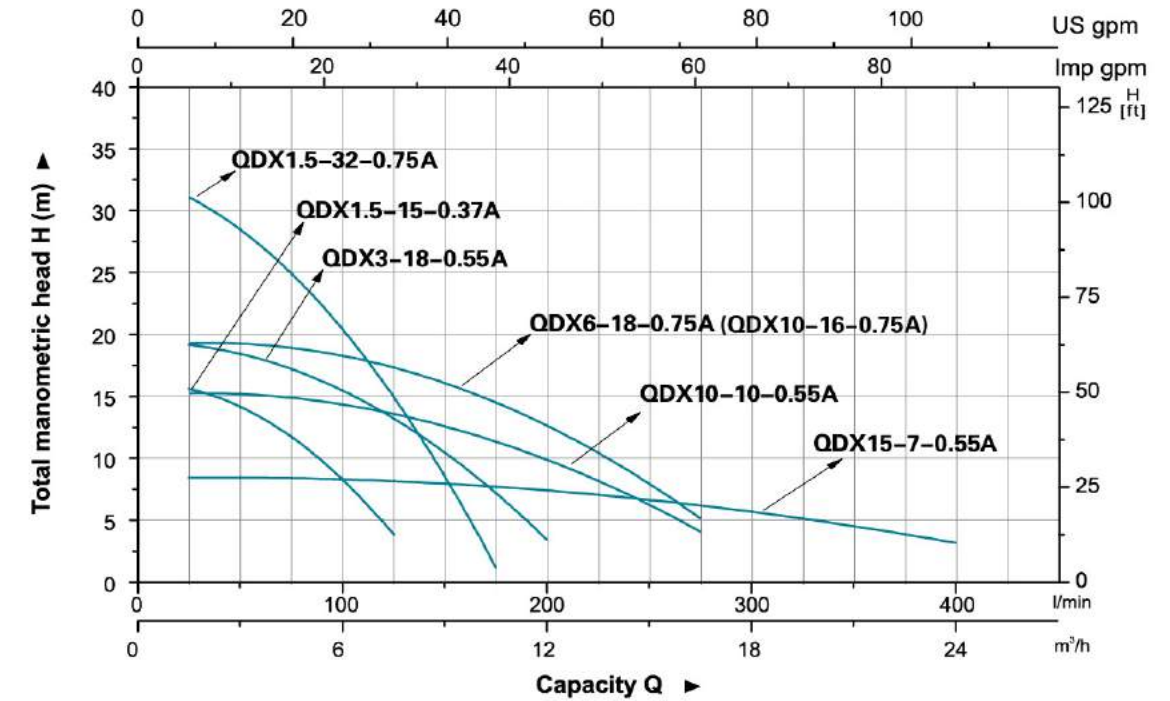
Model	Q (m ³ /h)																
	0	1.5	3	4.5	6	7.5	9	10.5	12	13.5	15	16.5	18	19.5	21	22.5	24
QDX1.5-15-0.37A	16	15.6	14.2	11.8	8	3.9	-	-	-	-	-	-	-	-	-	-	-
QDX3-18-0.55A	19.2	19.2	18.5	17.5	15.5	13.2	10	7	3.7	-	-	-	-	-	-	-	-
QDX10-10-0.55A	15.3	15.2	15	14.8	14.4	13.5	12.5	11.3	10	8.5	6.3	3.8	-	-	-	-	-
QDX15-7-0.55A	8.6	8.5	8.4	8.3	8.2	8	7.8	7.6	7.4	7.2	6.8	6.3	5.8	5.2	4.5	3.8	3
QDX1.5-32-0.75A	32.5	31.5	28.5	24.5	20	15.5	8.5	1	-	-	-	-	-	-	-	-	-
QDX6-18-0.75A	19.5	19.2	19	18.6	18	17	16.2	14.7	12.8	11	8.6	4.2	-	-	-	-	-
QDX10-16-0.75A	19.5	19.2	19	18.6	18	17	16.2	14.7	12.8	11	8.6	4.2	-	-	-	-	-



Dimension

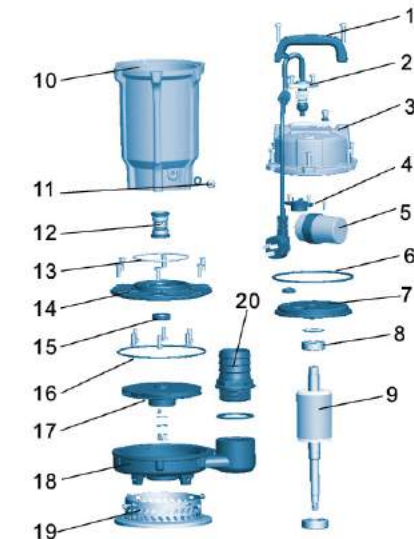
Model	DN	H (mm)	B (mm)
QDX1.5-15-0.37A	25	195	145
QDX3-18-0.55A	25	205	160
QDX10-10-0.55A	50	215	150
QDX15-7-0.55A	50	240	170
QDX1.5-32-0.75A	25	245	195
QDX6-18-0.75A	40	220	160
QDX10-16-0.75A	40	220	160

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Handle	PP
2	Cable	
3	Top cover	HT200
4	Protector	
5	Capacitor	
6	O-ring	NBR
7	Upper cover	HT200
8	Bearing	
9	Rotor	
10	Stator	
11	Oil injection screw	
12	Mechanical seal	Carbon/Ceramic
13	O-ring	NBR
14	Cover of oil cylinder	HT200
15	Oil seal	
16	O-ring	NBR
17	Impeller	PPD ZI 102
18	Pump body	HT200
19	Filter screen	Stainless steel
20	Outlet connector	PP



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
QDX1.5-15-0.37A	11.5	392	224	180	1786
QDX3-18-0.55A	14.5	415	230	205	1388
QDX10-10-0.55A	14.5	415	230	205	1388
QDX15-7-0.55A	15.5	420	280	215	1132
QDX1.5-32-0.75A	16.5	435	250	235	1062
QDX6-18-0.75A	15.5	415	230	205	1388
QDX10-16-0.75A	15.5	415	230	205	1388





Application

- Small electrical irrigation and drainage equipments
- Particularly applied in urban well water pumping, field irrigation and drainage, garden irrigation and household water supply, as well as drainage of industrial accumulated water, water supply and drainage for construction, livestock breeding, etc.

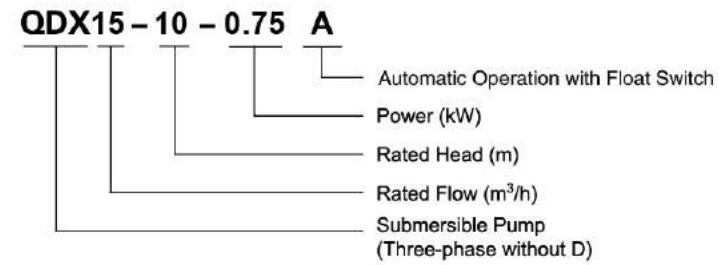
Pump

- Cast iron pump body under special anti-rust treatment
- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 6.5 – 8

Motor

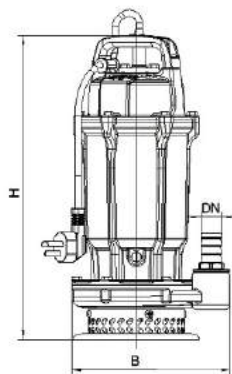
- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identification Codes



Technical Data

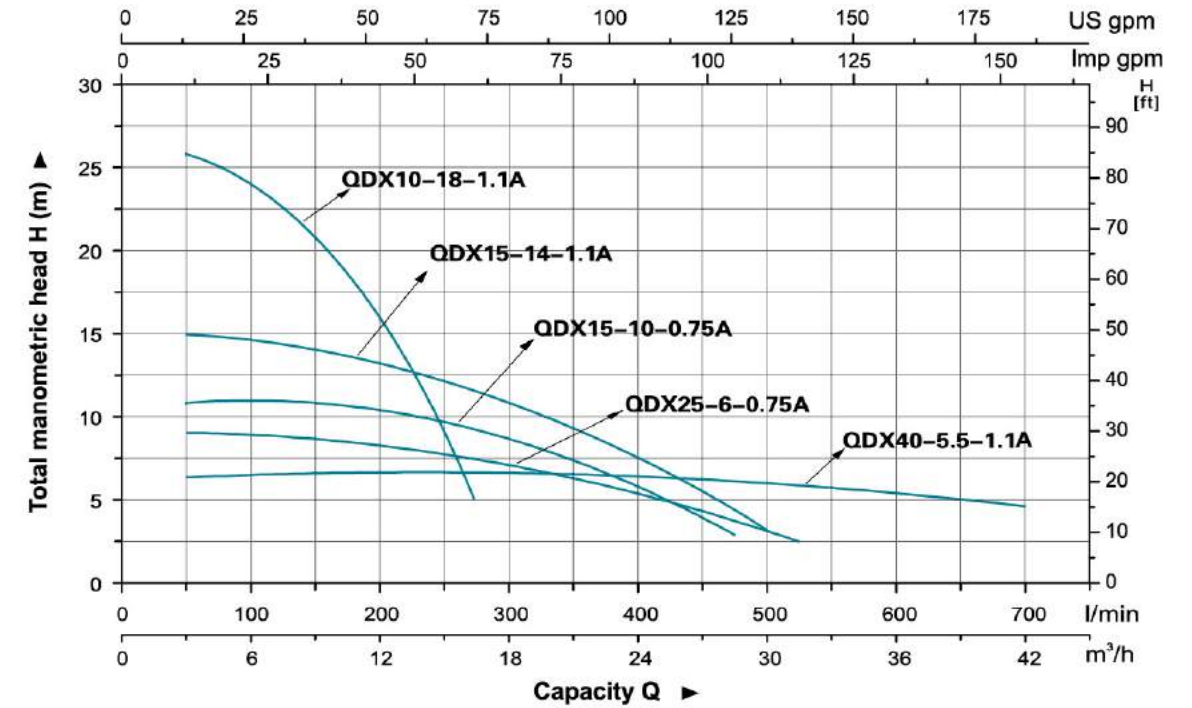
Model	Q (m ³ /h)											Q (l/min)																	
	0	1.5	3	4.5	6	7.5	9	10.5	12	13.5	15	16.5	18	19.5	21	22.5	24	25.5	27	28.5	30	31.5	33	34.5	36	37.5	39	40.5	
QDX15-10-0.75A	11	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10	9.6	9.2	8.5	7.6	6.5	5.6	4.7	3.8	2.7	-	-	-	-	-	-	-	-	-
QDX25-6-0.75A	9.3	9.2	9.1	9	8.9	8.7	8.5	8.3	8	7.7	7.5	7.2	6.8	6.6	6.4	6.2	6	5.8	4.8	4	2.6	1.5	-	-	-	-	-	-	-
QDX10-18-1.1A	25.8	25.5	25	24.6	24	22.8	21.2	18.5	16	13.2	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QDX15-14-1.1A	15	14.9	14.8	14.7	14.6	14.5	14.3	14.2	14	13.9	13.8	13.2	12.5	11.5	10.6	9.5	8	6.7	5.5	4.4	3.1	-	-	-	-	-	-	-	-
QDX40-5.5-1.1A	6.1	6.2	6.3	6.4	6.5	6.5	6.7	6.8	6.7	6.7	6.65	6.6	6.6	6.6	6.5	6.5	6.4	6.2	6.1	6	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	-



Dimension

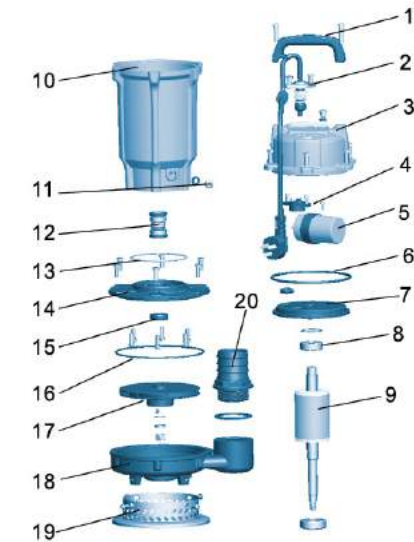
Model	DN	H (mm)	B (mm)
QDX15-10-0.75A	50	240	170
QDX25-6-0.75A	65	250	160
QDX10-18-1.1A	50	270	190
QDX15-14-1.1A	65	270	180
QDX40-5.5-1.1A	80	270	195

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Handle	PP
2	Cable	
3	Top cover	HT200
4	Protector	
5	Capacitor	
6	O-ring	NBR
7	Upper cover	HT200
8	Bearing	
9	Rotor	
10	Stator	
11	Oil injection screw	
12	Mechanical seal	Carbon/Ceramic
13	O-ring	NBR
14	Cover of oil cylinder	HT200
15	Oil seal	
16	O-ring	NBR
17	Impeller	PPG ZL102
18	Pump body	HT200
19	Filter screen	Stainless steel
20	Outlet connector	PP



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
QDX15-10-0.75A	16.5	420	280	215	1132
QDX25-6-0.75A	17.5	420	280	215	1132
QDX10-18-1.1A	22	452	300	240	855
QDX15-14-1.1A	22	452	300	240	855
QDX40-5.5-1.1A	22.5	490	295	235	792





Application

- Small electrical irrigation and drainage equipments
- Particularly applied in urban well water pumping, field irrigation and drainage, garden irrigation and household water supply, as well as drainage of industrial accumulated water, water supply and drainage for construction, livestock breeding, etc.

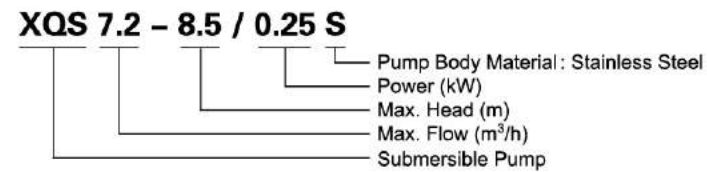
Pump

- Stainless steel pump body
- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 4 – 10
- Max. liquid density: 1.03x10³kg/m³

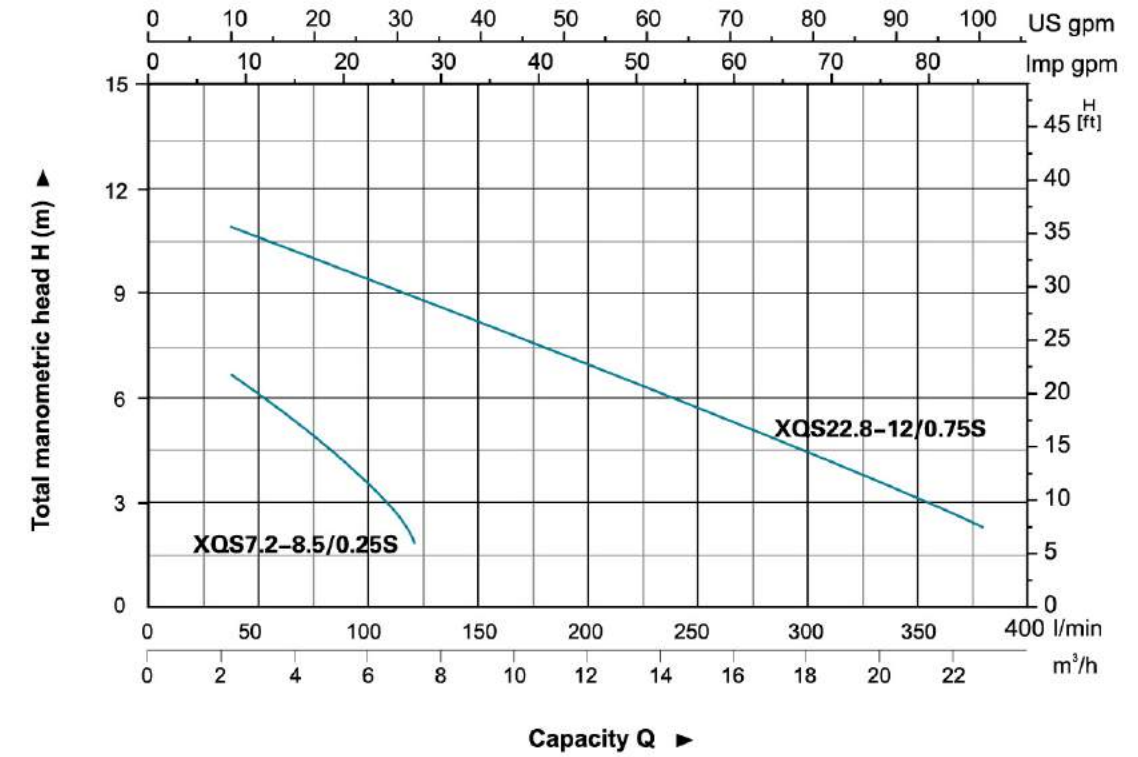
Motor

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identification Codes

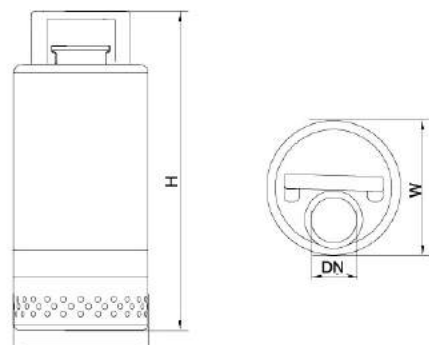


Hydraulic Performance Curves



Technical Data

Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (l/min)	Max. head (m)	GW (kgs)	Packing size (mm)	Quantity (PCS/20 TEU)
	(kW)	HP							
XQS7.2-8.5/0.25S	0.25	0.33	40,32,25	220/50	120	8.5	10.2	175x175x360	2131
XQS22.8-12/0.75S	0.75	1.0	50	220/50	380	12	19.2	220x220x440	1132

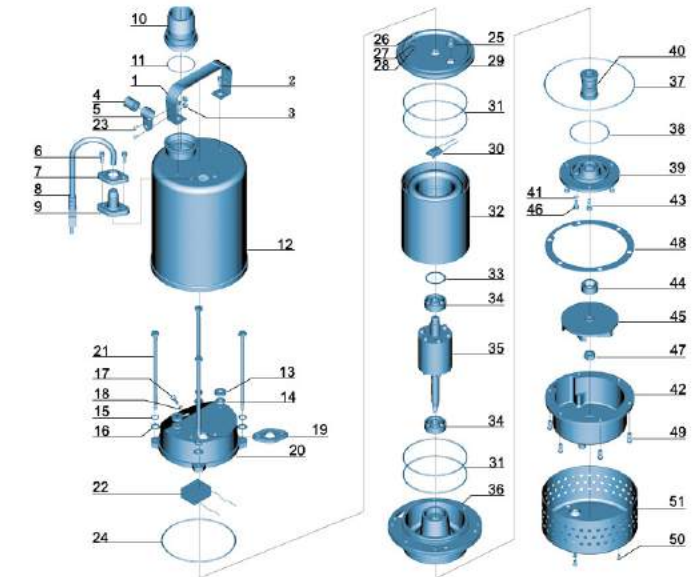


Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XQS7.2-8.5/0.25S	1 1/4"	142	142	300
XQS22.8-12/0.75S	2"	170	170	380

Materials Table

No.	Part	Material	No.	Part	Material
1	Handle	Stainless steel	27	Stretching washer	65Mn
2	Screw	Stainless steel	28	Washer	CuZn40
3	Nut	Stainless steel	29	Motor cover	Stainless steel
4	Protector	FKM	30	Thermal protector	
5	Cable presser	Stainless steel	31	O-ring	FKM
6	Screw	Stainless steel	32	Stator	
7	Flange	Stainless steel	33	Wave washer	65Mn
8	Cable		34	Ball bearing	
9	Cable protector	CR	35	Rotor	
10	Connector	ABS	36	Connection part	Stainless steel
11	O-ring	FKM	37	O-ring	FKM
12	Motor shell	Stainless steel	38	O-ring	FKM
13	Rubber washer	FKM	39	Oil chamber cover	Stainless steel
14	Washer	Steel	40	Mechanical seal	SiC/SiC
15	Stretching washer	Stainless steel	41	O-ring	FKM
16	Washer	Stainless steel	42	Pump body	Stainless steel
17	Screw	Stainless steel	43	Screw	Stainless steel
18	O-ring	FKM	44	Oil seal	
19	Rubber washer	FKM	45	Impeller	Stainless steel
20	Capacitor cover	Stainless steel	46	Screw	Stainless steel
21	Bolt	Stainless steel	47	Nut	Stainless steel
22	Capacitor		48	Rubber washer	FKM
23	Screw	Stainless steel	49	Screw	Stainless steel
24	O-ring	FKM	50	Screw	Stainless steel
25	Cable holder	NBR	51	Filter mesh	Stainless steel
26	Screw	CuZn40			





Application

- Small electrical irrigation and drainage equipments
- Particularly applied in urban well water pumping, field irrigation and drainage, garden irrigation and household water supply, as well as drainage of industrial accumulated water, water supply and drainage for construction, livestock breeding, etc.

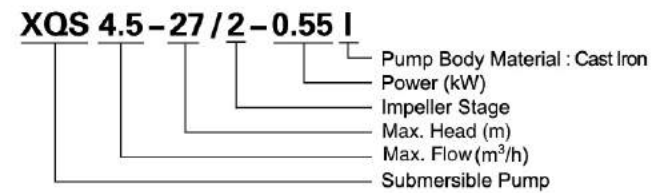
Pump

- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 6.5 – 8

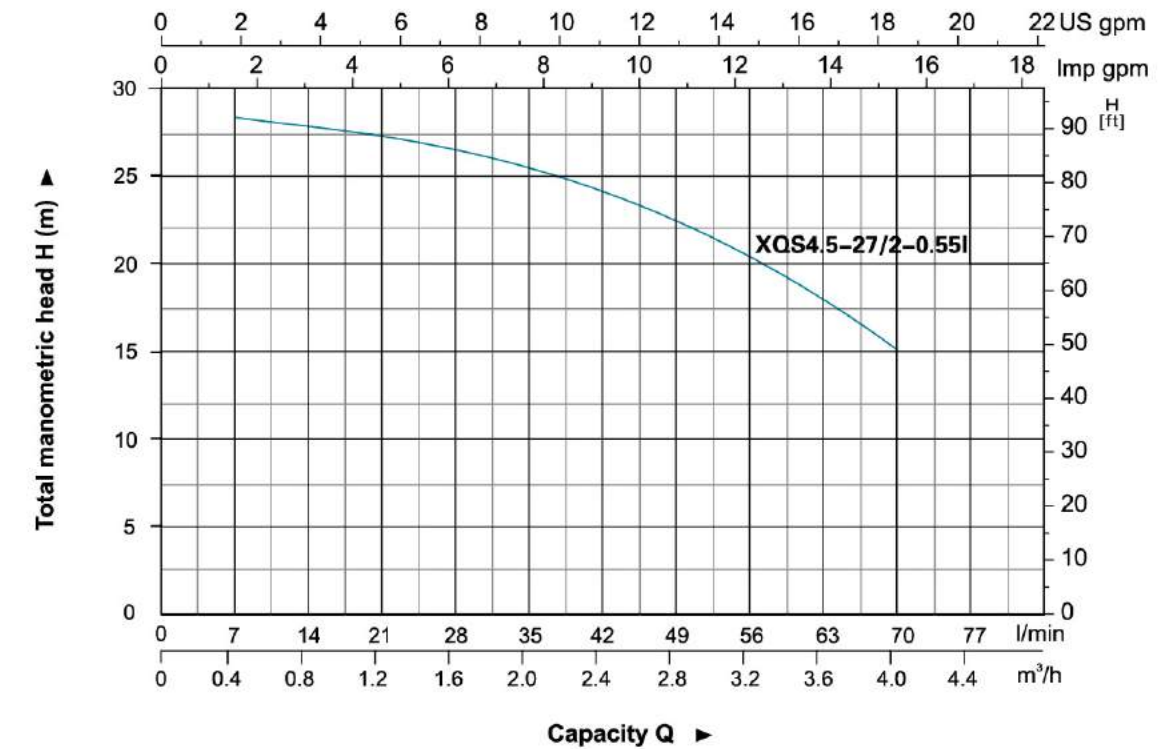
Motor

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identification Codes

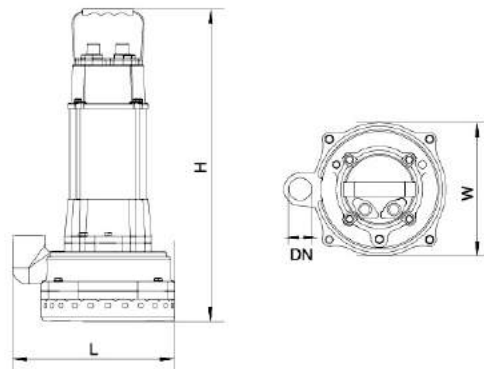


Hydraulic Performance Curves



Technical Data

Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (l/min)	Max. head (m)	GW (kgs)	Packing size (mm)	Quantity (PCS/20 TEU)
	(kW)	HP							
XQS4.5-27/2-0.55I	0.55	0.75	25	220/50	75	27	21.8	500x270x235	980

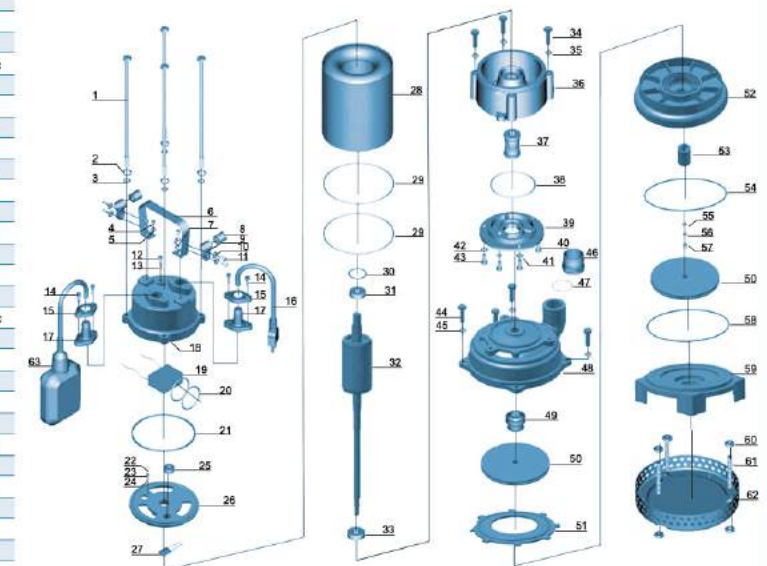


Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XQS4.5-27/2-0.55I	1"	235	198	462

Materials Table

No.	Part	Material	No.	Part	Material
1	Bolt	Stainless steel	33	Ball bearing	
2	Stretching washer	Stainless steel	34	Bolt	Stainless steel
3	Washer	Stainless steel	35	Washer	Stainless steel
4	Bolt	Stainless steel	36	Connection part	HT200
5	Washer	Stainless steel	37	Mechanical seal	Carbon/Ceramic
6	Handle	Stainless steel	38	O-ring	NBR
7	Nut	Stainless steel	39	Oil chamber cover	HT200
8	Protector	NR	40	Screw	Stainless steel
9	Cable presser	Stainless steel	41	Washer	Stainless steel
10	Washer	Stainless steel	42	O-ring	Stainless steel
11	Screw	Stainless steel	43	Screw	Stainless steel
12	Bolt	Stainless steel	44	Bolt	Stainless steel
13	O-ring	NBR	45	Washer	Stainless steel
14	Bolt	Stainless steel	46	Connector	ABS
15	Flange	Stainless steel	47	O-ring	NBR
16	Cable		48	Pump body	HT200
17	Cable protector	CR	49	Mechanical seal	Carbon/Ceramic
18	Capacitor cover	HT200	50	Impeller	PPO
19	Capacitor		51	Guideleaf cover	PPO
20	O-ring	NBR	52	Guideleaf	PPO
21	O-ring	NBR	53	Sleeve	PPO
22	Screw	CuZn40	54	O-ring	NBR
23	Stretching washer	65Mn	55	Washer	Stainless steel
24	Washer	CuZn40	56	Stretching washer	Stainless steel
25	Cable holder	NBR	57	Nut	Stainless steel
26	Motor cover	HT200	58	O-ring	NBR
27	Thermal protector		59	Pump cover	HT200
28	Stator		60	Nut	
29	O-ring	NBR	61	Bilateral bolt	Stainless steel
30	Wave washer	65Mn	62	Filter mesh	Stainless steel
31	Ball bearing		63	Float switch	
32	Rotor				



Application

- Small electrical irrigation and drainage equipments
- Particularly applied in urban well water pumping, field irrigation and drainage, garden irrigation and household water supply, as well as drainage of industrial accumulated water, water supply and drainage for construction, livestock breeding, etc.

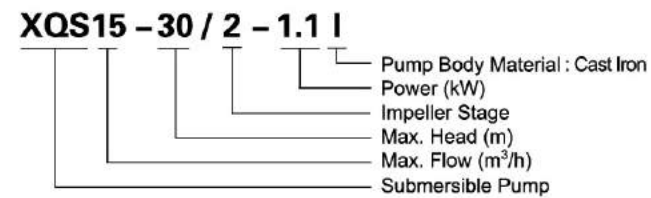
Pump

- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 6.5 – 8

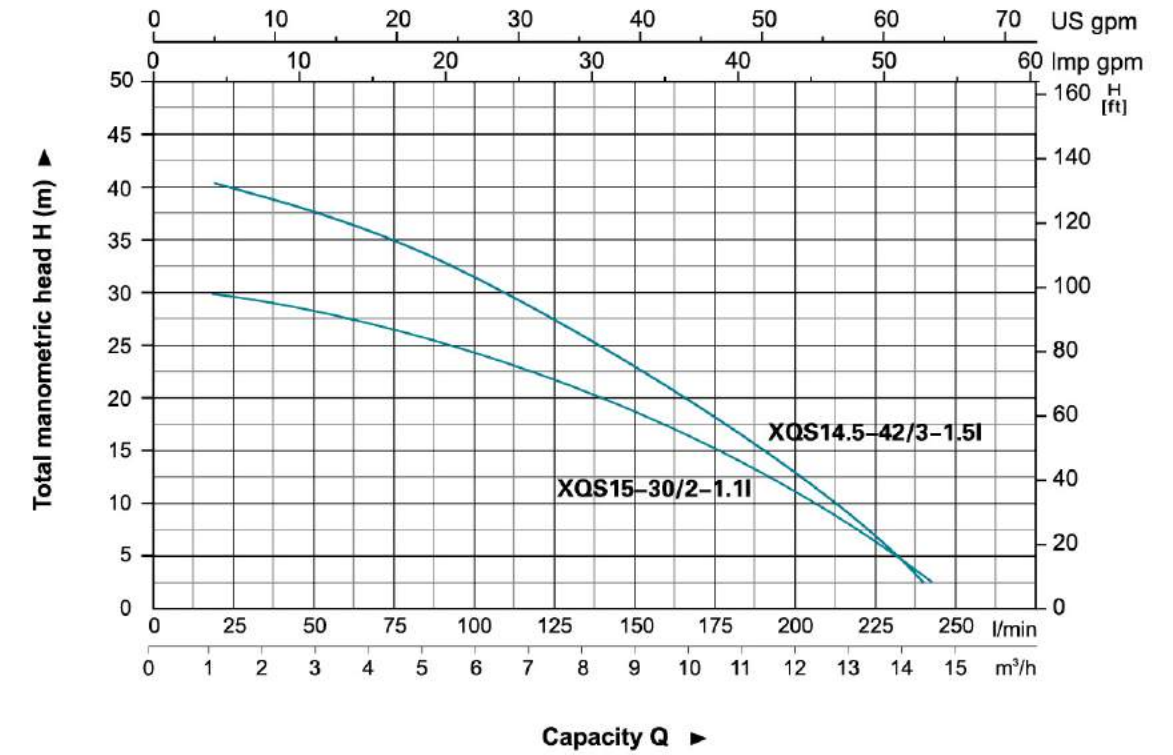
Motor

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identification Codes



Hydraulic Performance Curves

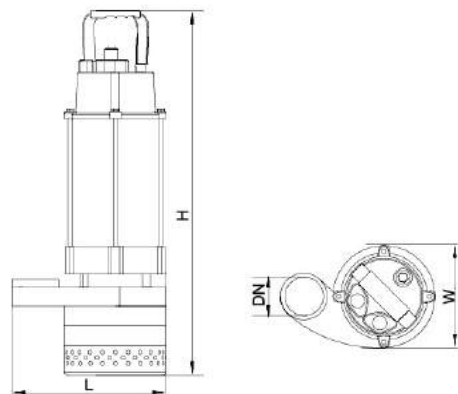
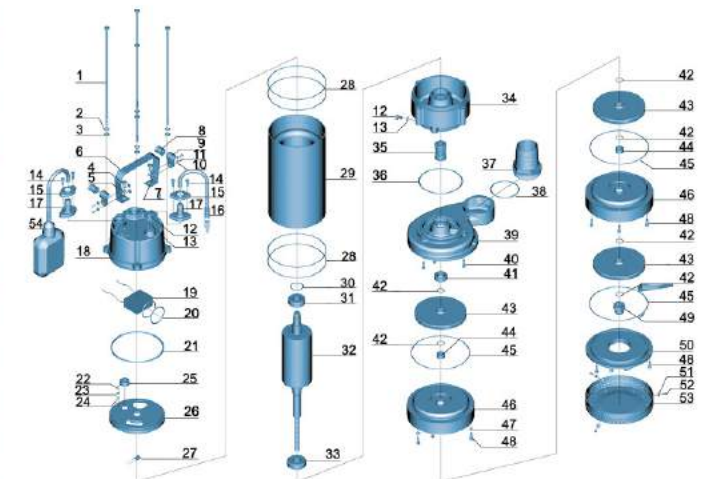


Technical Data

Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (l/min)	Max. head (m)	GW (kgs)	Packing size (mm)	Quantity (PCS/20 TEU)
	(kW)	HP							
XQS15-30/2-1.1I	1.1	1.5	50	220/50	250	30	23.3	555x290x220	840
XQS14.5-42/3-1.5I	1.5	2.0	50	220/50	240	42	26.8	625x285x205	614

Materials Table

No.	Part	Material	No.	Part	Material
1	Bolt	Stainless steel	29	Stator	
2	Stretching washer	Stainless steel	30	Wave washer	65Mn
3	Washer	Stainless steel	31	Ball bearing	
4	Bolt	Stainless steel	32	Rotor	
5	Washer	Stainless steel	33	Ball bearing	
6	Handle	Stainless steel	34	Connection part	HT200
7	Nut	Stainless steel	35	Mechanical seal	Carbon/Ceramic
8	Protector	NR	36	O-ring	NBR
9	Cable presser	Stainless steel	37	Connector	ABS
10	Washer	Stainless steel	38	O-ring	NBR
11	Screw	Stainless steel	39	Pump body	HT200
12	Bolt	Stainless steel	40	Screw	Stainless steel
13	O-ring	NBR	41	Oil seal	
14	Screw	Stainless steel	42	Rubber washer	NBR
15	Flange	Stainless steel	43	Impeller	HT200
16	Cable		44	Ring	Steel
17	Cable protector	CR	45	O-ring	NBR
18	Capacitor cover	HT200	46	Diffuser	HT200
19	Capacitor		47	Stretching washer	Stainless steel
20	O-ring	NBR	48	Screw	Stainless steel
21	Rubber washer	NBR	49	Nut	Stainless steel
22	Screw	CuZn40	50	Pump cover	HT200
23	Stretching washer	65Mn	51	Washer	Stainless steel
24	Washer	CuZn40	52	Screw	Stainless steel
25	Cable holder	NBR	53	Filter mesh	Steel
26	Motor cover	HT200	54	Float switch	
27	Thermal protector		55	Key	Steel
28	O-ring	NBR			



Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XQS15-30/2-1.1I	2"	232	152	508
XQS14.5-42/3-1.5I		232	152	567



Application

- Small electrical irrigation and drainage equipments
- Particularly applied in urban well water pumping, field irrigation and drainage, garden irrigation and household water supply, as well as drainage of industrial accumulated water, water supply and drainage for construction, livestock breeding, etc.

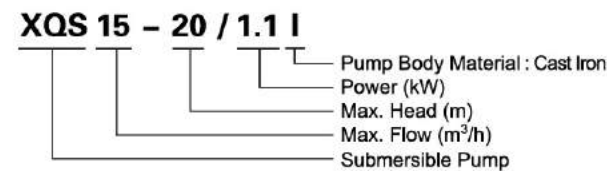
Pump

- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 6.5 – 8

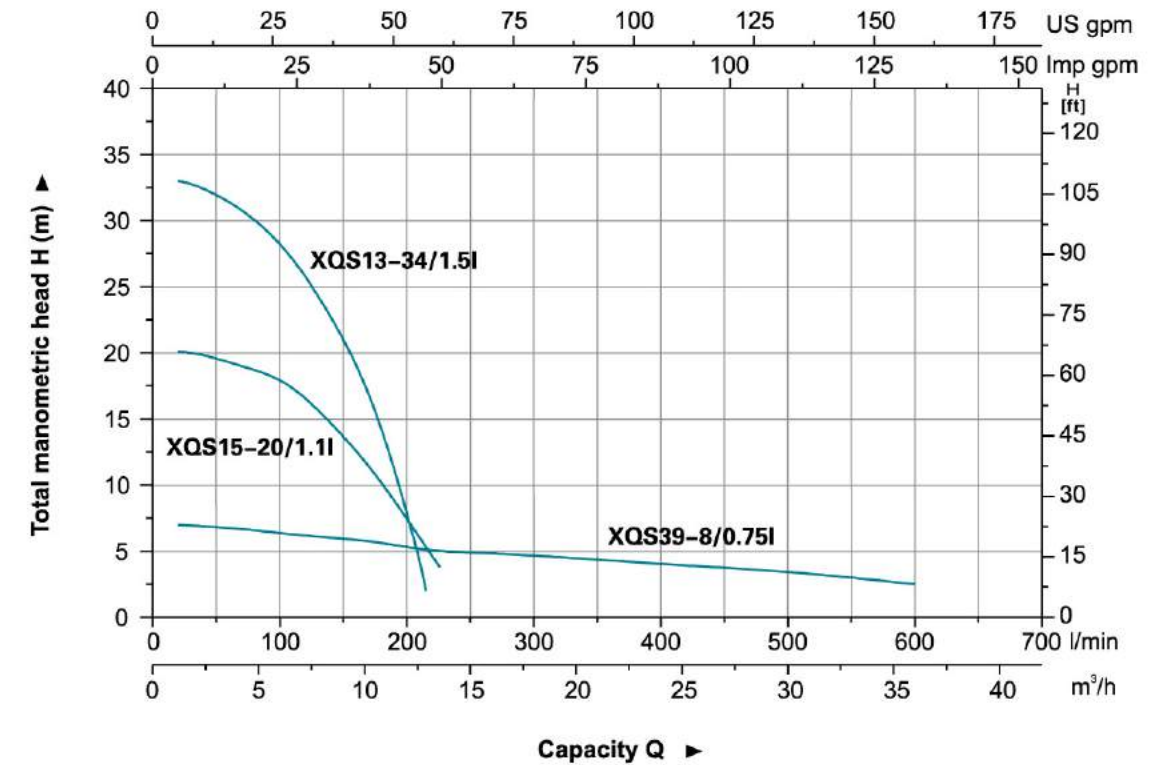
Motor

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identification Codes

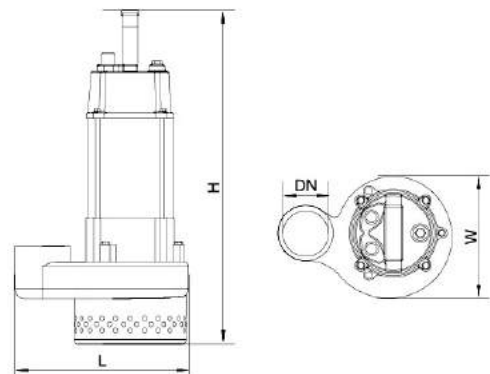


Hydraulic Performance Curves



Technical Data

Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (l/min)	Max. head (m)	GW (kgs)	Packing size (mm)	Quantity (PCS/20 TEU)
	(kW)	HP							
XQS39-8/0.75I	0.75	1.0	75	220/50	650	8	21.6	580x320x250	684
XQS15-20/1.1I	1.1	1.5	40,32,25	220/50	250	20	21.5	510x290x220	880
XQS13-34/1.5I	1.5	2.0	40,32,25	220/50	216	34	25.3	580x320x250	648

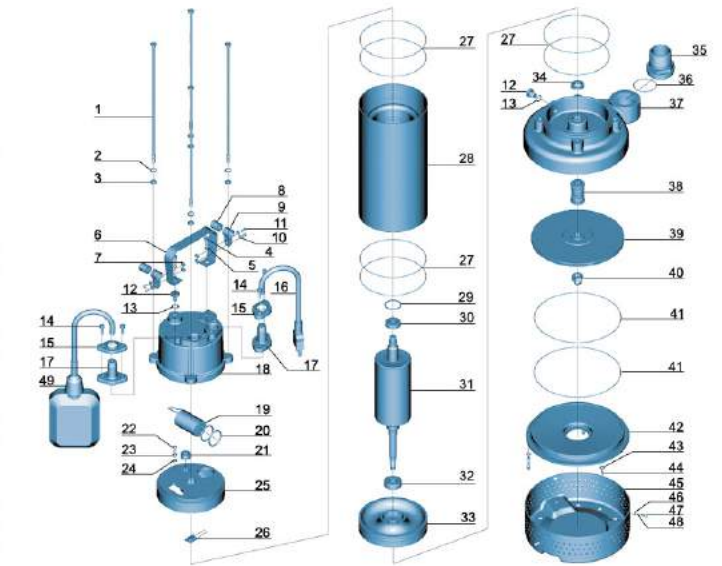


Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XQS39-8/0.75I	2 1/2"	207	109	500
XQS15-20/1.1I	1 1/4"	238	177	460
XQS13-34/1.5I		250	205	512

Materials Table

No.	Part	Material	No.	Part	Material
1	Bolt	Stainless steel	26	Thermal protector	
2	Stretching washer	Stainless steel	27	O-ring	NBR
3	Washer	Stainless steel	28	Stator	
4	Bolt	Stainless steel	29	Wave washer	65Mn
5	Washer	Stainless steel	30	Ball bearing	
6	Handle	Stainless steel	31	Rotor	
7	Nut	Stainless steel	32	Ball bearing	
8	Protector	NR	33	Lower cover	HT200
9	Cable presser	Stainless steel	34	Oil seal	
10	Washer	Stainless steel	35	Connector	ABS
11	Screw	Stainless steel	36	O-ring	NBR
12	Bolt	Stainless steel	37	Pump body	HT200
13	O-ring	NBR	38	Mechanical seal	Carbon/Ceramic
14	Screw	Stainless steel	39	Impeller	HT200
15	Flange	Stainless steel	40	Nut	Stainless steel
16	Cable		41	O-ring	NBR
17	Cable protector	CR	42	Pump body	HT200
18	Capacitor cover	HT200	43	Washer	Stainless steel
19	Capacitor		44	Screw	Stainless steel
20	O-ring	NBR	45	Filter mesh	Steel
21	Cable holder	NBR	46	Washer	Stainless steel
22	Screw	CuZn40	47	Screw	Stainless steel
23	Stretching washer	65Mn	48	Stretching washer	Stainless steel
24	Washer	CuZn40	49	Float switch	
25	Upper cover	HT200			





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

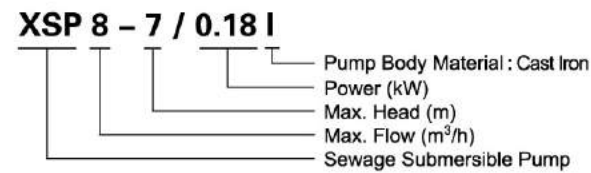
Pump

- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 4 – 10
- Liquid kinematic viscosity: $7 \times 10^{-7} - 23 \times 10^{-6} \text{ m}^2/\text{s}$
- Max. liquid density: $1.2 \times 10^3 \text{ kg/m}^3$

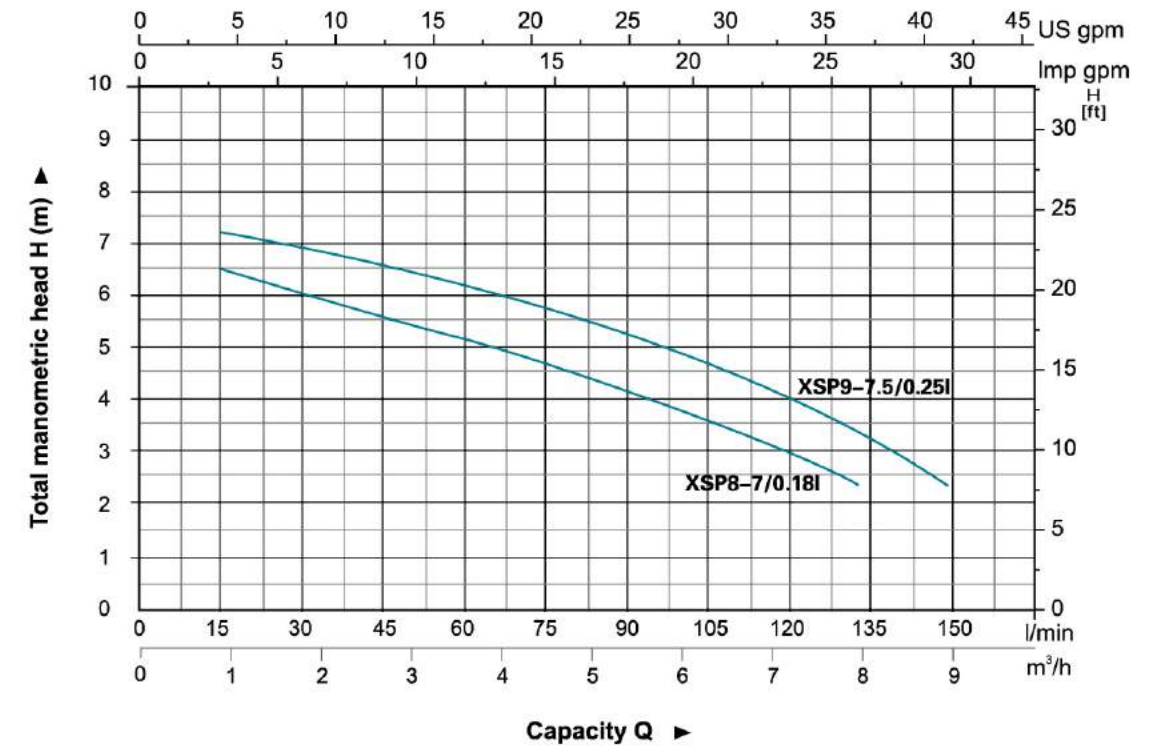
Motor

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identification Codes



Hydraulic Performance Curves

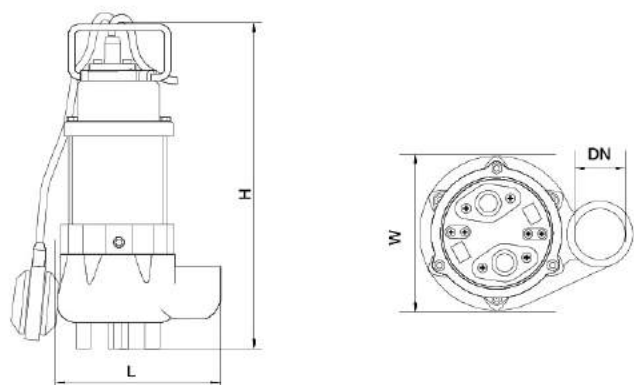
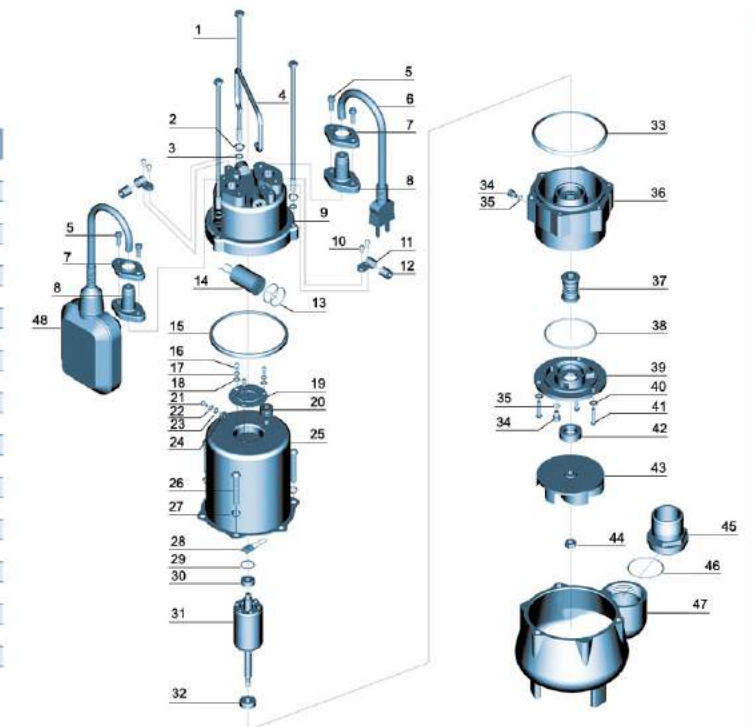


Technical Data

Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (l/min)	Max. head (m)	Max. dia. of particle (mm)	GW (kgs)	Packing size (mm)	Quantity (PCS/20' TEU)
	(kW)	HP								
XSP8-7/0.18I	0.18	0.25	40,32,25	220/50	133	7	15	9	185x180x360	2322
XSP9-7.5/0.25I	0.25	0.33	40,32,25	220/50	150	7.5	15	10	185x180x380	2174

Materials Table

No.	Part	Material	No.	Part	Material
1	Bolt	Stainless steel	25	Stator	
2	Stretching washer	Stainless steel	26	Screw	Stainless steel
3	Washer	Stainless steel	27	Stretching washer	Stainless steel
4	Handle	Stainless steel	28	Thermal protector	
5	Screw	Stainless steel	29	Wave washer	65Mn
6	Cable		30	Ball bearing	
7	Flange	Stainless steel	31	Rotor	
8	Cable protector	CR	32	Ball bearing	
9	Capacitor cover	HT200	33	Rubber washer	NBR
10	Screw	Stainless steel	34	Screw	Stainless steel
11	Cable pressor	Stainless steel	35	O-ring	NBR
12	Protector	NR	36	Connection part	HT200
13	O-ring	NBR	37	Mechanical seal	Carbon/Ceramic
14	Capacitor		38	O-ring	NBR
15	Rubber washer	NBR	39	Oil chamber cover	HT200
16	Screw	Steel	40	Washer	Stainless steel
17	Stretching washer	65Mn	41	Screw	Stainless steel
18	Washer	Steel	42	Oil seal	
19	Press plate	Steel	43	Impeller	PA66
20	Cable holder	NBR	44	Nut	Stainless steel
21	Screw	CuZn40	45	Connector	ABS
22	Stretching washer	65Mn	46	O-ring	NBR
23	Washer	CuZn40	47	Pump body	HT200
24	Nut	Stainless steel	48	Float switch	



Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XSP8-7/0.18I	1 1/4"	166	121	335
XSP9-7.5/0.25I		166	121	355



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

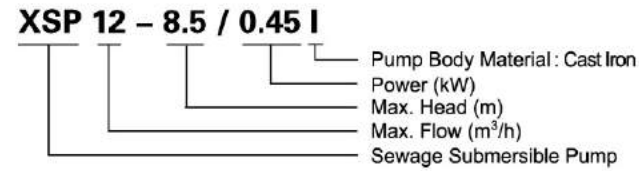
Pump

- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 4 – 10
- Liquid kinematic viscosity: $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{ m}^2/\text{s}$
- Max. liquid density: $1.2 \times 10^3 \text{ kg/m}^3$

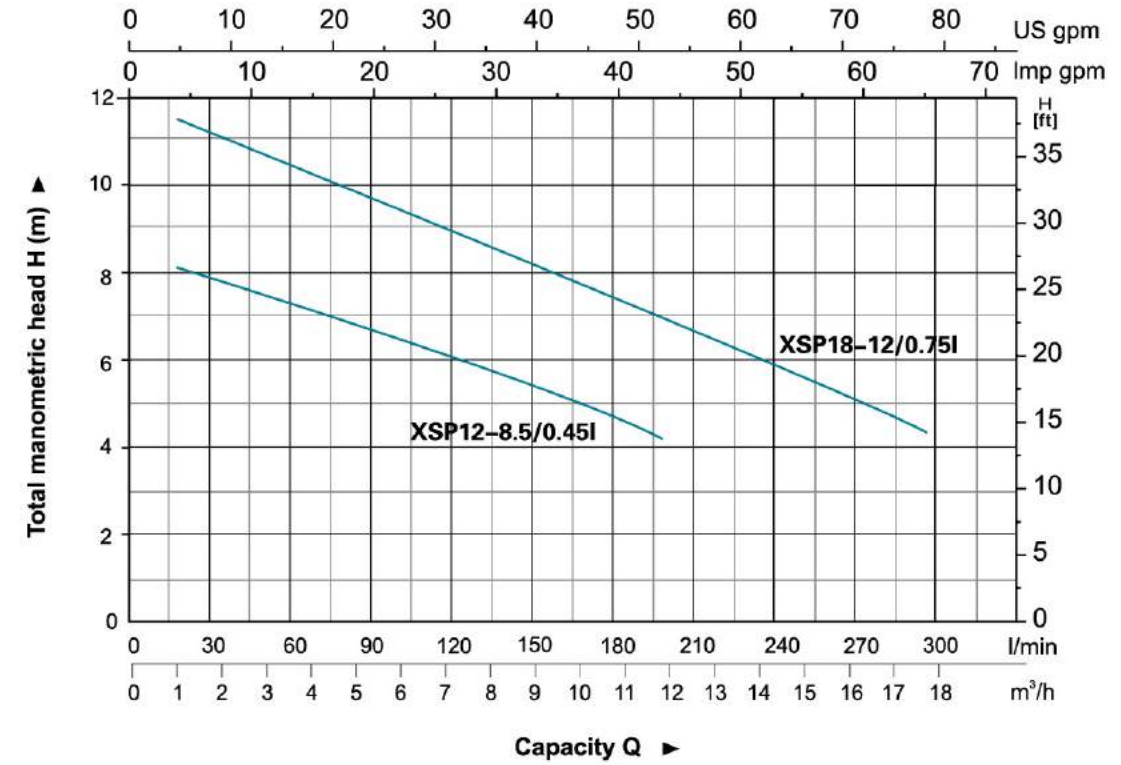
Motor

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identification Codes



Hydraulic Performance Curves

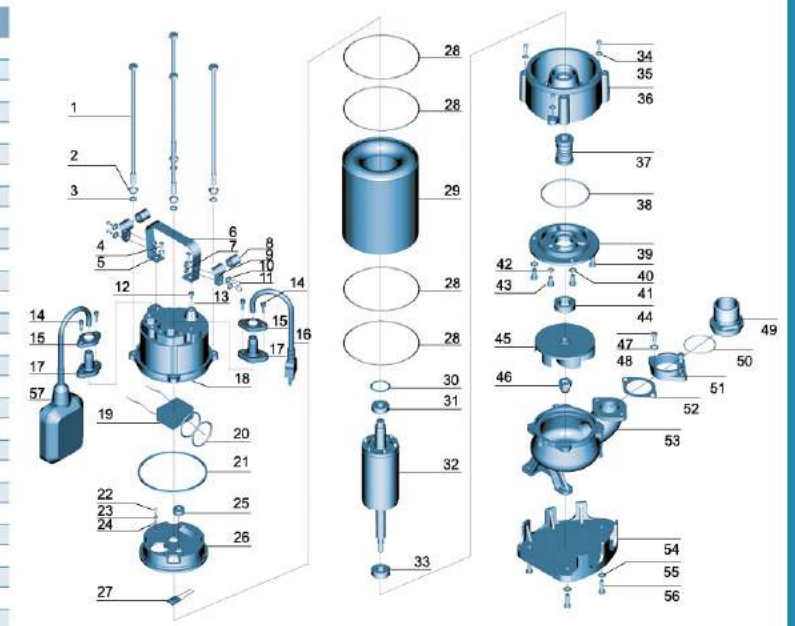


Technical Data

Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (l/min)	Max. head (m)	Max. dia. of particle (mm)	GW (kgs)	Packing size (mm)	Quantity (PCS/20 TEU)
	(kW)	HP								
XSP12-8.5/0.45I	0.45	0.6	50	220/50	200	8.5	25	18.2	495x263x222	1010
XSP18-12/0.75I	0.75	1.0	50	220/50	300	12	25	20.2	540x265x195	1056

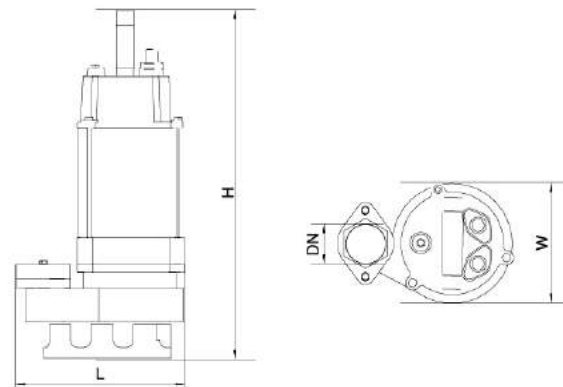
Materials Table

No.	Part	Material	No.	Part	Material
1	Bolt	Stainless steel	30	Wave washer	65Mn
2	Stretching washer	Stainless steel	31	Bell bearing	
3	Washer	Stainless steel	32	Rotor	
4	Bolt	Stainless steel	33	Ball bearing	
5	Washer	Stainless steel	34	Screw	Stainless steel
6	Handle	Stainless steel	35	Washer	Stainless steel
7	Nut	Stainless steel	36	Connection part	HT200
8	Protector	NR	37	Mechanical seal	Carbon/Ceramic
9	Cable presser	Stainless steel	38	O-ring	NBR
10	Washer	Stainless steel	39	Oil chamber cover	HT200
11	Screw	Stainless steel	40	Screw	Stainless steel
12	Bolt	Stainless steel	41	Washer	Stainless steel
13	O-ring	NBR	42	O-ring	NBR
14	Screw	Stainless steel	43	Screw	Stainless steel
15	Flange	Stainless steel	44	Oil seal	
16	Cable		45	Impeller	HT200
17	Cable protector	CR	46	Nut	Stainless steel
18	Capacitor cover	HT200	47	Bolt	Stainless steel
19	Capacitor		48	Washer	Stainless steel
20	O-ring	NBR	49	Connector	ABS
21	Rubber washer	NBR	50	O-ring	NBR
22	Screw	CuZn40	51	Connector nut	HT200
23	Stretching washer	65Mn	52	Rubber washer	NBR
24	Washer	CuZn40	53	Pump body	HT200
25	Cable holder	NBR	54	Base plate	HT200
26	Motor cover	HT200	55	Washer	Stainless steel
27	Thermal protector		56	Screw	Stainless steel
28	O-ring	NBR	57	Float switch	
29	Stator				



Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XSP12-8.5/0.45I	2"	225	150	450
XSP18-12/0.75I		226	159	500





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

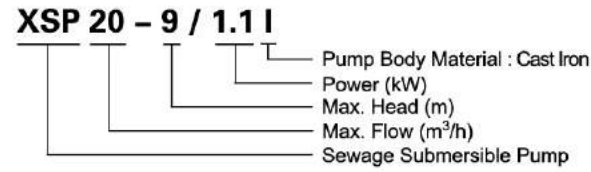
Pump

- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 4 – 10
- Liquid kinematic viscosity: $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{ m}^2/\text{s}$
- Max. liquid density: $1.2 \times 10^3 \text{ kg/m}^3$

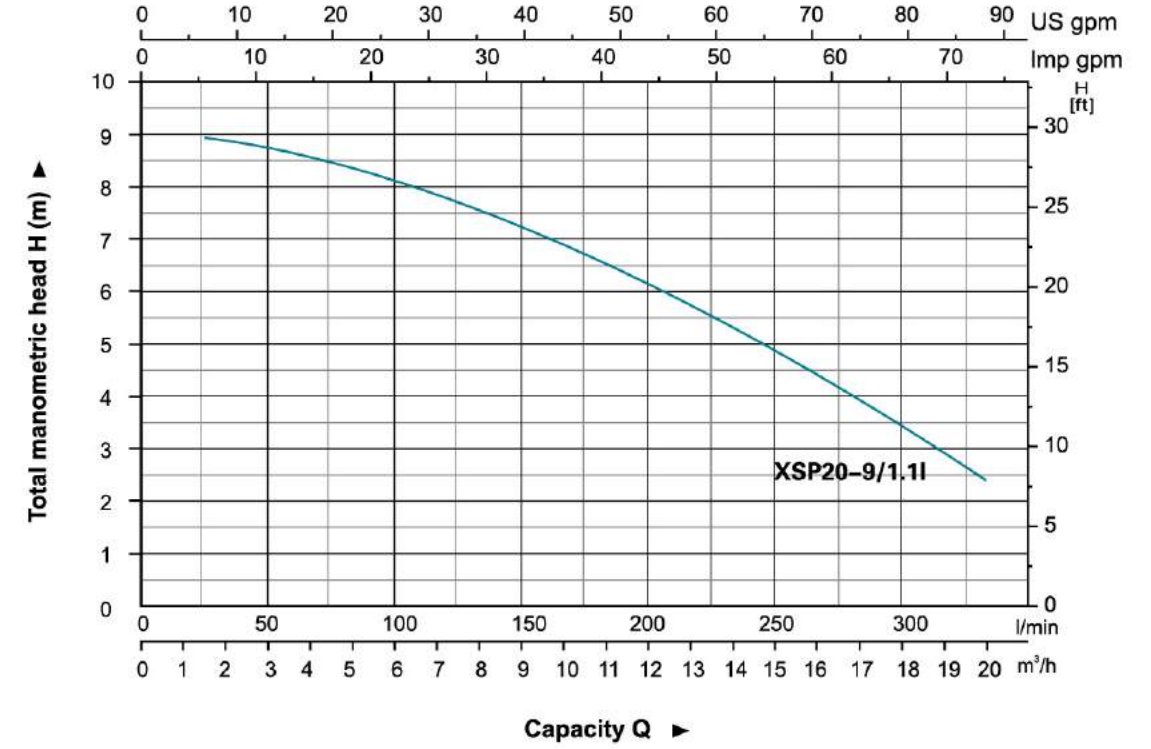
Motor

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identification Codes

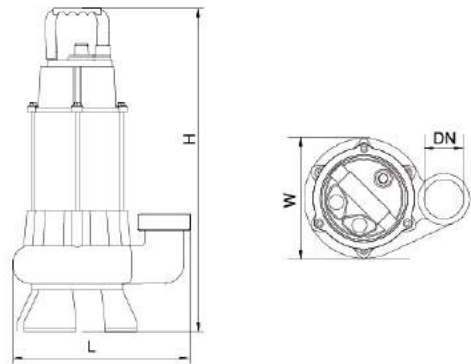


Hydraulic Performance Curves



Technical Data

Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (l/min)	Max. head (m)	Max. dia. of particle (mm)	GW (kgs)	Packing size (mm)	Quantity (PCS/20' TEU)
	(kW)	HP								
XSP20-9/1.1I	1.1	1.5	50	220/50	333	9	35	20.9	580x320x250	681

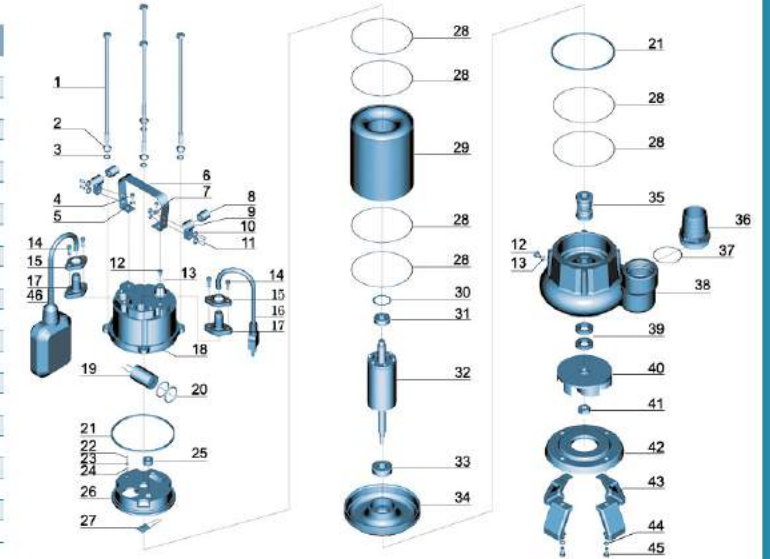


Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XSP20-9/1.1I	2"	280	200	530

Materials Table

No.	Part	Material	No.	Part	Material
1	Bolt	Stainless steel	24	Washer	CuZn40
2	Stretching washer	Stainless steel	25	Cable holder	NBR
3	Washer	Stainless steel	26	Upper cover	HT200
4	Bolt	Stainless steel	27	Thermal protector	
5	Washer	Stainless steel	28	O-ring	NBR
6	Handle	Stainless steel	29	Stator	
7	Nut	Stainless steel	30	Wave washer	65Mn
8	Protector	NR	31	Ball bearing	
9	Cable presser	Stainless steel	32	Rotor	
10	Washer	Stainless steel	33	Ball bearing	
11	Screw	Stainless steel	34	Lower cover	HT200
12	Bolt	Stainless steel	35	Mechanical seal	Carbon/Ceramic
13	O-ring	NBR	36	Connector	ABS
14	Screw	Stainless steel	37	O-ring	NBR
15	Flange	Stainless steel	38	Pump body	HT200
16	Cable		39	Oil seal	
17	Cable protector	CR	40	Impeller	HT200
18	Capacitor cover	HT200	41	Nut	Stainless steel
19	Capacitor		42	Pump cover	Stainless steel
20	O-ring	NBR	43	Base plate	Stainless steel
21	Rubber washer	NBR	44	Washer	Stainless steel
22	Screw	CuZn40	45	Bolt	Stainless steel
23	Stretching washer	65Mn	46	Float switch	



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

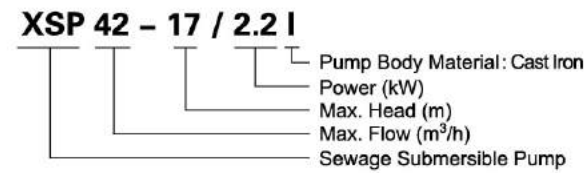
Pump

- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 4 – 10
- Liquid kinematic viscosity: $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{ m}^2/\text{s}$
- Max. liquid density: $1.2 \times 10^3 \text{ kg/m}^3$

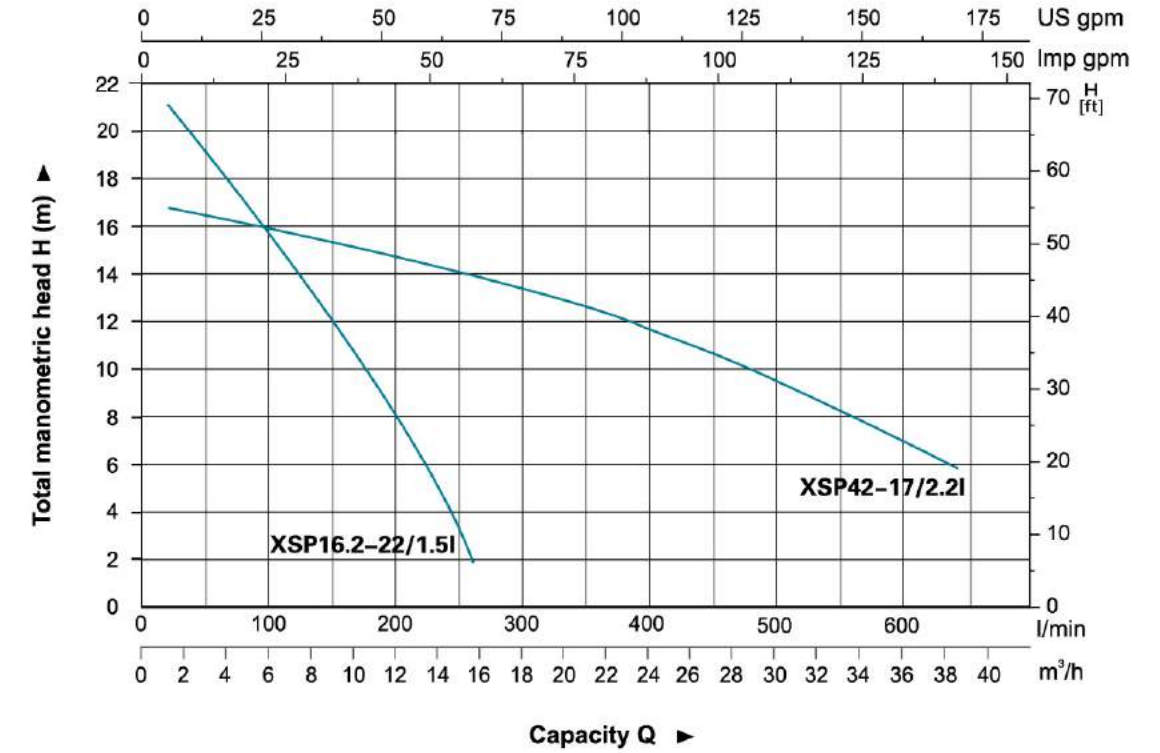
Motor

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identification Codes

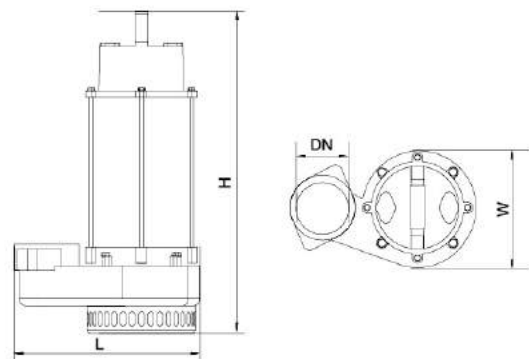


Hydraulic Performance Curves



Technical Data

Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (l/min)	Max. head (m)	Max. dia. of particle (mm)	GW (kgs)	Packing size (mm)	Quantity (PCS/20 TEU)
	(kW)	HP								
XSP16.2-22/1.5I	1.5	2.0	40	220/50	270	22	10	27.6	585x350x245	540
XSP42-17/2.2I	2.2	3.0	75	220/50	700	17	20	29.7	585x350x245	540

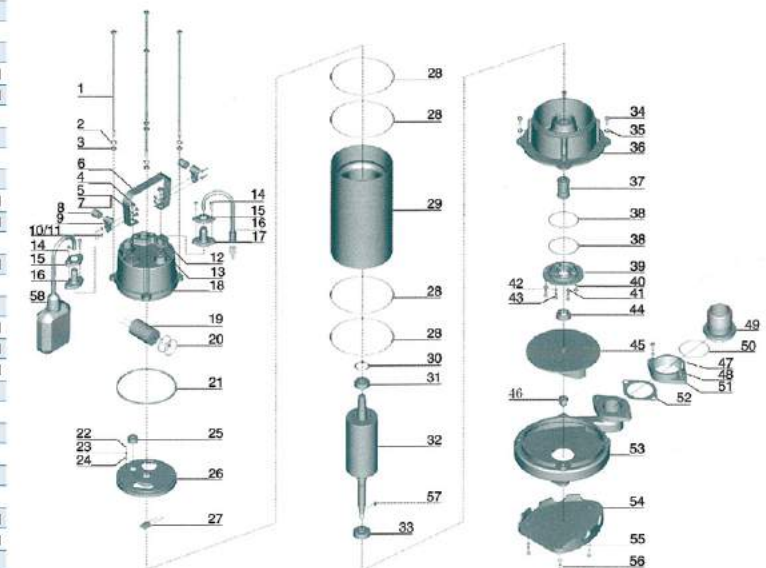


Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XSP16.2-22/1.5I	1 1/2"	308	198	530
XSP42-17/2.2I	3"	302	190	535

Materials Table

No.	Part	Material	No.	Part	Material
1	Bolt	Stainless steel	30	Undulated washer	65Mn
2	Stretching washer	Stainless steel	31	Ball bearing	
3	Washer	Stainless steel	32	Rotor	
4	Bolt	Stainless steel	33	Ball bearing	
5	Washer	Stainless steel	34	Screw	Stainless steel
6	Handle	Stainless steel	35	Washer	Stainless steel
7	Nut	Stainless steel	36	Connection part	HT 200
8	Protector	NR	37	Mechanical seal	Carbon/Ceramic
9	Cable presser	Stainless steel	38	O-ring	NBR
10	Washer	Stainless steel	39	Oil chamber cover	HT 200
11	Screw	Stainless steel	40	Screw	Stainless steel
12	Bolt	Stainless steel	41	Washer	Stainless steel
13	O-ring	NBR	42	O-ring	NBR
14	Screw	Stainless steel	43	Screw	Stainless steel
15	Flange	Stainless steel	44	Oil seal	
16	Cable		45	Impeller	HT 200
17	Cable protector	CR	46	Nut	Stainless steel
18	Capacitor cover	HT 200	47	Bolt	Stainless steel
19	Capacitor		48	Washer	Stainless steel
20	O-ring	NBR	49	Out-let connector	ABS
21	Rubber washer	NBR	50	O-ring	NBR
22	Screw	CuZn40	51	Connection nut	HT 200
23	Stretching washer	65Mn	52	Rubber washer	NBR
24	Washer	CuZn40	53	Pump body	HT 200
25	Line protector	NBR	54	Base plate	HT 200
26	Motor cover	HT 200	55	Washer	Stainless steel
27	Thermal protector		56	Screw	Stainless steel
28	O-ring	NBR	57	Key	
29	Motor stator	Stainless steel	58	Float switch	





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

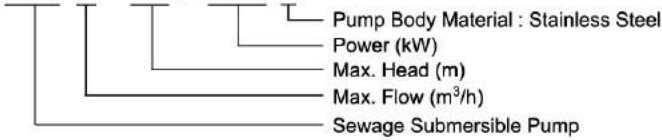
- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 4 – 10
- Liquid kinematic viscosity: $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{ m}^2/\text{s}$
- Max. liquid density: $1.2 \times 10^3 \text{ kg/m}^3$

Motor

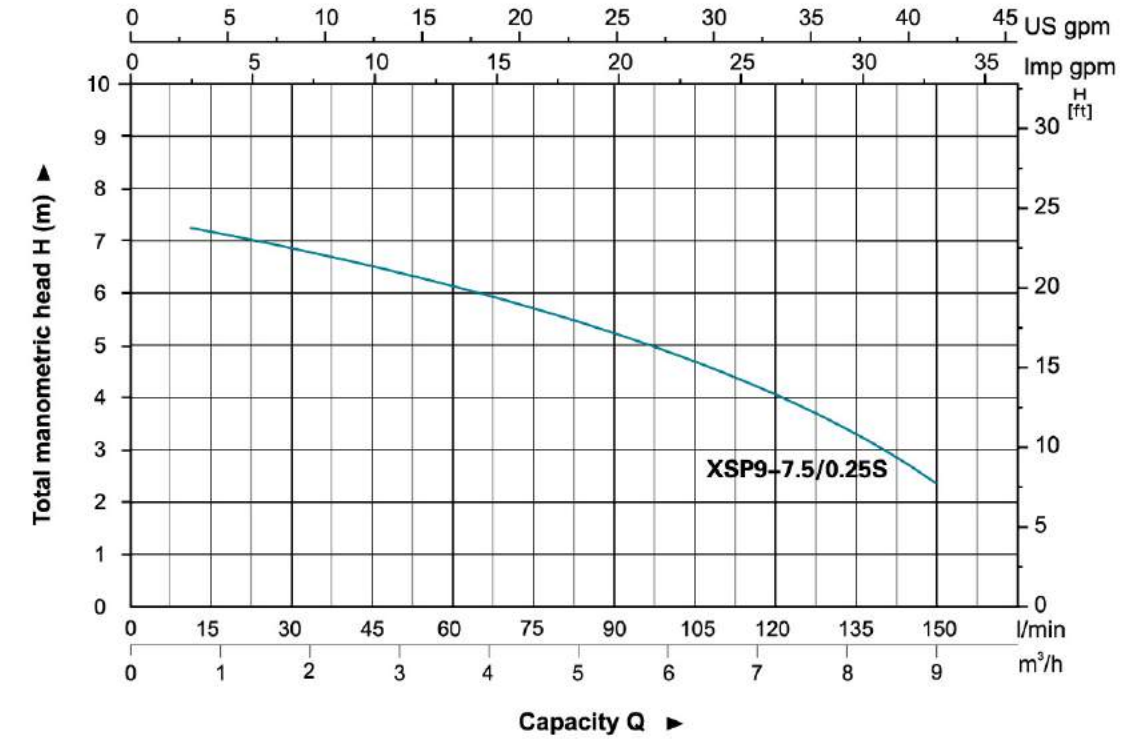
- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identification Codes

XSP 9 – 7.5 / 0.25 S

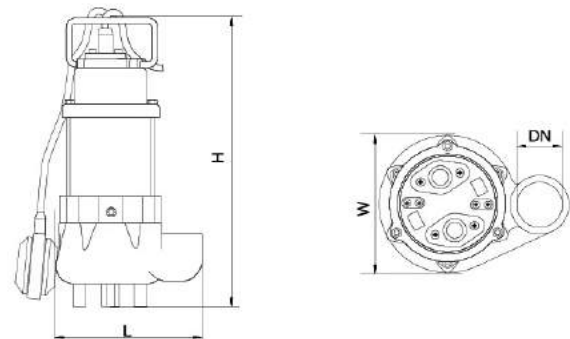


Hydraulic Performance Curves



Technical Data

Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (l/min)	Max. head (m)	Max. dia. of particle (mm)	GW (kgs)	Packing size (mm)	Quantity (PCS/20' TEU)
	(kW)	HP								
XSP9-7.5/0.25S	0.25	0.33	40,32,25	220/50	150	7.5	15	10.5	185x180x380	2110

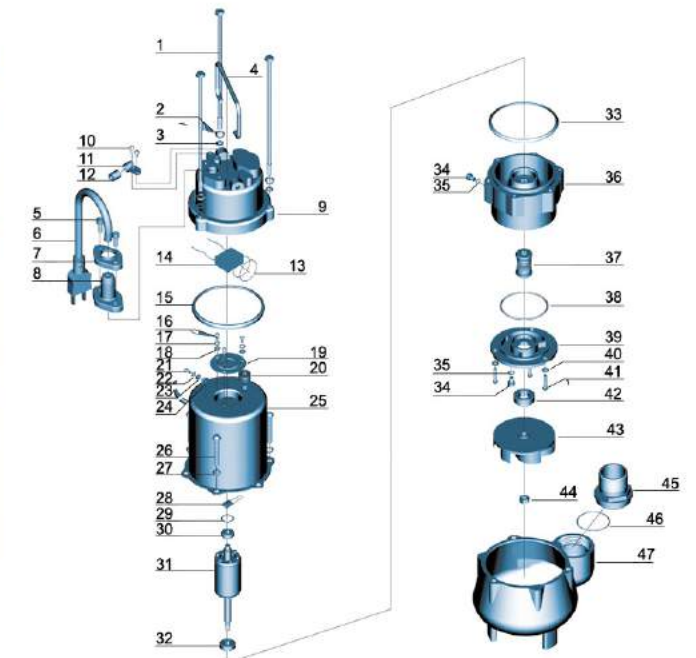


Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XSP9-7.5/0.25S	1 1/4"	165	120	360

Materials Table

No.	Part	Material	No.	Part	Material
1	Bolt	Stainless steel	25	Stator	
2	Stretching washer	Stainless steel	26	Screw	Stainless steel
3	Washer	Stainless steel	27	Stretching washer	Stainless steel
4	Handle	Stainless steel	28	Thermal protector	
5	Screw	Stainless steel	29	Wave washer	65Mn
6	Cable		30	Ball bearing	
7	Flange	Stainless steel	31	Rotor	
8	Cable protector	CR	32	Ball bearing	
9	Capacitor cover	Stainless steel	33	Rubber washer	FKM
10	Screw	Stainless steel	34	Screw	Stainless steel
11	Cable presser	Stainless steel	35	O-ring	FKM
12	Protector	FKM	36	Connection part	Stainless steel
13	O-ring	NBR	37	Mechanical seal	Carbon/Ceramic
14	Capacitor		38	O-ring	FKM
15	Rubber washer	FKM	39	Oil chamber cover	Stainless steel
16	Screw	Steel	40	Washer	Stainless steel
17	Stretching washer	65Mn	41	Screw	Stainless steel
18	Washer	Steel	42	Oil seal	
19	Press plate	Steel	43	Impeller	Stainless steel
20	Cable holder	NBR	44	Nut	Stainless steel
21	Screw	CuZn40	45	Connector	ABS
22	Stretching washer	65Mn	46	O-ring	FKM
23	Washer	CuZn40	47	Pump body	Stainless steel
24	Nut	Stainless steel			





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

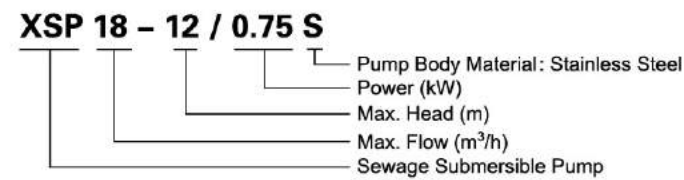
Pump

- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 4 – 10
- Liquid kinematic viscosity: $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{ m}^2/\text{s}$
- Max. liquid density: $1.2 \times 10^3 \text{ kg/m}^3$

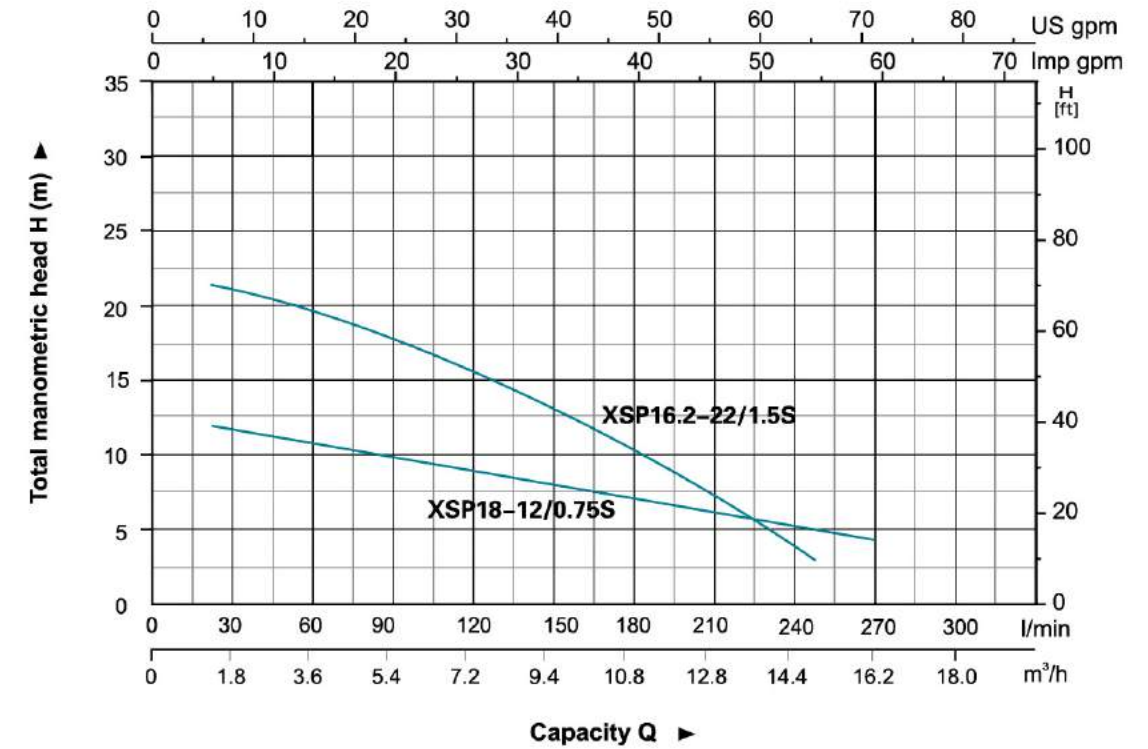
Motor

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identification Codes

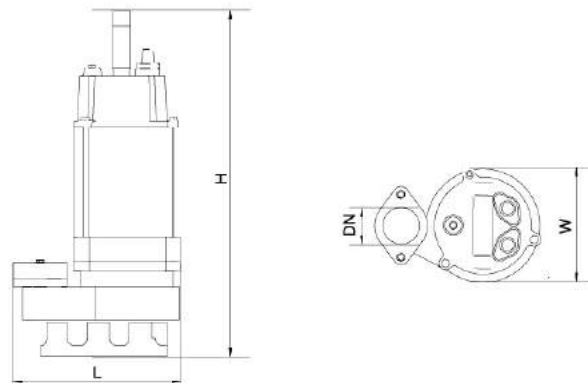


Hydraulic Performance Curves



Technical Data

Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (l/min)	Max. head (m)	Max. dia. of particle (mm)	GW (kgs)	Packing size (mm)	Quantity (PCS/20 TEU)
	(kW)	HP								
XSP18-12/0.75S	0.75	1.0	50	220/50	300	12	25	22.2	540x265x195	1056
XSP16.2-22/1.5S	1.5	2.0	40	220/50	270	22	10	27.5	585x350x245	540

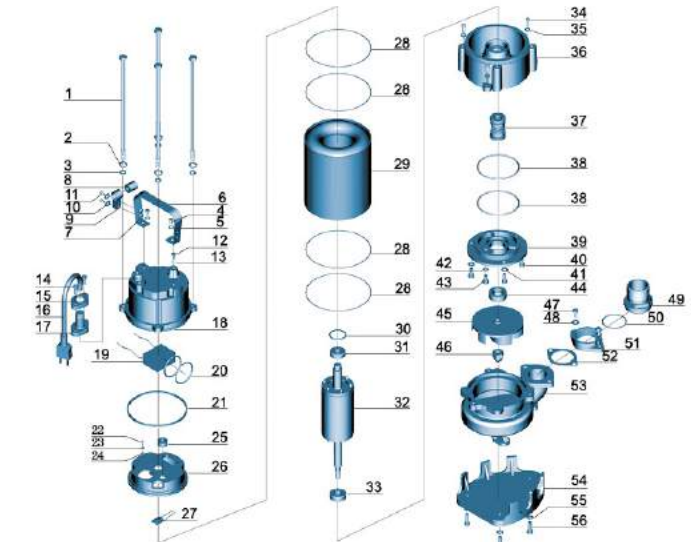


Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XSP18-12/0.75S	2"	226	159	500
XSP16.2-22/1.5S		275	198	530

Materials Table

No.	Part	Material	No.	Part	Material
1	Bolt	Stainless steel	29	Stator	
2	Stretching washer	Stainless steel	30	Wave washer	65Mn
3	Washer	Stainless steel	31	Ball bearing	
4	Bolt	Stainless steel	32	Rotor	
5	Washer	Stainless steel	33	Ball bearing	
6	Handle	Stainless steel	34	Screw	Stainless steel
7	Nut	Stainless steel	35	Washer	Stainless steel
8	Protector	FKM	36	Connection part	Stainless steel
9	Cable presser	Stainless steel	37	Mechanical seal	Carbon/Ceramic
10	Washer	Stainless steel	38	O-ring	FKM
11	Screw	Stainless steel	39	Oil chamber cover	Stainless steel
12	Bolt	Stainless steel	40	Screw	Stainless steel
13	O-ring	FKM	41	Washer	Stainless steel
14	Bolt	Stainless steel	42	O-ring	FKM
15	Flange	Stainless steel	43	Screw	Stainless steel
16	Cable		44	Oil seal	
17	Cable protector	CR	45	Impeller	Stainless steel
18	Capacitor cover	Stainless steel	46	Nut	
19	Capacitor		47	Bolt	Stainless steel
20	O-ring	NBR	48	Washer	Stainless steel
21	Rubber washer	FKM	49	Connector	ABS
22	Screw	CuZn40	50	O-ring	FKM
23	Stretching washer	65Mn	51	Connection nut	Stainless steel
24	Washer	CuZn40	52	Rubber washer	FKM
25	Cable holder	NBR	53	Pump body	Stainless steel
26	Motor cover	HT200	54	Base plate	Stainless steel
27	Thermal protector		55	Washer	Stainless steel
28	O-ring	FKM	56	Screw	Stainless steel



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

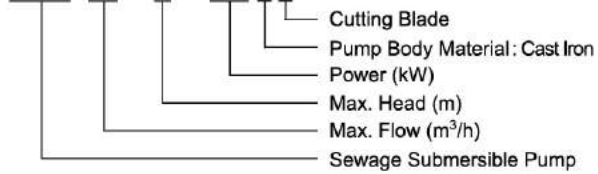
- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 4 – 10
- Liquid kinematic viscosity: $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{ m}^2/\text{s}$
- Max. liquid density: $1.2 \times 10^3 \text{ kg/m}^3$

Motor

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

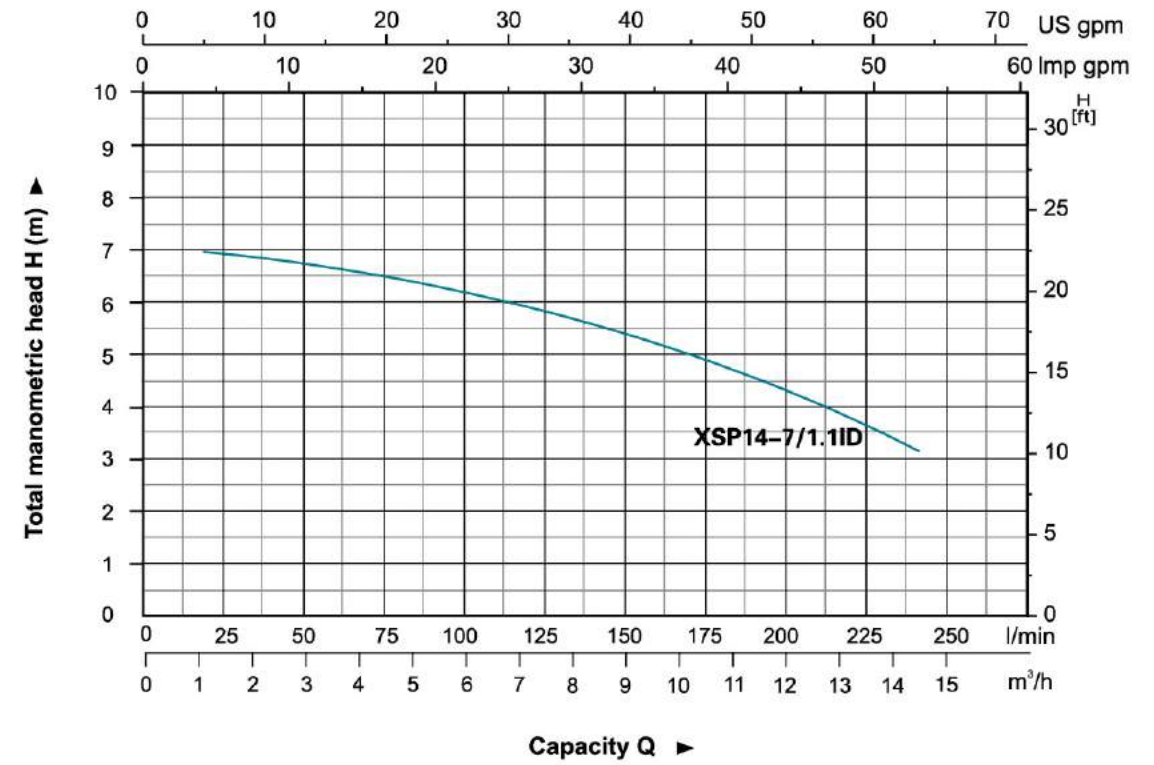
Identification Codes

XSP 14 - 7 / 1.1 ID



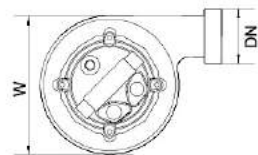
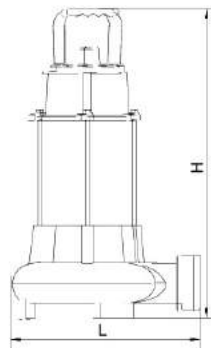
Cutting Blade

Hydraulic Performance Curves



Technical Data

Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (l/min)	Max. head (m)	Max. dia. of particle (mm)	GW (kgs)	Packing size (mm)	Quantity (PCS/20 TEU)
	(kW)	HP								
XSP14-7/1.1ID	1.1	1.5	50	220/50	233	7	22.5	24	530x295x245	765

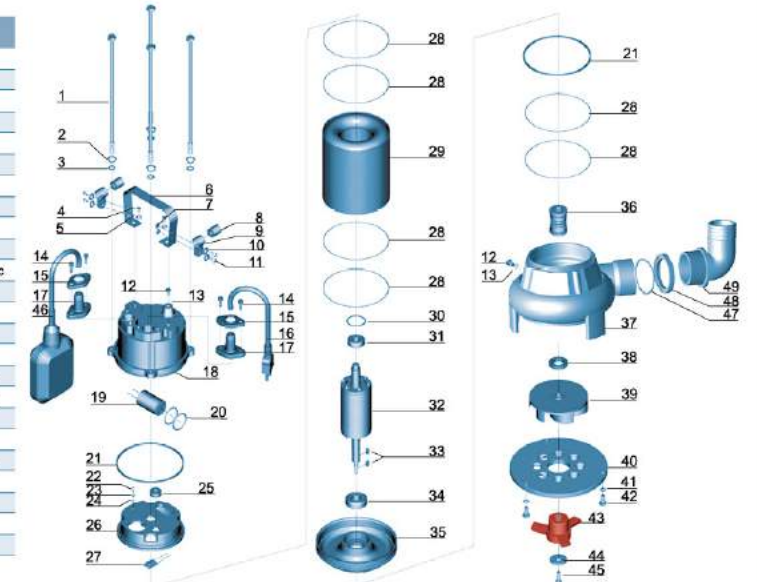


Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XSP14-7/1.1ID	2"	255	202	478

Materials Table

No.	Part	Material	No.	Part	Material
1	Bolt	Stainless steel	26	Upper cover	HT200
2	Stretching washer	Stainless steel	27	Thermal protector	
3	Washer	Stainless steel	28	O-ring	NBR
4	Bolt	Stainless steel	29	Stator	
5	Washer	Stainless steel	30	Wave washer	65Mn
6	Handle	Stainless steel	31	Ball bearing	
7	Nut	Stainless steel	32	Rotor	
8	Protector	NR	33	Key	Steel
9	Cable presser	Stainless steel	34	Ball bearing	
10	Washer	Stainless steel	35	Lower cover	HT200
11	Screw	Stainless steel	36	Mechanical seal	Carbon/Ceramic
12	Bolt	Stainless steel	37	Pump body	HT200
13	O-ring	NBR	38	Oil seal	
14	Screw	Stainless steel	39	Impeller	HT200
15	Flange	Stainless steel	40	Shredding ring	40Cr
16	Cable		41	Washer	Stainless steel
17	Cable protector	CR	42	Screw	Stainless steel
18	Capacitor cover	HT200	43	Radial cutter	40Cr
19	Capacitor		44	Washer	40Cr
20	O-ring	NBR	45	Screw	Stainless steel
21	Rubber washer	NBR	46	Float switch	
22	Screw	CuZn40	47	O-ring	NBR
23	Stretching washer	65Mn	48	Connection nut	ABS
24	Washer	CuZn40	49	Connector	ABS
25	Cable holder	NBR			



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: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 4 – 10
- Liquid kinematic viscosity: $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{ m}^2/\text{s}$
- Max. liquid density: $1.2 \times 10^3 \text{ kg/m}^3$

Motor

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class: B
- Protection class: IP68

Identificati

XSP 18 - 12 / 1.3 ID

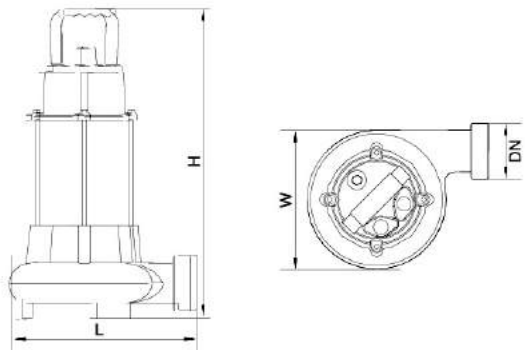
- Cutting Blade
- Pump Body Material: Cast Iron
- Power (kW)
- Max. Head (m)
- Max. Flow (m³/h)
- Sewage Submersible Pump



Cutting Blade

Technical Data

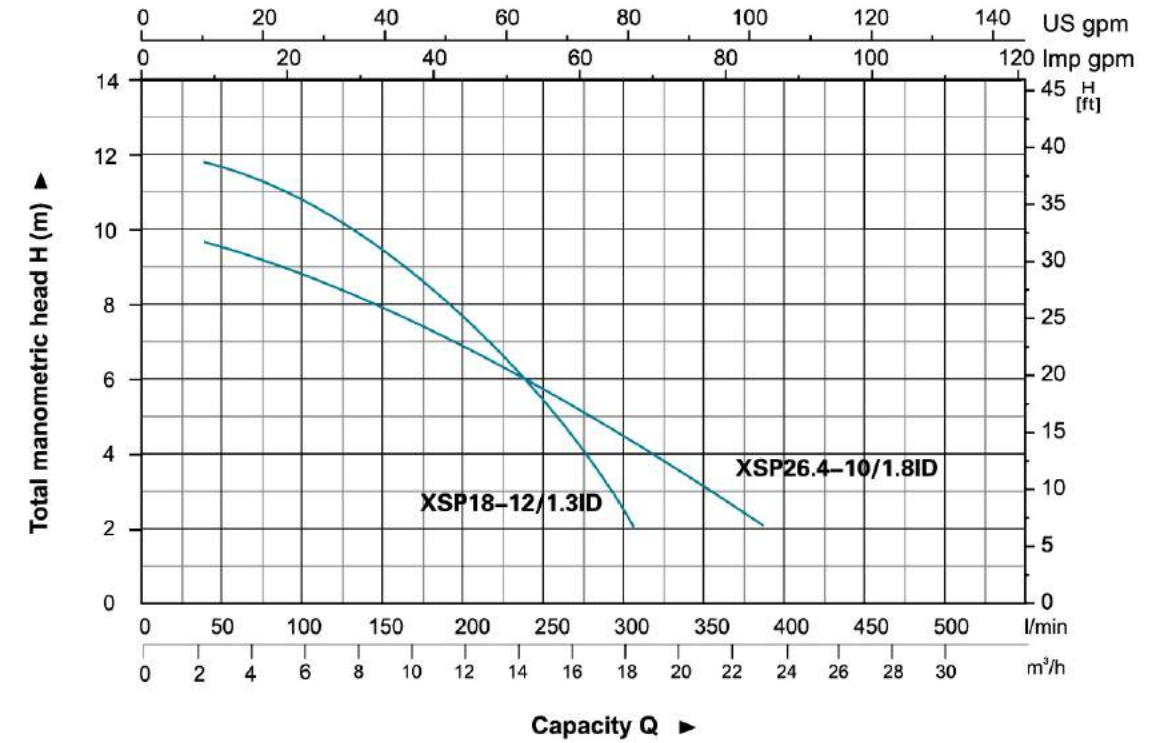
Model	Power		Outlet diameter (mm)	Voltage (V/Hz)	Max. flow (l/min)	Max. head (m)	GW (kgs)	Packing size (mm)	Quantity (PCS/20 TEU)
	(kW)	HP							
XSP18-12/1.3ID	1.3	1.75	50	220/50	300	12	22.8	570x310x245	675
XSP26.4-10/1.8ID	1.8	2.4	75	220/50	440	10	30	585x350x245	540



Dimension

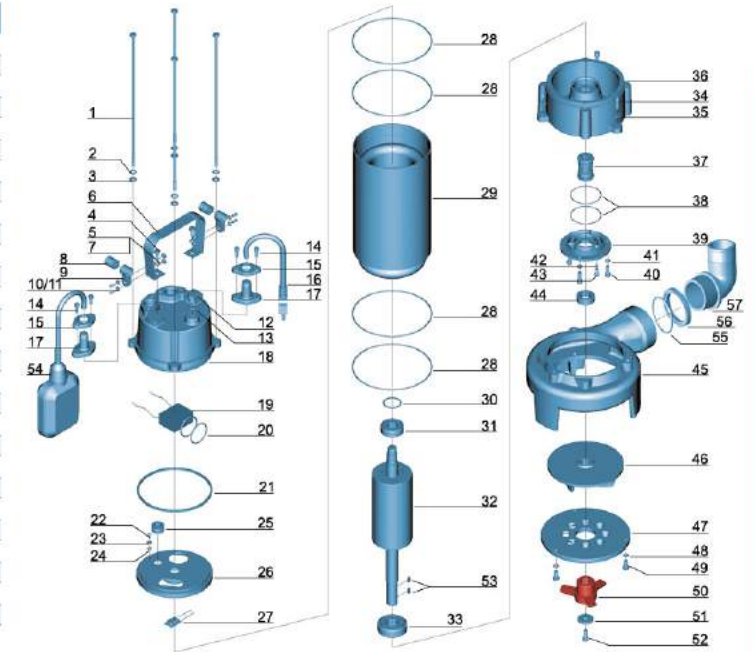
Model	DN	L (mm)	W (mm)	H (mm)
XSP18-12/1.3ID	2"	252	191	510
XSP26.4-10/1.8ID	2 1/2"	290	196	520

Hydraulic Performance Curves



Materials Table

No.	Part	Material	No.	Part	Material
1	Bolt	Stainless steel	30	Undulated washer	65Mn
2	Stretching washer	Stainless steel	31	Ball bearing	
3	Washer	Stainless steel	32	Rotor	
4	Bolt	Stainless steel	33	Ball bearing	
5	Washer	Stainless steel	34	Screw	Stainless steel
6	Handle	Stainless steel	35	Washer	Stainless steel
7	Nut	Stainless steel	36	Connection part	HT200
8	Protector	NR	37	Mechanical seal	Carbon/Ceramic
9	Cable presser	Stainless steel	38	O-ring	NBR
10	Washer	Stainless steel	39	Oil chamber cover	HT200
11	Screw	Stainless steel	40	Screw	Stainless steel
12	Bolt	Stainless steel	41	Washer	Stainless steel
13	O-ring	NBR	42	O-ring	NBR
14	Screw	Stainless steel	43	Screw	Stainless steel
15	Flange	Stainless steel	44	Oil seal	
16	Cable		45	Pump body	HT200
17	Cable Protector	CR	46	Impeller	HT200
18	Capacitor cover	HT200	47	Shredding ring	40Cr
19	Capacitor		48	Washer	Stainless steel
20	O-ring	NBR	49	Bolt	Stainless steel
21	Rubber washer	NBR	50	Radial cutter	40Cr
22	Screw	CuZn40	51	Washer	40Cr
23	Stretching washer	65Mn	52	Screw	Stainless steel
24	Washer	CuZn40	53	Key	Steel
25	Line protector	NBR	54	Float switch	
26	Motor cover	HT200	55	O-ring	NBR
27	Thermal protector		56	Connection nut	ABS
28	O-ring	NBR	57	Out-let connector	ABS
29	Motor stator	Stainless steel			





Product Feature

- The pump body is located in the bottom of the pump. The pump suction is equal to the length of the pipe, can replace other surface pumps and solve the problem of failing to pump water up due to the decline of water level.
- Max diameter of pump is 42mm. The water pump can be used in well whose diameter is more than 50mm
- This pump is provided with excellent anti freezing function; when the pump is powered off, there is no water inside the pump body and the pipe, so pump body or pipe shall be free of any crack when used in cold winter.

Applicable

- Flexible shaft pump is suitable for household water, Cultivation, such as irrigation occasion which water consumption is not big
- Apply to water solid content (Quality estimation) $\leq 1\%$
- Water PH 6.5~8.5
- Chlorine ion content in water $\leq 400\text{mg/L}$
- Max.ambient Temperature: $+40^{\circ}\text{C}$

Configuration

- Copper wire motor with protector
- High quality stator
- IP54

Identification Codes

FSP 750 - 25

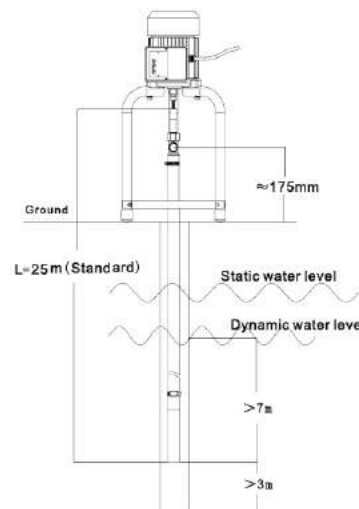
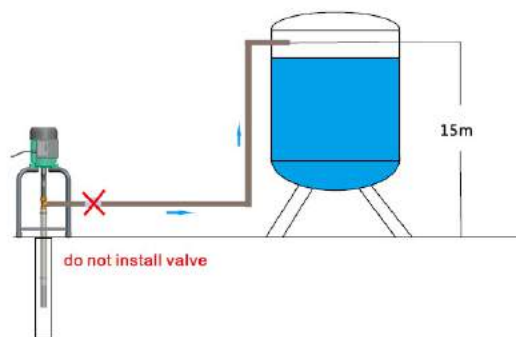


Technical Data

Model	Power		Q(m ³ /h)	0.64	0.88	1.08	1.26	1.41	1.54	1.66	1.79	1.85	1.91
	kW	HP		Q(l/min)	10.67	14.67	18.00	21.00	23.50	25.70	27.70	29.81	30.80
FSP750-25	0.75	1	H(m)	90	80	70	60	50	40	30	20	10	0

(Note: The FSP length does not affect the performance)

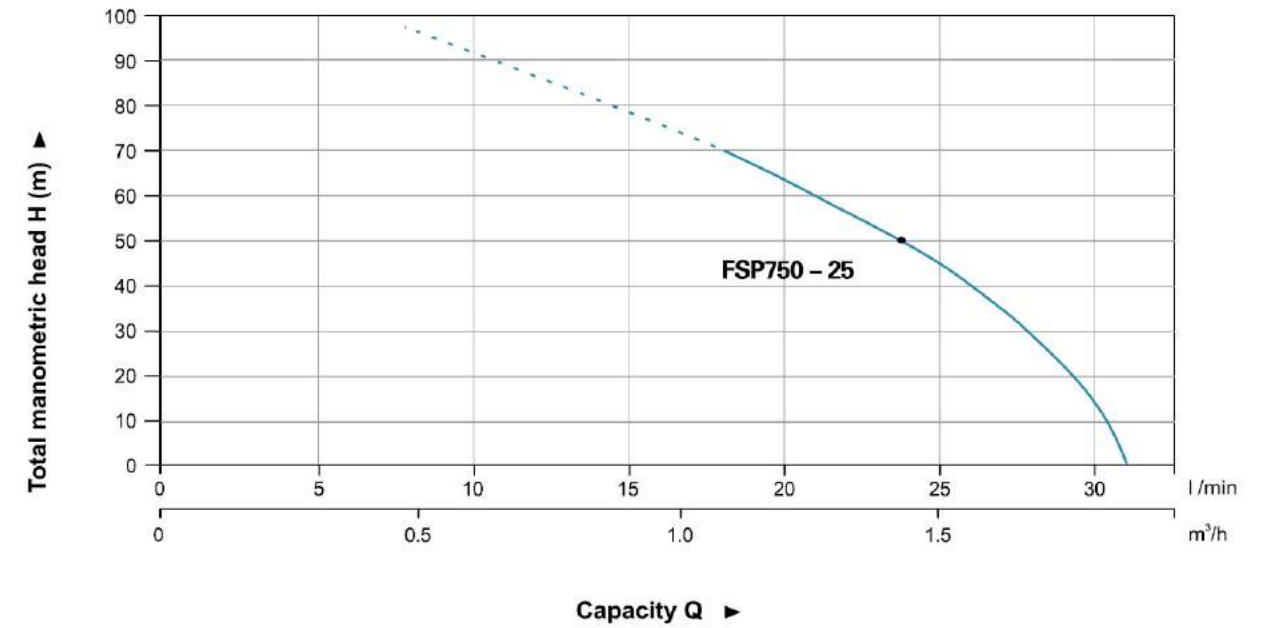
Installation Drawing



Mounting Dimension

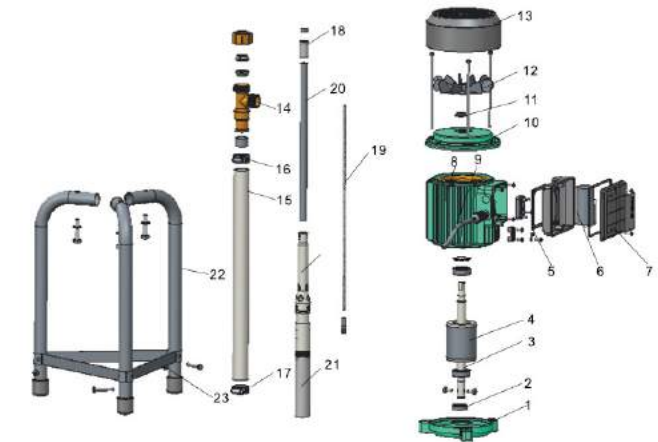
(Flexible shaft pump length L,
According to water depth matching, pipe
standard length 25m)

Hydraulic Performance Curves



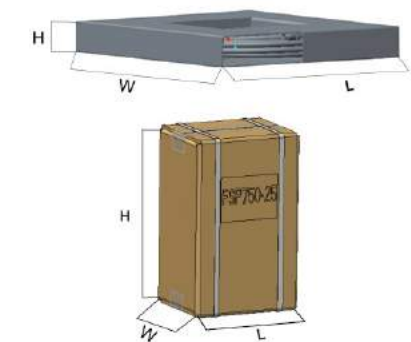
Materials Table

No.	Part	Material	No.	Part	Material
1	Front end cover	HT200	15	External pipe	PP
2	Oil seal	NBR	16	Hose clamp	304
3	Bearing	GCr15	17	Hose clamp	304
4	Rotor		18	Bearing sheath	Q235
5	Cover box	ABS	19	Component of soft shaft	
6	Capacitor		20	Internal pipe	PP
7	Cover lid	ABS	21	Component of pump head	
8	Stator		22	Support	Q235
9	Outgoing line		23	Rail	Q235
10	Rear end cover	HT200			
11	VD type sealing ring				
12	Fan	PP			
13	Fan cover	Q235			
14	Tee	Brass			



Package Information

Model	Packaging	NO.	GW (Kg)	H (mm)	W (mm)	L (mm)
FSP750-40	FSP	1	21.5	230	1115	1120
	Motor & Parts	1	8.5	405	200	250
FSP750-35	FSP	1	17.5	115	1115	1120
	Motor & Parts	1	8.5	405	200	250
FSP750-30	FSP	1	14.5	115	1115	1120
	Motor & Parts	1	8.5	405	200	250
FSP750-25	FSP	1	12	115	1115	1120
	Motor & Parts	1	8.5	405	200	250
FSP750-20	FSP	1	10	115	1115	1120
	Motor & Parts	1	8.5	405	200	250
FSP750-15	FSP	1	8.5	115	1115	1120
	Motor & Parts	1	8.5	405	200	250





Application

- The lifting station is suitable for pumping of wastewater off places in private 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

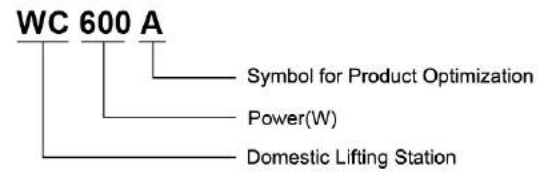
Features

- Compact and slim for easy installation
- Automatic start and stop
- Top quality air switch and carbon filter from Germany
- Circuit board with time delay function and low voltage protection
- Low noise
- New blade and support with better cutting performance
- Suitable for sewage water containing toilet paper and faeces with cutting blade

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

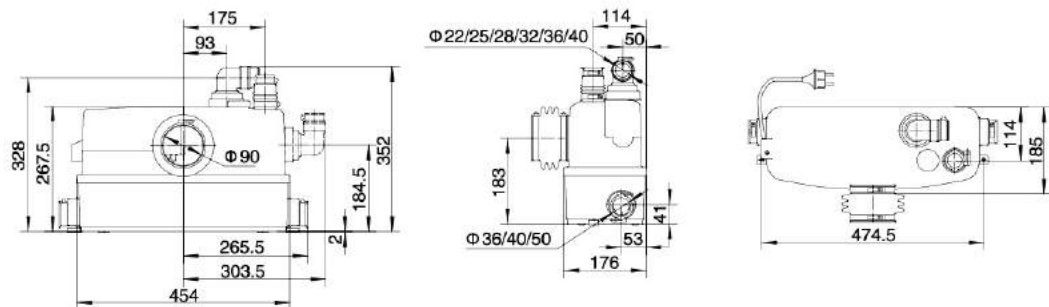
Identification Codes



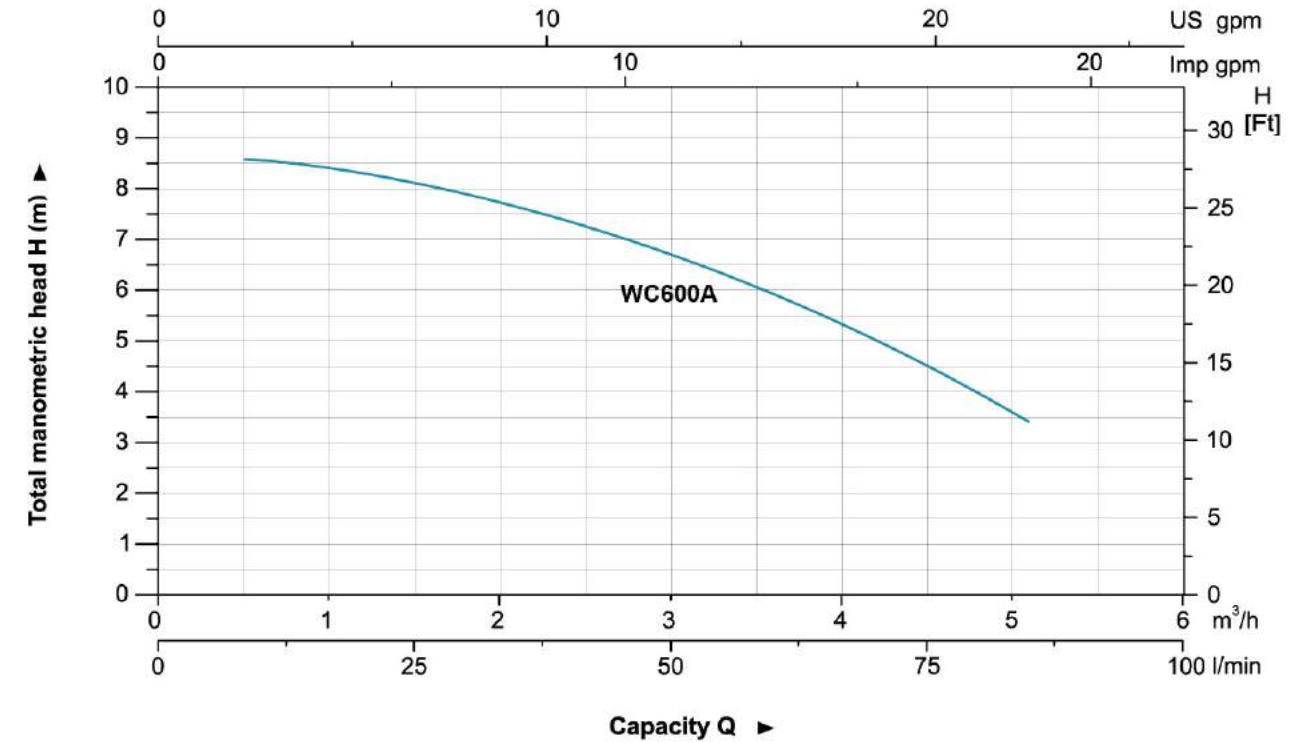
Technical Data

MODEL	POWER (P1)	Q (m³/h)	0	2.4	3.0	3.6	4.5	4.8	5.1
Single Phase	W	Q (l/min)	0	40	50	60	75	80	85
WC600A	600	H (m)	8.7	7.5	6.5	6	4.5	4	3.3

Dimension

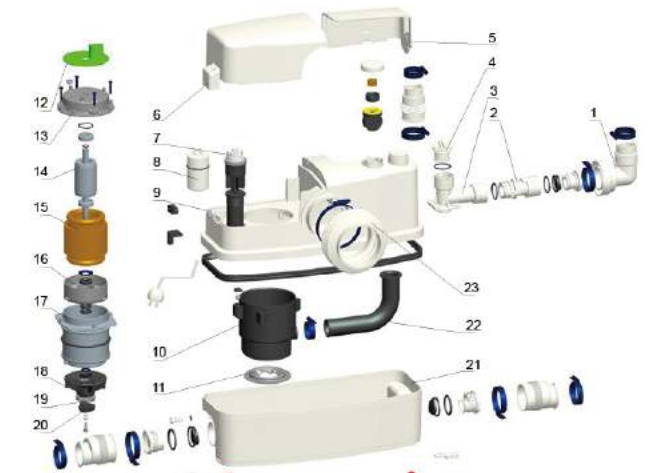


Hydraulic Performance Curves



Materials Table

No.	Part	Material	No.	Part	Material
1	Outlet	EPDM	18	Impeller	PPO
2	Connector	PP	19	Cutting blade	AISI 304
3	3-Way	PP	20	Stirrer	PPO
4	Cover	PP	21	Water tank	ABS
5	Outlet cover	ABS	22	Outlet	NBR
6	Motor cover	ABS	23	Feed pipe	EPDM
7	Air switch				
8	Capacitor				
9	Tank cover	ABS			
10	Pump body	PP			
11	Cutting ring	AISI 304			
12	Circuit board				
13	Upper cover	ZL 102			
14	Rotor				
15	Stator				
16	Bearing seat	ZL102			
17	Stator shield	ZG 304			



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
WC600A	9.6	495	215	384	720





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.

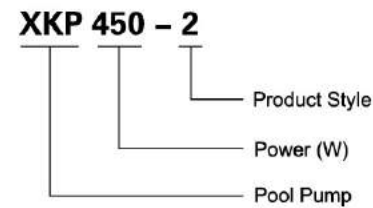
Pump

- Engineering plastic pump body
- AISI 304 shaft
- Max. liquid temperature: +35°C
- Max. suction: 3.5 m

Motor

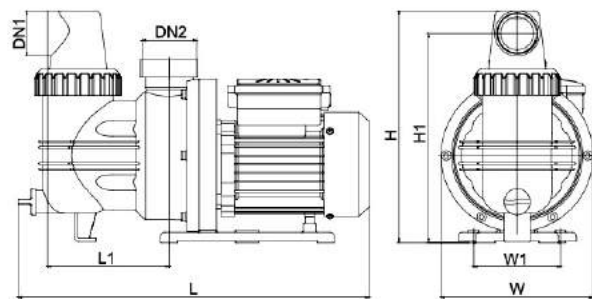
- Motor with copper or aluminum winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX5

Identification Codes



Technical Data

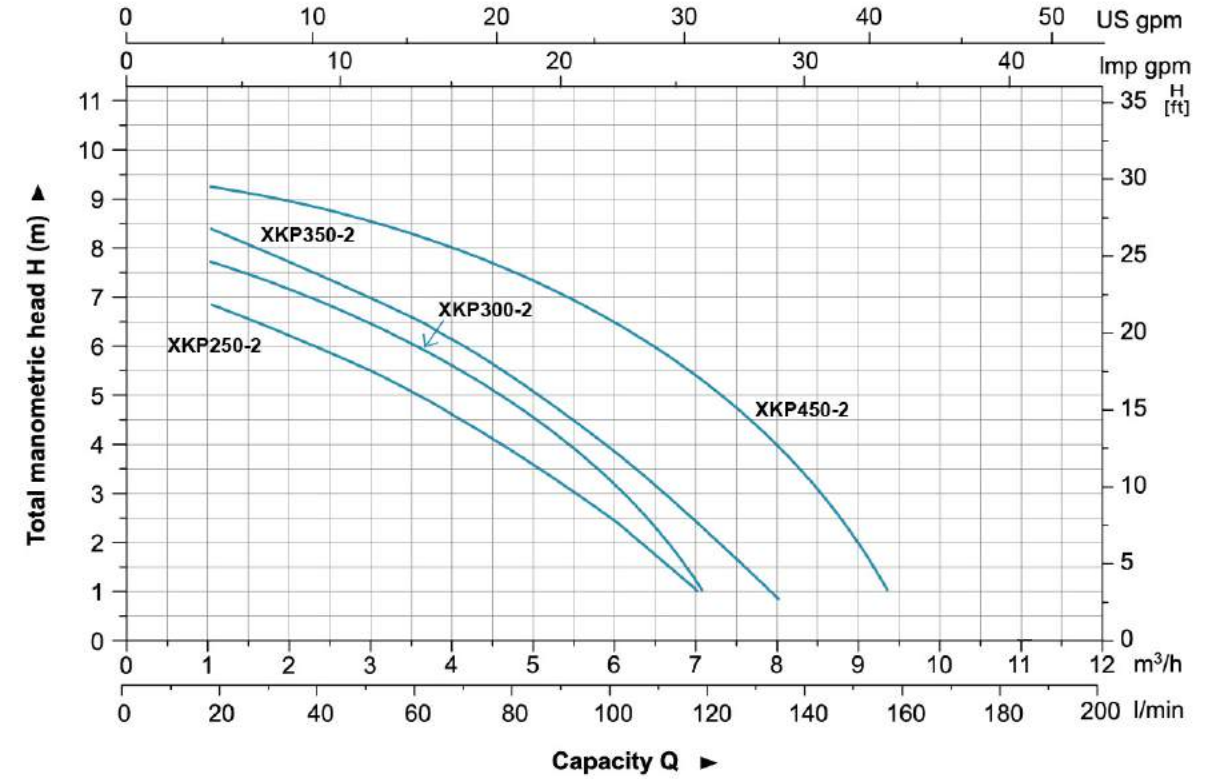
MODEL	POWER (P ₁) W	Q (m ³ /h) Q (l/min)	H (m)									
			1	2	3	4	5	6	7	8	9	10
XKP250-2	250	17	6.9	6.3	5.5	4.6	3.6	2.4	1.0	-	-	-
XKP300-2	300	33	7.7	7.2	6.4	5.5	4.5	3.0	1.0	-	-	-
XKP350-2	350	50	8.4	7.7	7.0	6.2	5.0	3.8	2.3	0.8	-	-
XKP450-2	450	66	9.6	9.1	8.5	8.0	7.3	6.4	5.2	4.0	2.4	-



Dimension

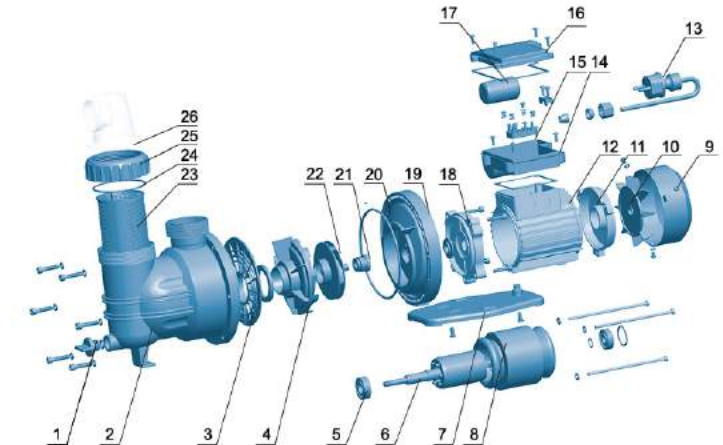
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
XKP250-2	40	40	416	175	265	140	100	239
XKP300-2	40	40	416	175	265	140	100	239
XKP350-2	40	40	416	175	265	140	100	239
XKP450-2	40	40	416	175	265	140	100	239

Hydraulic Performance Curves



Materials Table

No.	Part	Material	No.	Part	Material
1	Filling plug	PP	14	Terminal box	ABS
2	Pump body	PP	15	Terminal board	PC
3	Water proof cover	PPPO	16	Terminal box cover	ABS
4	Diffuser	PPPO	17	Capacitor	
5	Ball bearing		18	Front plate	ZL102
6	Rotor		19	Support	PP
7	Base	PA	20	O-ring	NBR
8	Stator		21	Mechanical seal	Carbon/Ceramic
9	Fan cover	08F	22	Impeller	PPPO
10	Fan	PP	23	Sieve	PP
11	Rear cover	ZL102	24	O-ring	NBR
12	Motor housing	ZL102	25	Nut	ABS
13	Cable		26	Connector	PC



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
XKP250-2	5.6	450	203	238	1341
XKP300-2	6.0	450	203	238	1341
XKP350-2	6.2	450	203	238	1341
XKP450-2	6.4	450	203	238	1341





Application

- It is used for water circulation in small and medium-sized swimming pools. Slightly dirty water with solids in suspension can be perfectly filtered.

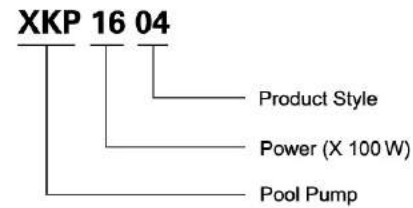
Pump

- Engineering plastic pump body
- AISI 304 shaft
- Max. liquid temperature: +35°C
- Max. suction: 3.5 m

Motor

- Motor with copper or aluminum winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX5

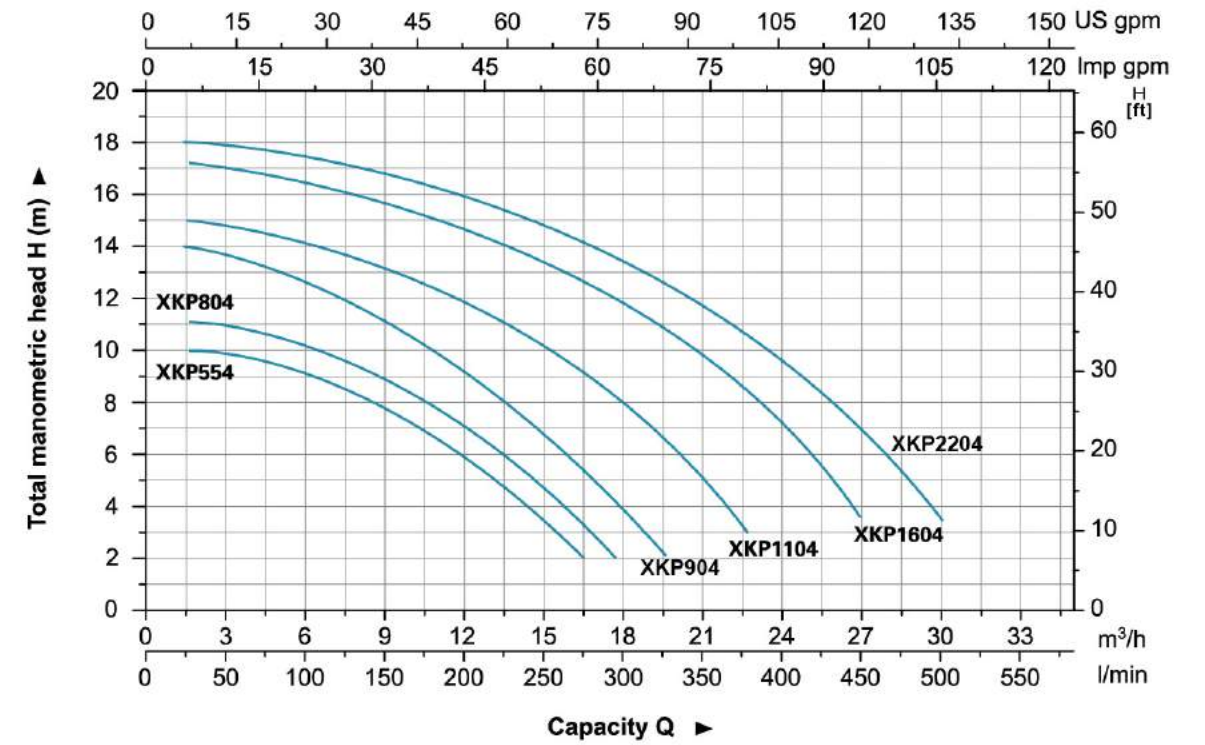
Identification Codes



Technical Data

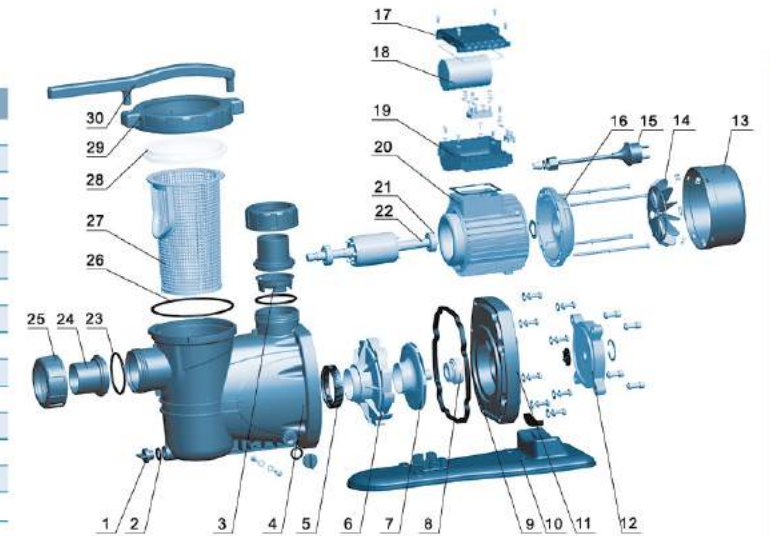
MODEL	POWER (P ₁) W	Q (m ³ /h) Q (l/min)	H (m)													
			3	6	9	12	15	18	21	24	27	30				
XKP554	600		9.7	9	8	6	3.2	0.5	-	-	-	-	-	-	-	-
XKP804	800		10.8	10.3	8.8	7	4.5	1.5	-	-	-	-	-	-	-	-
XKP904	900		13.2	12.3	11.1	9.2	6.5	3.4	0.2	-	-	-	-	-	-	-
XKP1104	1100		14.8	14.2	13.2	12	10.3	8	4.8	-	-	-	-	-	-	-
XKP1604	1600		16.8	16.3	15.5	14.5	13.5	12	9.6	7	3.5	-	-	-	-	-
XKP2204	2200		17.8	17.3	16.5	16	14.8	13.4	11.7	9.5	6.5	3.3	-	-	-	-

Hydraulic Performance Curves



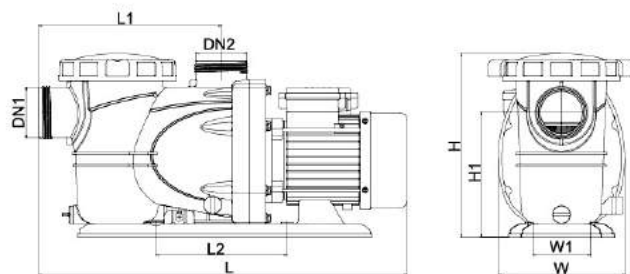
Materials Table

No.	Part	Material	No.	Part	Material
1	Drain plug	PP	16	Rear cover	ZL102
2	O-ring	NBR	17	Capacitor cover	ABS
3	Valve body	PP	18	Capacitor	
4	Pump body	PP	19	Terminal box	ABS
5	Diffuser seal washer	NBR	20	Stator	
6	Diffuser	PP	21	Bearing	
7	Impeller	PPO	22	Rotor	
8	Mechanical seal	Carbon/Ceramic	23	O-ring	NBR
9	O-ring	NBR	24	Connector	PVC
10	Bottom board	PP	25	Nut	ABS
11	Plastic support	PP	26	O-ring	EPDM
12	Pump support	ZL102	27	Sieve	PP
13	Fan cover	PP	28	Pump cover	PC
14	Fan	PP	29	Pump cover nut	PA6
15	Cable		30	Wrench	PP



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	H1 (mm)
XKP554			554	190	276	274	197	187
XKP804			554	190	276	274	197	187
XKP904			554	190	276	274	197	187
XKP1104			554	190	276	274	197	187
XKP1604			584	190	276	274	197	187
XKP2204			584	190	276	274	197	187



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
XKP554	10.4	585	220	290	816
XKP804	11.1	585	220	290	816
XKP904	12.1	585	220	290	816
XKP1104	12.8	585	220	290	816
XKP1604	16.1	615	230	290	744
XKP2204	17.7	615	230	290	744





Application

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

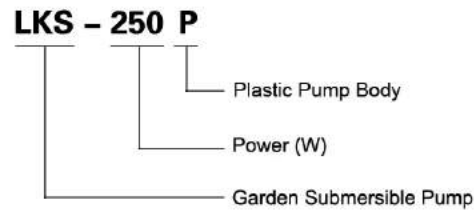
Pump

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

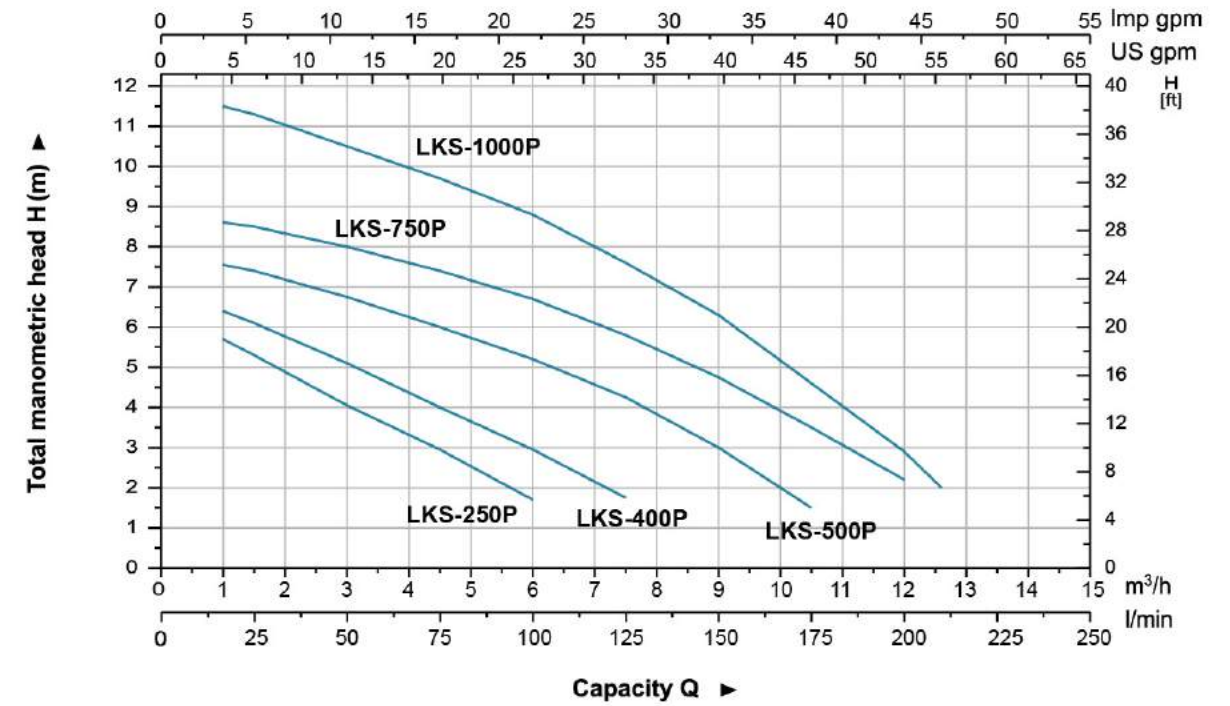
Motor

- Motor with aluminum winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IPX8

Identification Codes



Hydraulic Performance Curves

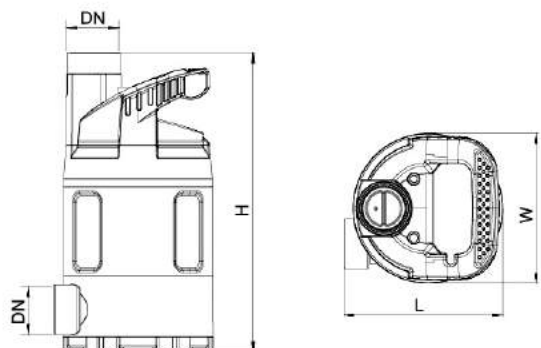
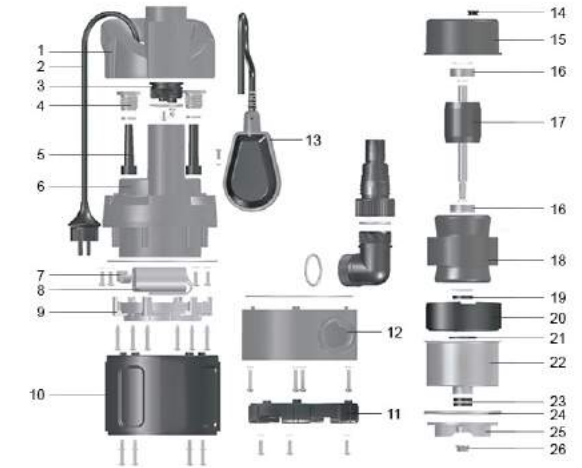


Technical Data

MODEL	POWER		Q (m³/h)	H (m)											
	W	HP		Q (l/min)	0.9	1.5	3	4.6	6	7.5	9	10.5	12	12.6	
LKS-250P	250	0.3	16	5.8	5.3	4.1	3	1.7	-	-	-	-	-	-	
LKS-400P	400	0.5	25	6.5	6.1	5.1	4	3	1.8	-	-	-	-	-	
LKS-500P	500	0.7	50	7.6	7.4	6.8	6	5.2	4.3	3	1.5	-	-	-	
LKS-750P	750	1	75	8.7	8.5	8	7.4	6.7	5.8	4.8	3.5	2.2	-	-	
LKS-1000P	1000	1.3	100	11.6	11.3	10.5	9.7	8.8	7.6	6.3	4.6	2.9	2	-	

Materials Table

No.	Part	Material	No.	Part	Material
1	Handle	PP	14	Wire jacket	NBR
2	Cable	Rubber	15	Upper cover	
3	Plug	PP	16	Bearing	
4	Nut	PP	17	Rotor	
5	Cable jacket	EPDM	18	Stator	
6	Roof	PP	19	Lip seal	
7	Capacitor clip	PC/ABS	20	Bearing seat	ZL102
8	Capacitor		21	O-ring	NBR
9	Retainer ring	PP	22	Stator cover	Steel
10	Pump body	PP	23	Lip seal	
11	Base plate	PP	24	O-ring	NBR
12	Base	PP	25	Impeller	PA6
13	Float switch	PP	26	Nut	Stainless steel



Dimension

Model	DN	L (mm)	W (mm)	H (mm)
LKS-250P	32	157	148	295
LKS-400P		157	148	295
LKS-500P		157	148	316
LKS-750P		157	148	316
LKS-1000P		157	148	353

Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
LKS-250P	4.4	210	160	330	2064
LKS-400P	4.6	210	160	330	2064
LKS-500P	5.2	210	160	330	2064
LKS-750P	6	210	160	330	2064
LKS-1000P	6.4	210	160	370	1720





Application

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

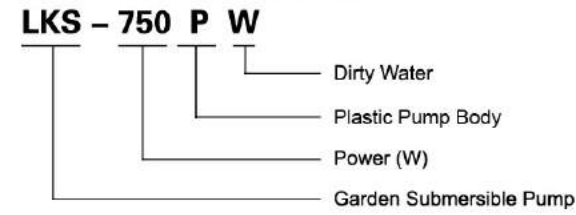
Pump

- Engineering plastic pump body
- Extensive use with two outlets
- Max. liquid temperature: +35°C
- Float switch ensures automatic cut-in and cut-out
- Max. immersion depth: 7 m
- Max. diameter of particle: 25 mm

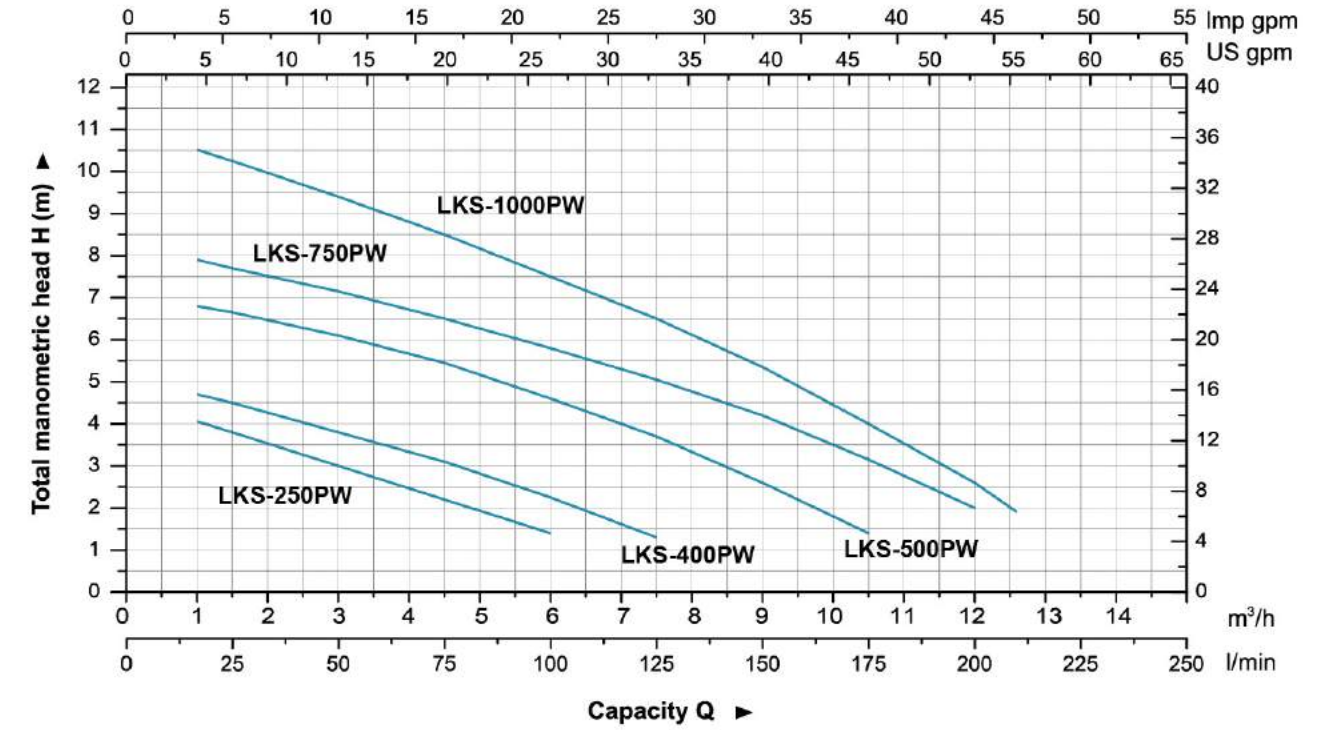
Motor

- Motor with aluminum winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IPX8

Identification Codes



Hydraulic Performance Curves

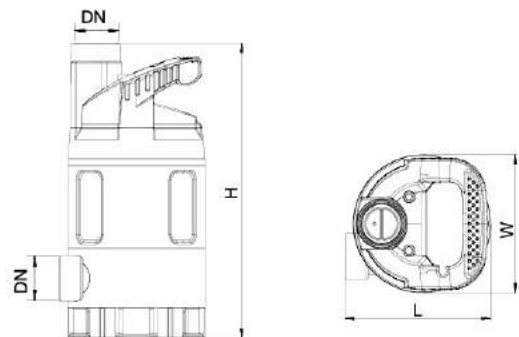
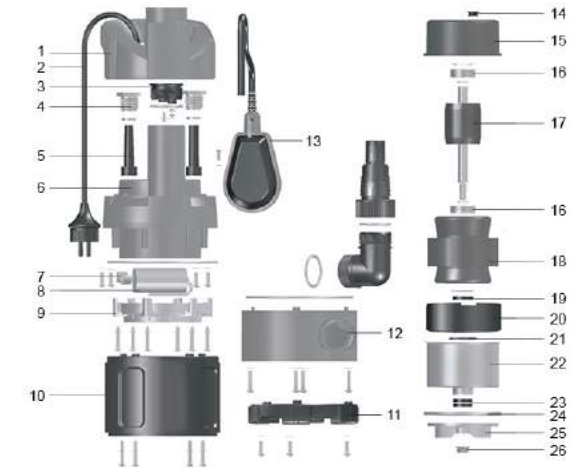


Technical Data

MODEL	POWER		Q (m³/h)	H (m)											
	W	HP		Q (l/min)	0.9	1.5	3	4.5	6	7.5	9	10.5	12	12.6	
LKS-250PW	250	0.3		4.1	3.8	3	2.2	1.4	-	-	-	-	-	-	
LKS-400PW	400	0.5		4.7	4.5	3.8	3.1	2.3	1.3	-	-	-	-	-	
LKS-500PW	500	0.7		6.8	6.7	6.1	5.5	4.6	3.7	2.6	1.4	-	-	-	
LKS-750PW	750	1		7.9	7.7	7.2	6.5	5.8	5.1	4.2	3.2	2	-	-	
LKS-1000PW	1000	1.3		10.6	10.3	9.4	8.4	7.5	6.5	5.4	4.1	2.6	1.9	-	

Materials Table

No.	Part	Material	No.	Part	Material
1	Handle	PP	14	Wire jacket	NBR
2	Cable	Rubber	15	Upper cover	
3	Plug	PP	16	Bearing	
4	Nut	PP	17	Rotor	
5	Cable jacket	EPDM	18	Stator	
6	Roof	PP	19	Lip seal	
7	Capacitor clip	PC/ABS	20	Bearing seat	ZL102
8	Capacitor		21	O-ring	NBR
9	Retainer ring	PP	22	Stator cover	Steel
10	Pump body	PP	23	Lip seal	
11	Base plate	PP	24	O-ring	NBR
12	Base	PP	25	Impeller	PA6
13	Float switch	PP	26	Nut	Stainless steel



Dimension

Model	DN	L (mm)	W (mm)	H (mm)
LKS-250PW	32	157	148	318
LKS-400PW		157	148	318
LKS-500PW		157	148	339
LKS-750PW		157	148	339
LKS-1000PW		157	148	371

Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
LKS-250PW	4.5	210	160	370	2064
LKS-400PW	4.8	210	160	370	2064
LKS-500PW	5.0	210	160	370	2064
LKS-750PW	6.1	210	160	350	2064
LKS-1000PW	7.7	210	160	380	1720





Application

- Can be used to transfer dirty water or other liquids similar to water in physical and chemical properties
- Suitable to be immersed in water for lifting water from the well or the pool, and draining water from the basement.
- Specially applicable for small space where water needs to be pumped.

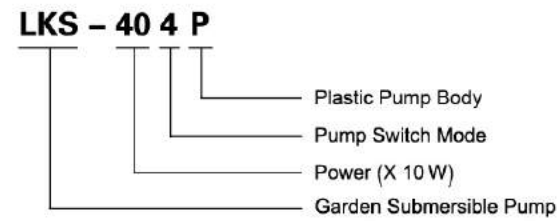
Pump

- Engineering plastic pump body
- Extensive use with two outlets
- Max. liquid temperature: +35°C
- Innovative electronic water sensor switch ensures automatic cut-in and cut-out
- Max. immersion depth: 7 m
- Max. diameter of particle: 5 mm

Motor

- Motor with aluminum winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IPX8

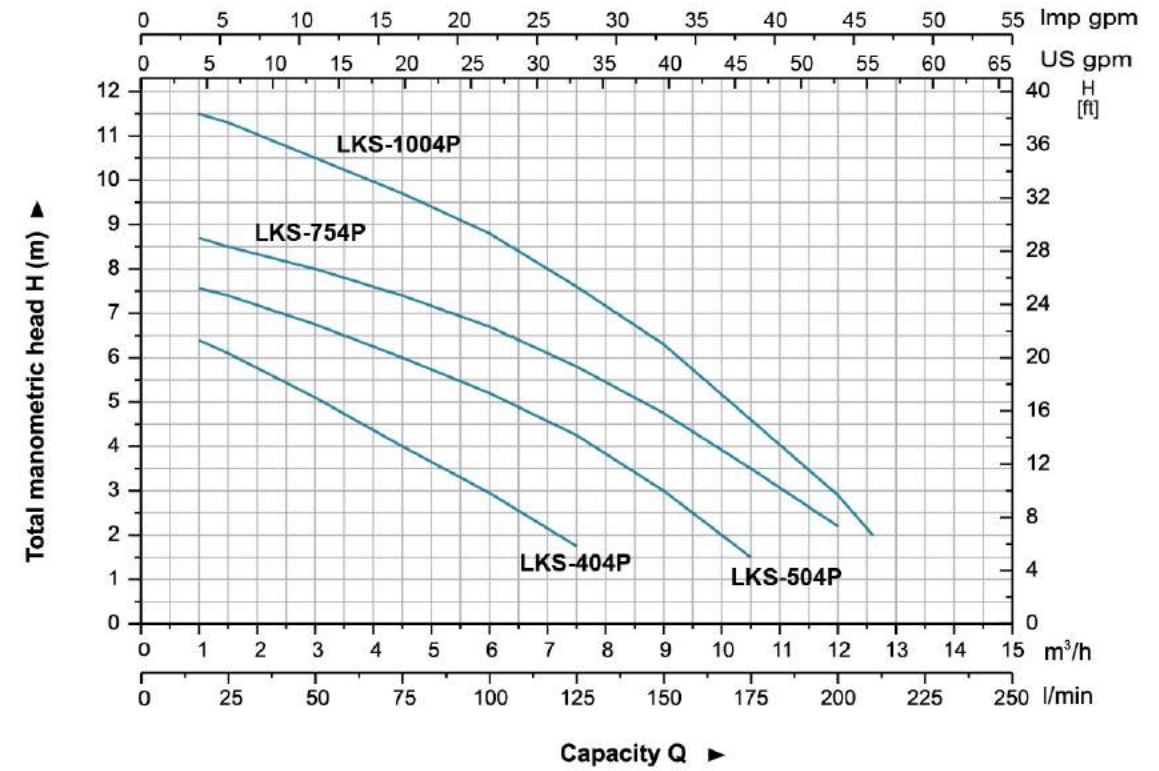
Identification Codes



Technical Data

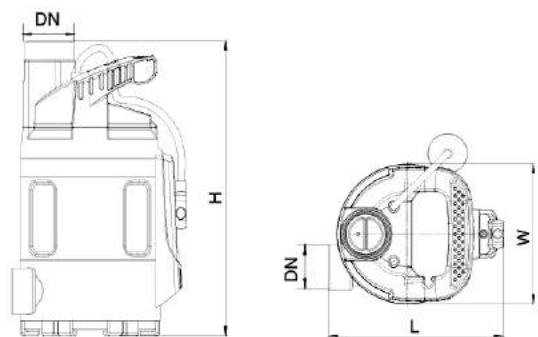
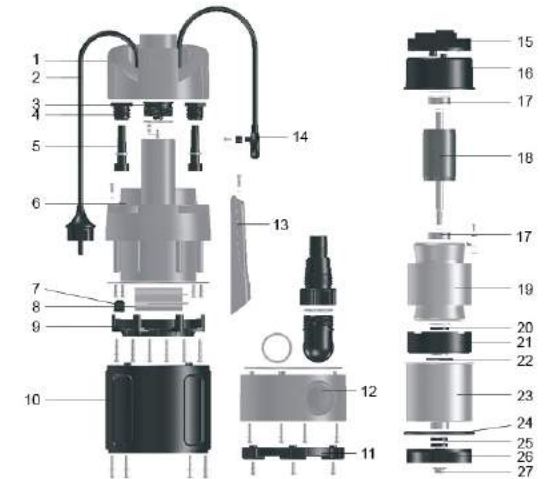
MODEL	POWER		Q (m³/h)	0.9	1.5	3	4.5	6	7.5	9	10.5	12	12.6
	W	HP		Q (l/min)	15	25	50	75	100	125	150	175	200
LKS-404P	400	0.5	H (m)	6.5	6.1	5.1	4	3	1.8	-	-	-	-
LKS-504P	500	0.7		7.6	7.4	6.8	6	5.2	4.3	3	1.5	-	-
LKS-754P	750	1		8.7	8.5	8	7.4	6.7	5.8	4.8	3.5	2.2	-
LKS-1004P	1000	1.3		11.6	11.3	10.5	9.7	8.8	7.6	6.3	4.6	2.9	2

Hydraulic Performance Curves



Materials Table

No.	Part	Material	No.	Part	Material
1	Handle	PP	14	Inductor	
2	Cable	Rubber	15	Controller	
3	Plug	PP	16	Upper cover	
4	Nut	PP	17	Bearing	
5	Cable jacket	EPDM	18	Rotor	
6	Roof	PP	19	Stator	
7	Capacitor clip	PC/ABS	20	Lip seal	
8	Capacitor		21	Bearing seat	ZL102
9	Retainer ring	PP	22	O-ring	NBR
10	Pump body	PP	23	Stator cover	Steel
11	Base plate	PP	24	Lip seal	
12	Base	PP	25	O-ring	NBR
13	Inductor cover	PP	26	Impeller	PA6
			27	Nut	Stainless steel



Dimension

Model	DN	L (mm)	W (mm)	H (mm)
LKS-404P	32	157	148	311
LKS-504P		157	148	332
LKS-754P		157	148	332
LKS-1004P		187	148	364

Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
LKS-404P	4.8	210	160	340	2064
LKS-504P	5.4	210	160	340	2064
LKS-754P	6.2	210	160	340	2064
LKS-1004P	7	210	160	370	1720





Application

- This pump is mainly used for use in traditional wells, water deposits and collection tanks. Also suitable for small scale irrigation systems.

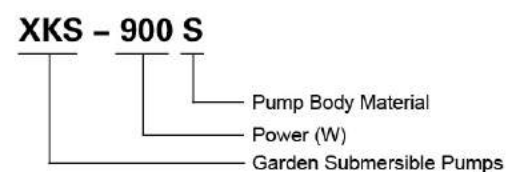
Pump

- AISI 304 pump body
- Very high head with multistage-impeller design
- Max. liquid temperature: +35°C
- Max. immersion depth: 7 m
- Max. diameter of particle: 1 mm

Motor

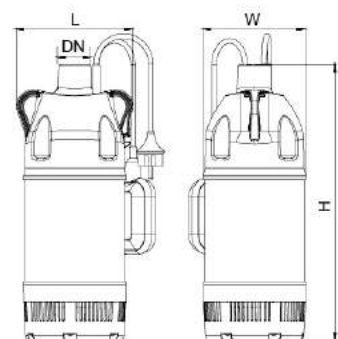
- Motor with aluminum winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IPX8

Identification Codes



Technical Data

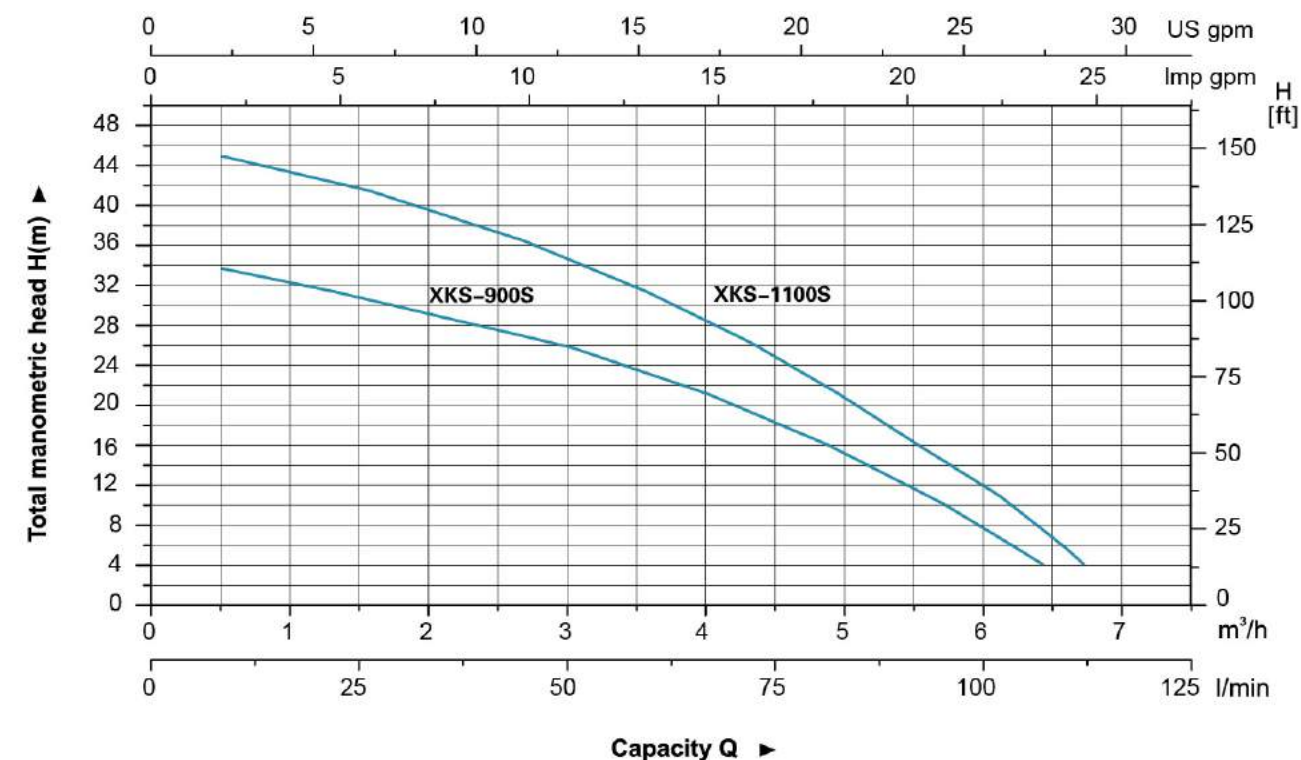
MODEL	POWER (P ₂)		Q (m ³ /h)	Q (l/min)															
	W	HP		0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5			
XKS-900S	900	1.2	H (m)	8.3	16.7	25	33.3	41.7	50	58.3	66.7	75	83.3	91.7	100	108.3			
XKS-1100S	1100	1.5		34	32	31	29	27.5	266	23.5	21	18	15	12	8	3.5			
				45	43	42	39	37	35	32	29	25	21	16.1	12	7			



Dimension

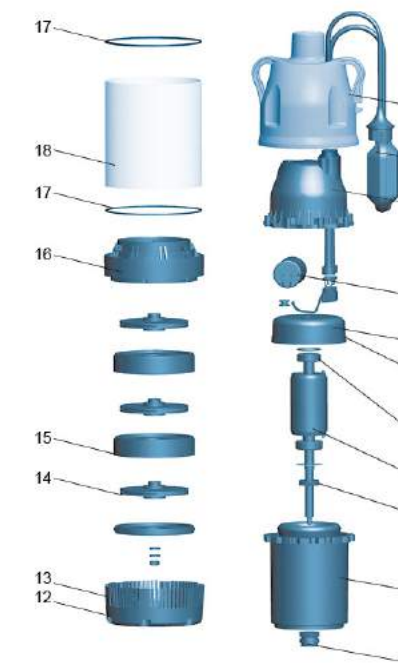
Model	DN	L (mm)	W (mm)	H (mm)
XKS-900S	25	170	150	404
XKS-1100S		170	150	428

Hydraulic Performance Curve



Materials Table

No.	Part	Material
1	Pump cover	PP
2	Float switch	
3	Cover	PP
4	Capacitor	
5	Upper plate	ZL102
6	O-ring	NBR
7	Bearing	
8	Rotor	
9	Oil seal	
10	Stator	
11	Mechanical seal	Carbon/ceramic
12	Base	PA66
13	Filter screen	AISI 304
14	Impeller	PPO
15	Discharge cover	PPO
16	Diffuser	PPO
17	Seal ring	NBR
18	Pump body	AISI 304



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
XKS-900S	9.9	245	190	455	1380
XKS-1100S	11	245	190	480	1104



Application

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

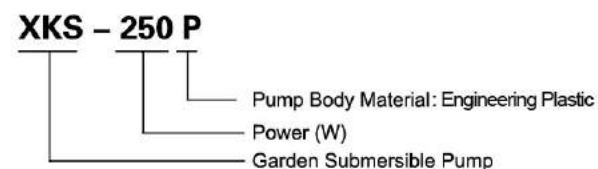
Pump

- Engineering 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: 5 mm

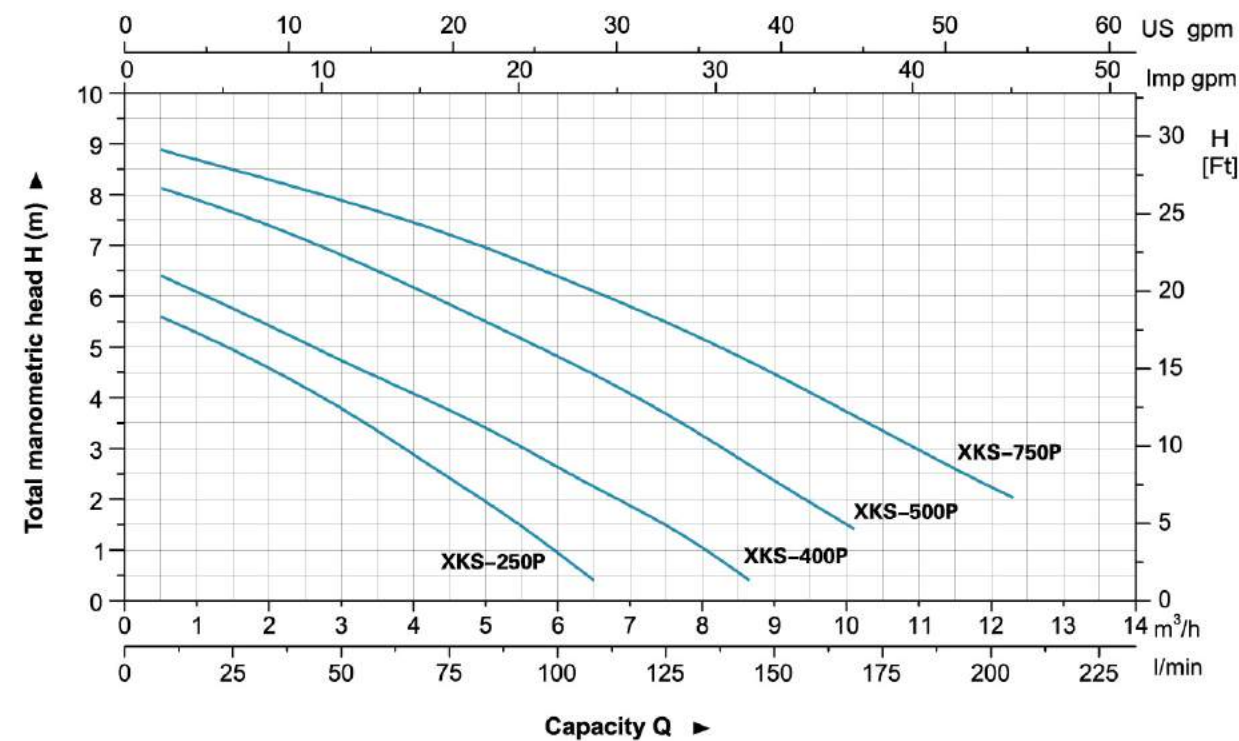
Motor

- Motor with aluminum winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IPX8

Identification Codes

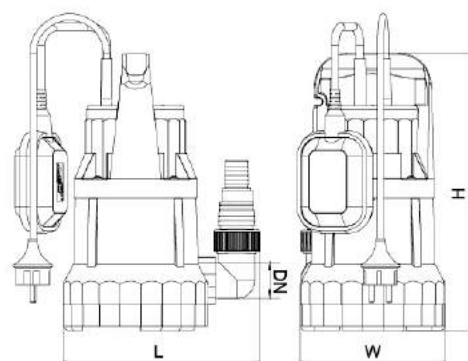


Hydraulic Performance Curves



Technical Data

MODEL	POWER		Q (m³/h)	H (m)											
	W	HP		Q (l/min)	0	1.5	3	4.5	6	7.5	9	10.5			
XKS-250P	250	0.3		5.8	5	3.8	2.4	-	-	-	-	-	-	-	-
XKS-400P	400	0.5		6.5	5.8	4.7	3.7	2.6	1.5	-	-	-	-	-	-
XKS-500P	500	0.7		7.6	7.6	6.8	5.7	4.7	3.6	2.3	-	-	-	-	-
XKS-750P	750	1		8.7	8.5	7.7	7.2	6.2	5.5	4.5	3.2	-	-	-	-

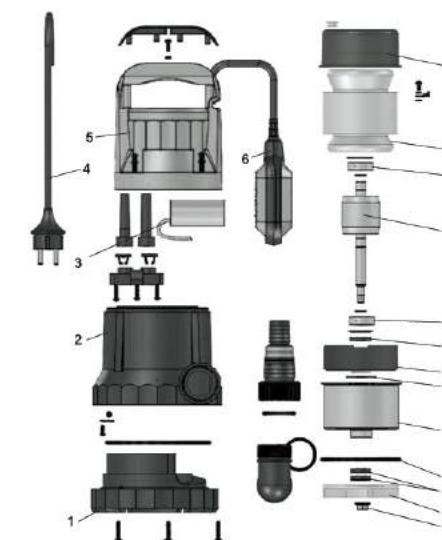


Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XKS-250P	32	213	158	300.5
XKS-400P		213	158	300.5
XKS-500P		213	158	300.5
XKS-750P	40	213	158	317.5

Materials Table

Pos.	Part	Material
1	Pump base	PP
2	Pump body	PP
3	Capacitor	
4	Cable	
5	Roof	PP
6	Float switch	
7	Upper cover	
8	Stator	
9	Bearing	
10	Rotor	
11	Lip seal	
12	Bearing seat	DMC
13	O-ring	NBR
14	Stator shield	Steel
15	O-ring	NBR
16	Lip seal	
17	Impeller	PA6
18	Nut	AISI 304



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
XKS-250P	4.8	210	160	340	2064
XKS-400P	5.1	210	160	330	2064
XKS-500P	5.5	210	160	340	2064
XKS-750P	6.0	210	160	340	2064





Application

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

Pump

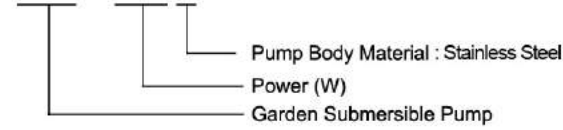
- Stainless steel pump body
- Float switch ensures automatic cut-in and cut-out
- Max. liquid temperature: +35°C
- Max. immersion depth: 7 m
- Max. diameter of particle: 5 mm

Motor

- Motor with aluminum winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IPX8

Identification Codes

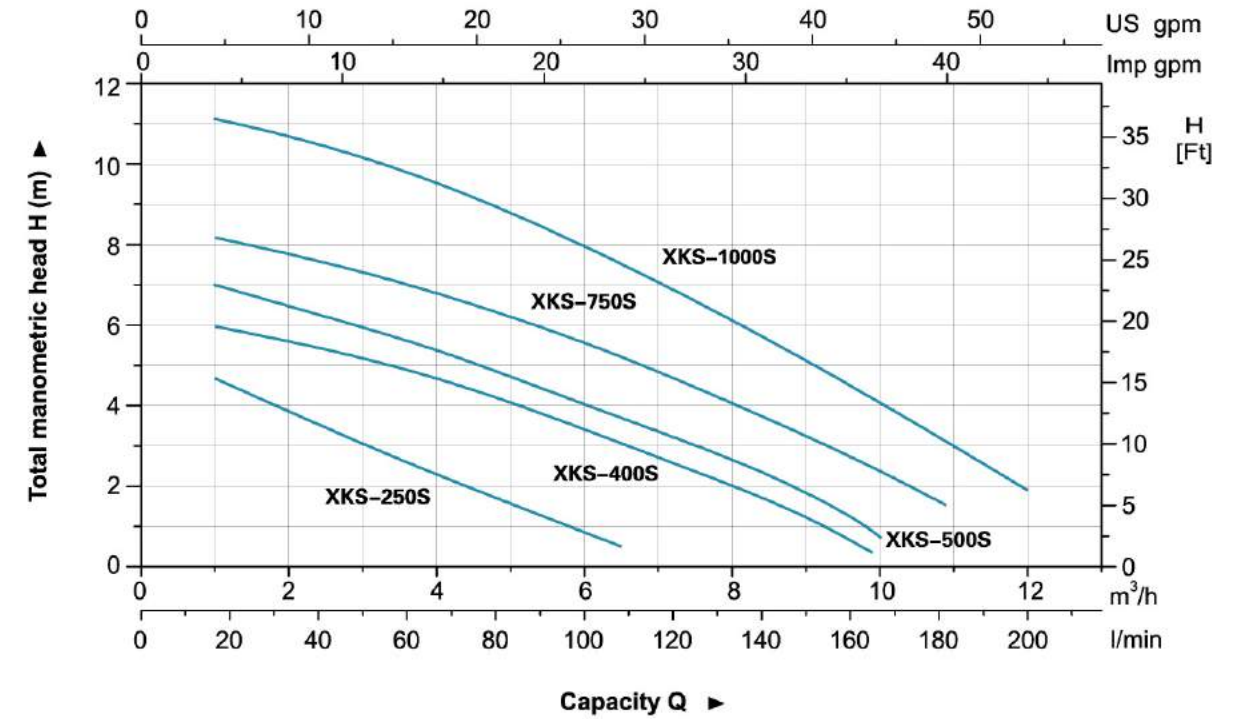
XKS - 250 S



Technical Data

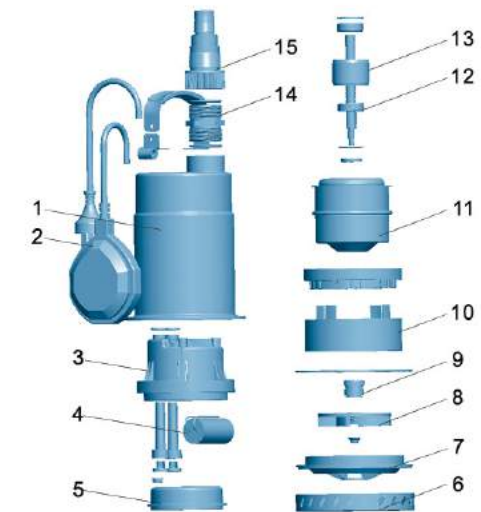
MODEL	POWER		Q (m³/h)	Q (l/min)	H (m)					
	W	HP			0	2	4	6	8	10
XKS-250S	250	0.3	H (m)	0	33	67	100	133	167	200
XKS-400S	400	0.5		5.5	3.8	2.3	-	-	-	-
XKS-500S	500	0.7		6.3	5.5	4.5	3	2	-	-
XKS-750S	750	1		7.5	8.5	5.3	4	2.5	-	-
XKS-1000S	1000	1.3		8.5	7.8	6.8	5.5	4	2.3	-
				11.5	10.6	9.5	8	6	4	1.9

Hydraulic Performance Curves



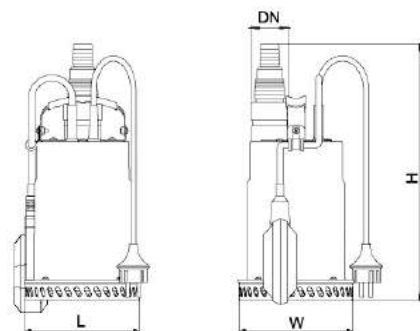
Materials Table

No.	Part	Material
1	Pump cover	AISI 304
2	Float switch	
3	Upper cover	PP
4	Capacitor	
5	Upper plate	ZL102
6	Pump base	AISI 304
7	Diffuser	PP
8	Impeller	PPO
9	Mechanical seal	Carbon/Ceramic
10	Pump support	ABS
11	Stator	
12	Ball bearing	
13	Rotor	
14	Connector	PP
15	Connector	PP



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
XKS-250S	4.8	200	150	300	2632
XKS-400S	5.2	200	150	300	2632
XKS-500S	6.2	200	150	300	2632
XKS-750S	7.8	205	155	345	2160
XKS-1000S	7	205	155	345	2256



Dimension

Model	DN	L (mm)	W (mm)	H (mm)
XKS-250S	32	151	151	323
XKS-400S		151	151	323
XKS-500S		151	151	331
XKS-750S		151	151	347
XKS-1000S		151	151	326



Application

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

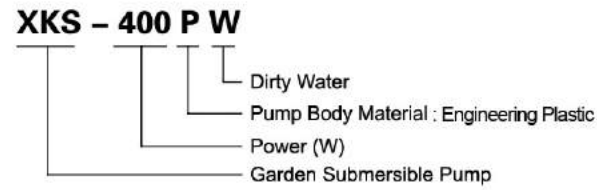
Pump

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

Motor

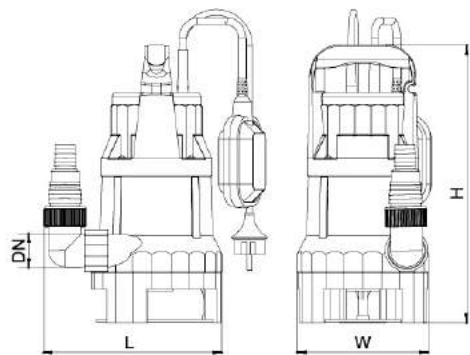
- Motor with aluminum winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IPX8

Identification Codes



Technical Data

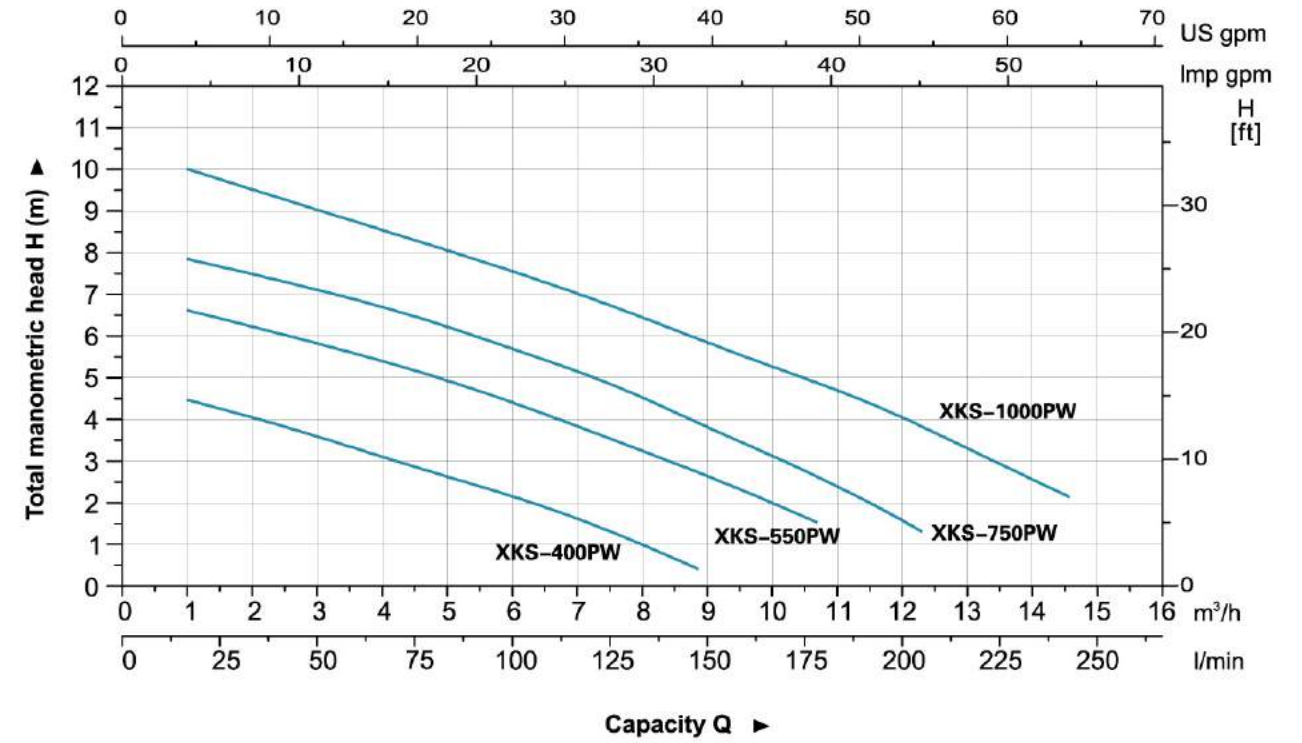
MODEL	POWER		Q (m³/h)	H (m)												
	W	HP		0	1.5	3	4.5	6	7.5	9	10.5	12	13.5			
XKS-400PW	400	0.5	4.8	4.3	3.5	2.8	2	1.3	-	-	-	-	-	-		
XKS-550PW	550	0.7	7	6.4	5.7	5.2	4.5	3.5	2.5	1.5	-	-	-	-		
XKS-750PW	750	1	8.2	7.5	7	6.5	5.8	4.8	3.8	2.8	1.5	-	-	-		
XKS-1000PW	1000	1.3	10.5	9.7	9	8.3	7.5	6.7	5.8	5	4	3	-	-		



Dimension

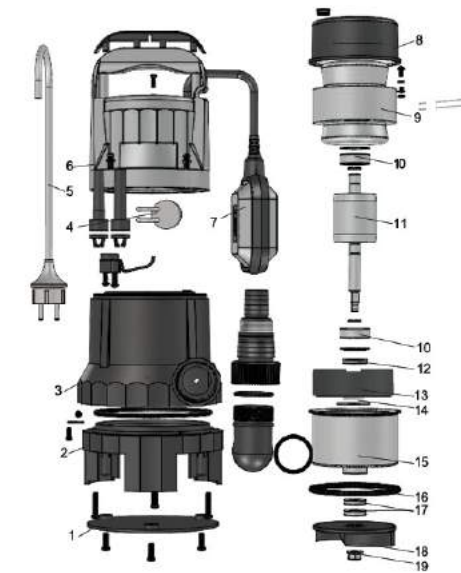
Model	DN	L (mm)	W (mm)	H (mm)
XKS-400PW	32	213	158	332
XKS-550PW	32	213	158	349
XKS-750PW	40	213	158	349
XKS-1000PW		217	153	376

Hydraulic Performance Curves



Materials Table

Pos.	Part	Material
1	Base plate	PP
2	Pump base	PP
3	Pump body	PP
4	Capacitor	
5	Cable	
6	Roof	PP
7	Float switch	
8	Upper cover	
9	Stator	
10	Bearing	
11	Rotor	
12	Lip seal	
13	Bearing seat	DMC
14	O-ring	NBR
15	Stator shield	Steel
16	O-ring	NBR
17	Lip seal	
18	Impeller	PA6
19	Nut	AISI 304



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
XKS-400PW	4.8	200	150	300	2632
XKS-550PW	5.2	200	150	300	2632
XKS-750PW	6.2	200	150	300	2632
XKS-1000PW	7.8	205	155	345	2160



Stainless Steel Garden Submersible Pump



Application

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

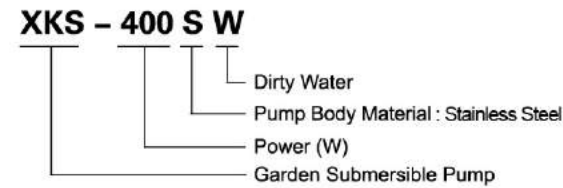
Pump

- Stainless steel 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: 35 mm

Motor

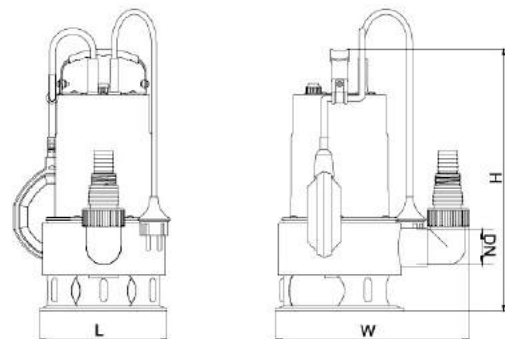
- Motor with aluminum winding
- Built-in thermal protector
- Insulation class: F
- Protection class: IPX8

Identification Codes



Technical Data

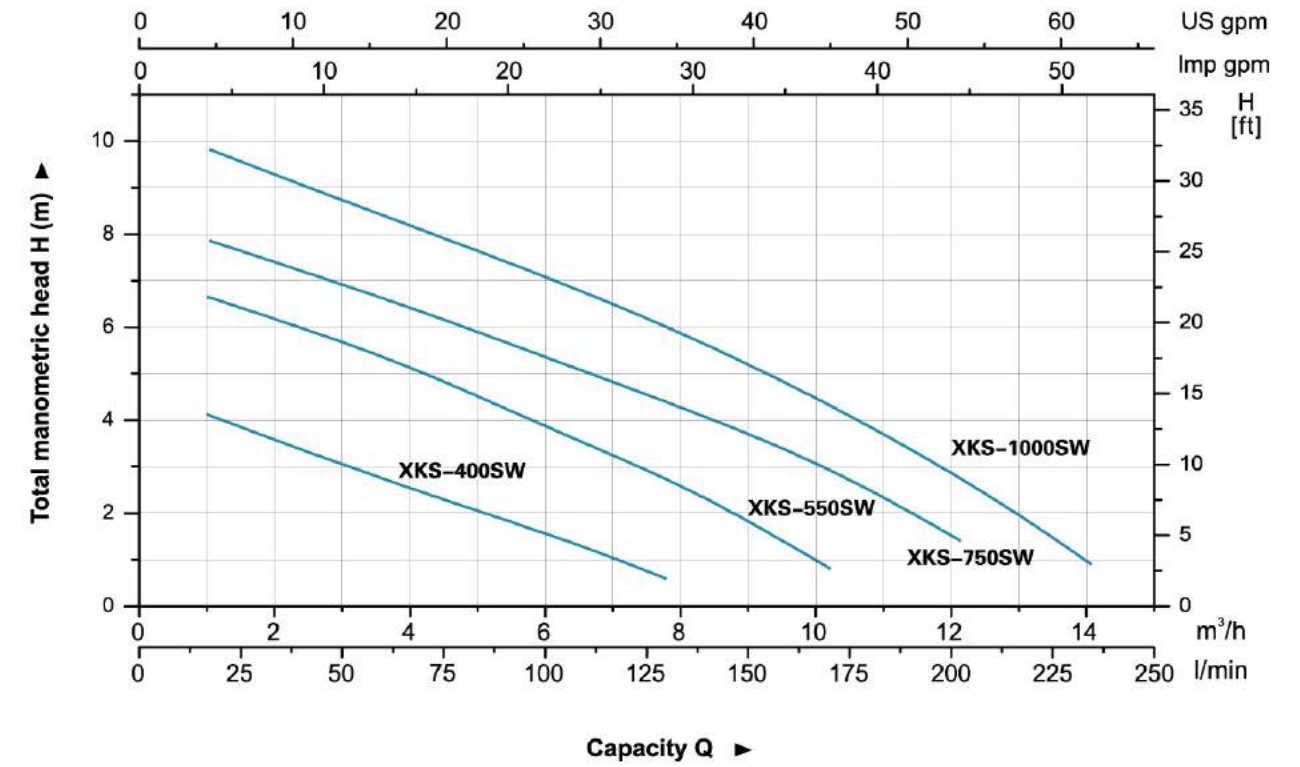
MODEL	POWER		Q (m³/h)	0	2	4	6	8	10	12
	W	HP								
XKS-400SW	400	0.5	H (m)	4.7	3.5	2.5	1.5	-	-	-
XKS-550SW	550	0.7		7	6.2	5.1	3.8	2.5	-	-
XKS-750SW	750	1		8.3	7.3	6.3	5.2	4.2	2.5	-
XKS-1000SW	1000	1.3		10.3	9.3	8.2	7	5.8	4.5	2.8
				0	33	67	100	133	167	200



Dimension

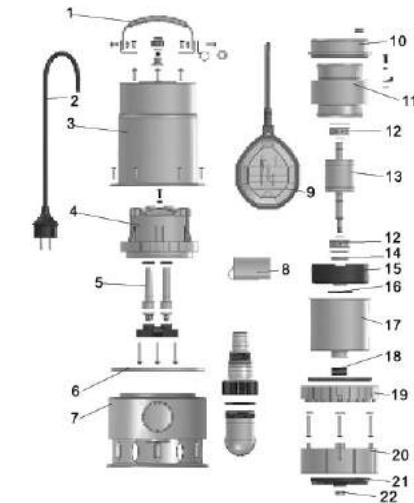
Model	DN	L (mm)	W (mm)	H (mm)
XKS-400SW	40	165	248	340
XKS-550SW		165	248	340
XKS-750SW		165	248	351
XKS-1000SW		165	248	370

Hydraulic Performance Curves



Materials Table

Pos.	Part	Material	Pos.	Part	Material
1	Handle	AISI 304	16	O-ring	NBR
2	Cable	Rubber	17	Canister	Stainless
3	Pump body	AISI 304	18	Lip seal	
4	Roof	PP	19	Retainer ring	PP
5	Jacket	NBR	20	Pump support	ABS
6	O-ring	NBR	21	Impeller	PA6
7	Pump body	AISI 304	22	Nut	AISI 304
8	Capacitor				
9	Float switch	PP			
10	Upper cover				
11	Stator				
12	Bearing				
13	Rotor				
14	Lip seal				
15	Bearing base	MPPO			



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
XKS-400SW	5.7	210	165	350	1968
XKS-550SW	6.4	210	165	350	1968
XKS-750SW	7	210	165	350	1968
XKS-1000SW	8.6	215	170	355	1888





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for water supply and drainage in garden irrigation, greenhouses, fish breeding and poultry raising. The pump also can be used for domestic automatic water supply places, such as lifting water from a deep well, pressure boosting of running water, etc.

Pump

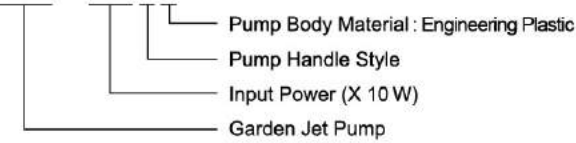
- Unique ergonomic design
- Max. fluid temperature: +35°C
- Max. suction: +8 m

Motor

- C&U bearing
- Built-in thermal protector
- Aluminum winding
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

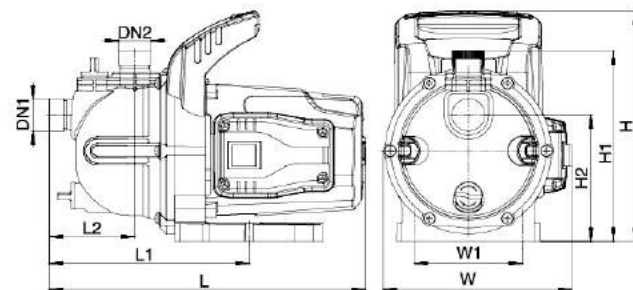
Identification Codes

LKJ - 80 1 P



Technical Data

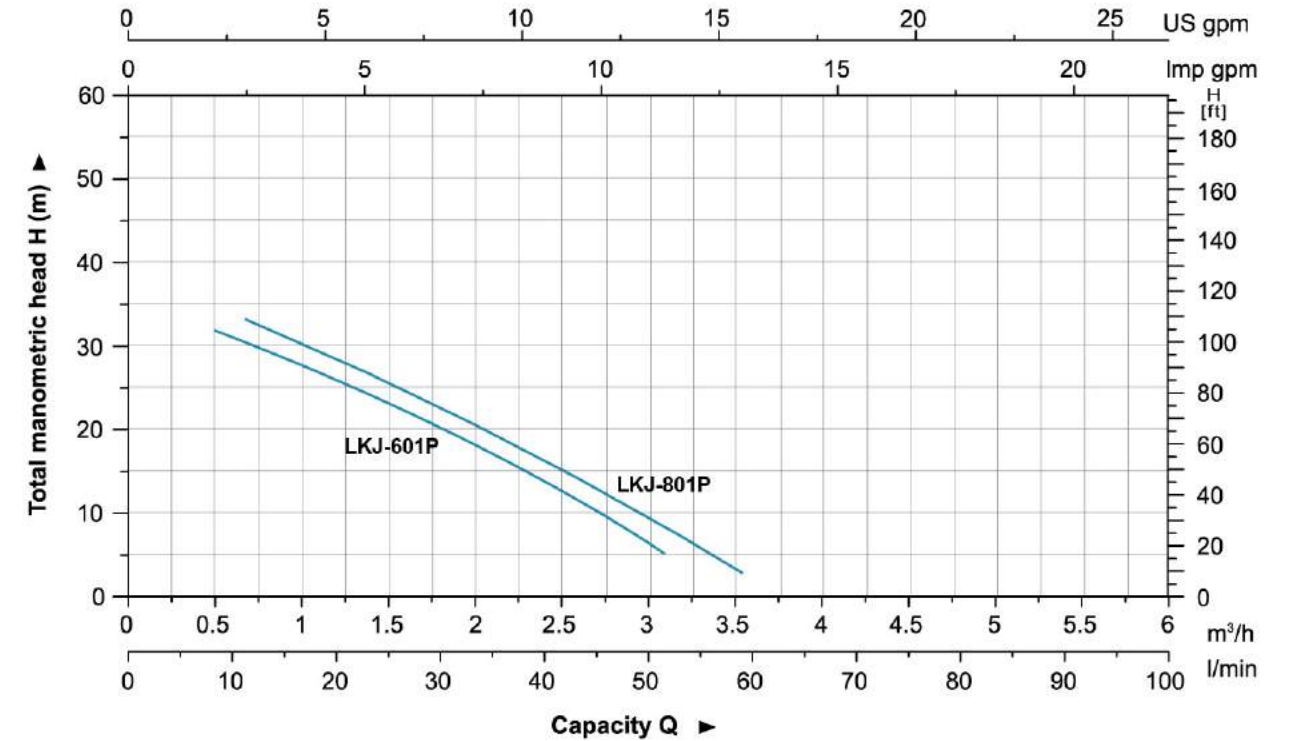
MODEL	POWER (P ₂)		Q (m ³ /h)	Q (l/min)											
	W	HP		0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	
LKJ-601P	600	0.8	H (m)	30	28	25.5	20	14	8	-	-	-	-	-	
LKJ-801P	800	1.1		39	34.5	29	23	16.5	9.5	-	-	-	-	-	



Dimension

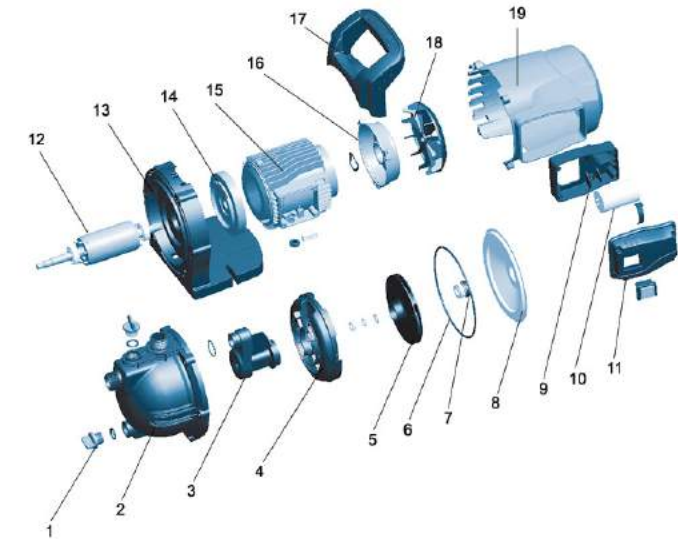
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)	H2 (mm)
LKJ-601P	1"	1"	350	210	255.5	221.5	94.5	120	211	140.5
LKJ-801P	1"	1"	350	210	255.5	221.5	94.5	120	211	140.5

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Drain plug	PP
2	Pump body	PP
3	Enjector	PPO
4	Diffuser	PPO
5	Impeller	PPO
6	O-ring	NBR
7	Mechanical seal	Carbon/Ceramic
8	Bracket cover	AISI 304
9	Terminal board	ABS
10	Capacitor	
11	Switch cover	ABS
12	Rotor	
13	Motor flange	PP
14	Front plate	ZL102
15	Stator	
16	Rear cover	ZL102
17	Handle	PP
18	Fan	PP
19	Fan cover	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity		
					20'/pcs	40'/pcs	40H'/pcs
LKJ-601P	6.8	375	230	280	1232	2512	2826
LKJ-801P	7.5	375	230	280	1232	2512	2826





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for water supply and drainage in garden irrigation, greenhouses, fish breeding and poultry raising. The pump also can be used for domestic automatic water supply places, such as lifting water from a deep well, pressure boosting of running water, etc.

Pump

- Unique ergonomic design
- Max. fluid temperature: +35°C
- Max. suction: +8 m

Motor

- C&U bearing
- Built-in thermal protector
- Aluminum winding
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

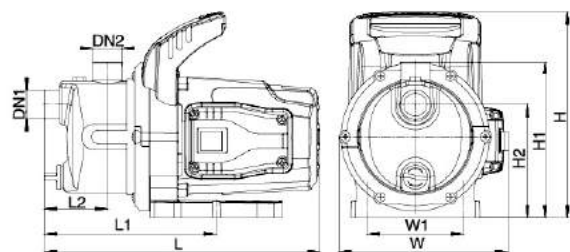
Identification Codes

LKJ - 80 1 S



Technical Data

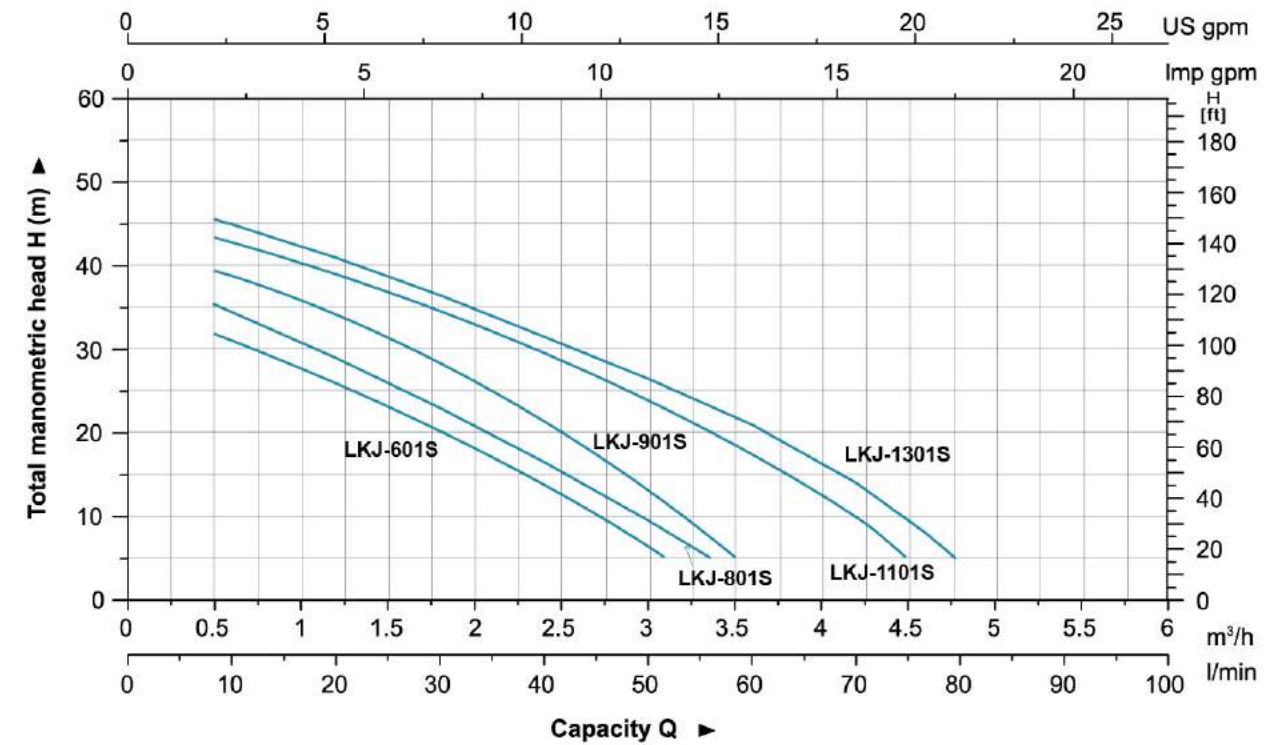
MODEL	POWER (P ₂)		Q (m ³ /h)	Q (l/min)											
	W	HP		0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	
LKJ-601S	600	0.8	30	28	25.5	20	14	8	-	-	-	-	-	-	
LKJ-801S	800	1.1	39	34.5	29	23	16.5	9.5	-	-	-	-	-	-	
LKJ-901S	900	1.2	43	39	34	28	21	12.5	3	-	-	-	-	-	
LKJ-1101S	1100	1.5	46	43	39	35	30	24	17	8	-	-	-	-	
LKJ-1301S	1300	1.75	48	45	41	36.5	31.5	26.5	21	14	8	-	-	-	



Dimension

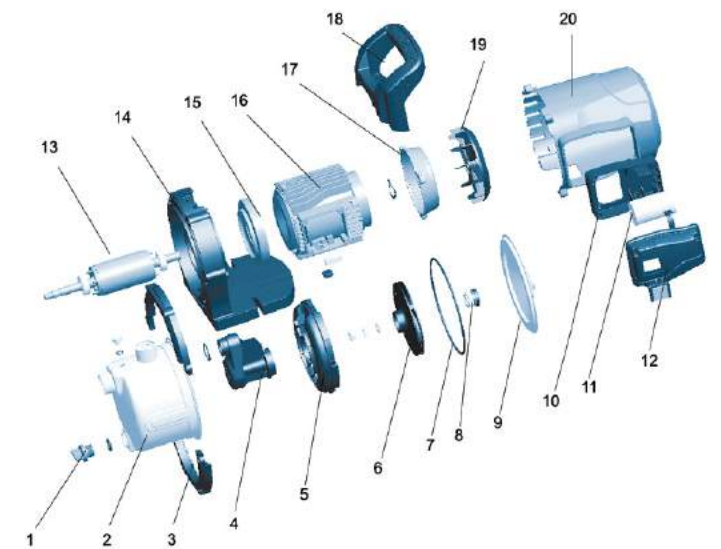
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)	H2 (mm)
LKJ-601S	1"	1"	342.5	210	255.5	221.5	78.5	120	193.5	140.5
LKJ-801S	1"	1"	342.5	210	255.5	221.5	78.5	120	193.5	140.5
LKJ-901S	1"	1"	369.5	243.5	284	233.5	87.5	120	215	165
LKJ-1101S	1"	1"	369.5	243.5	284	233.5	87.5	120	215	165
LKJ-1301S	1"	1"	369.5	243.5	284	233.5	87.5	120	215	165

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Drain plug	PP
2	Pump body	AISI 304
3	Holder	PP
4	Enjector	PPO
5	Diffuser	PPO
6	Impeller	PPO
7	O-ring	NBR
8	Mechanical seal	Carbon/Ceramic
9	Bracket cover	AISI 304
10	Terminal board	ABS
11	Capacitor	
12	Switch cover	ABS
13	Rotor	
14	Motor flange	PP
15	Front plate	ZL102
16	Stator	
17	Rear cover	ZL102
18	Handle	PP
19	Fan	PP
20	Fan cover	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity		
					20'/pcs	40'/pcs	40H'/pcs
LKJ-601S	6.9	375	230	280	1232	2512	2826
LKJ-801S	7.7	375	230	280	1232	2512	2826
LKJ-901S	9.2	395	260	320	868	1778	2032
LKJ-1101S	10.2	395	260	320	868	1778	2032
LKJ-1301S	10.6	395	260	320	868	1778	2032





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Fully automatic water supply in house and garden

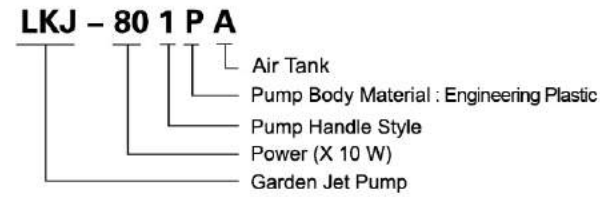
Pump

- Unique ergonomic design
- Max. fluid temperature: +35°C
- Max. suction: +8 m

Motor

- C&U bearing
- Built-in thermal protector
- Aluminum winding
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

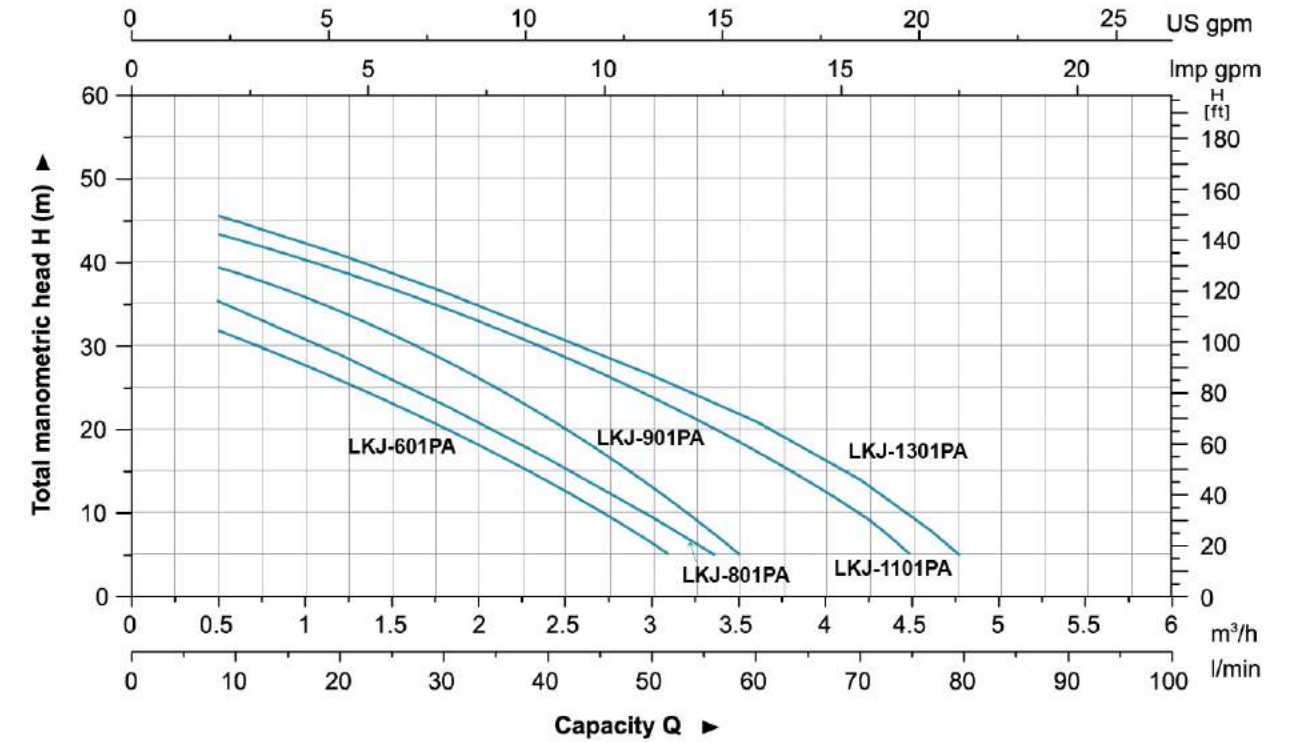
Identification Codes



Technical Data

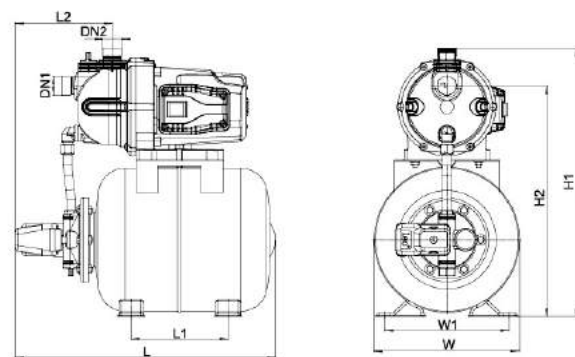
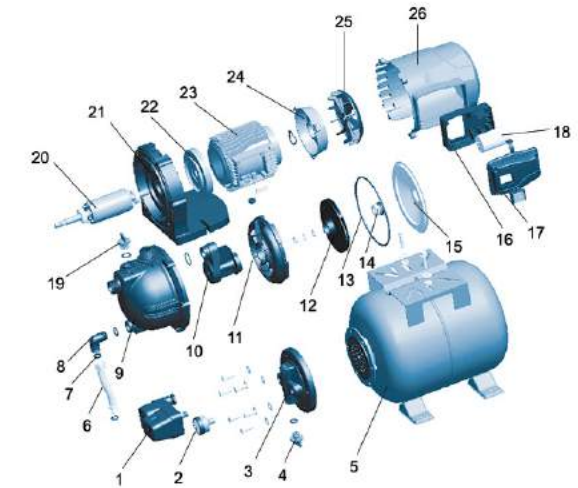
MODEL	POWER (P ₂)		Q (m ³ /h)																				
	W	HP	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	0	10	20	30	40	50	60	70	80	90
LKJ-601PA	600	0.8	H (m)																				
LKJ-801PA	800	1.1																					
LKJ-901PA	900	1.2																					
LKJ-1101PA	1100	1.5																					
LKJ-1301PA	1300	1.75																					

Hydraulic Performance Curves



Materials Table

No.	Part	Material	No.	Part	Material
1	Pressure switch		14	Mechanical seal	Carbon/Ceramic
2	Pressure gauge		15	Bracket cover	AISI 304
3	Tank cover	PA6	16	Terminal board	ABS
4	Drain plug	PP	17	Switch cover	ABS
5	Tank	08F	18	Capacitor	
6	Flexible hose		19	Plug	PP
7	Seal washer	NBR	20	Rotor	
8	Elbow connector	ABS	21	Motor flange	PP
9	Pump body	PP	22	Front plate	ZL102
10	Injector	PPO	23	Stator	
11	Diffuser	PPO	24	Rear cover	ZL102
12	Impeller	PPO	25	Fan	PP
13	O-ring	NBR	26	Motor cover	ABS



Dimension

Model	DN1	DN2	L (mm)	W (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)	H2 (mm)
LKJ-601PA	1"	1"	488	275	183	186	233	506	435.5
LKJ-801PA			488	275	183	186	233	506	435.5
LKJ-901PA			488	275	183	186	233	526.5	460
LKJ-1101PA			488	275	183	186	233	526.5	460
LKJ-1301PA			488	275	183	186	233	526.5	460

Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity		
					20'/pcs	40'/pcs	40H'/pcs
LKJ-601PA	13.2	565	303	540	260	524	524
LKJ-801PA	14.1	565	303	540	260	524	524
LKJ-901PA	15.1	565	303	555	252	509	509
LKJ-1101PA	16.1	565	303	555	252	509	509
LKJ-1301PA	16.4	565	303	555	252	509	509





Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Fully automatic water supply in house and garden

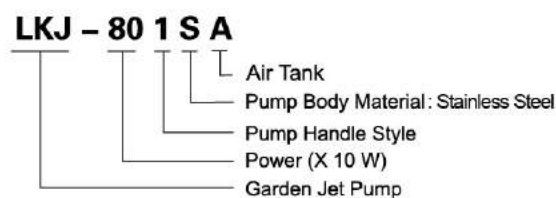
Pump

- Unique ergonomic design
- Max. fluid temperature: +35°C
- Max. suction: +8 m

Motor

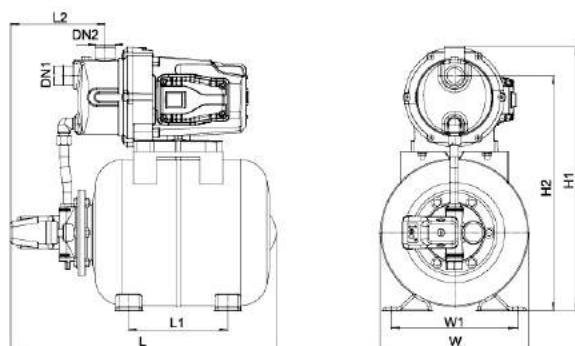
- C&U bearing
- Built-in thermal protector
- Aluminum winding
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperature: +40°C

Identification Codes



Technical Data

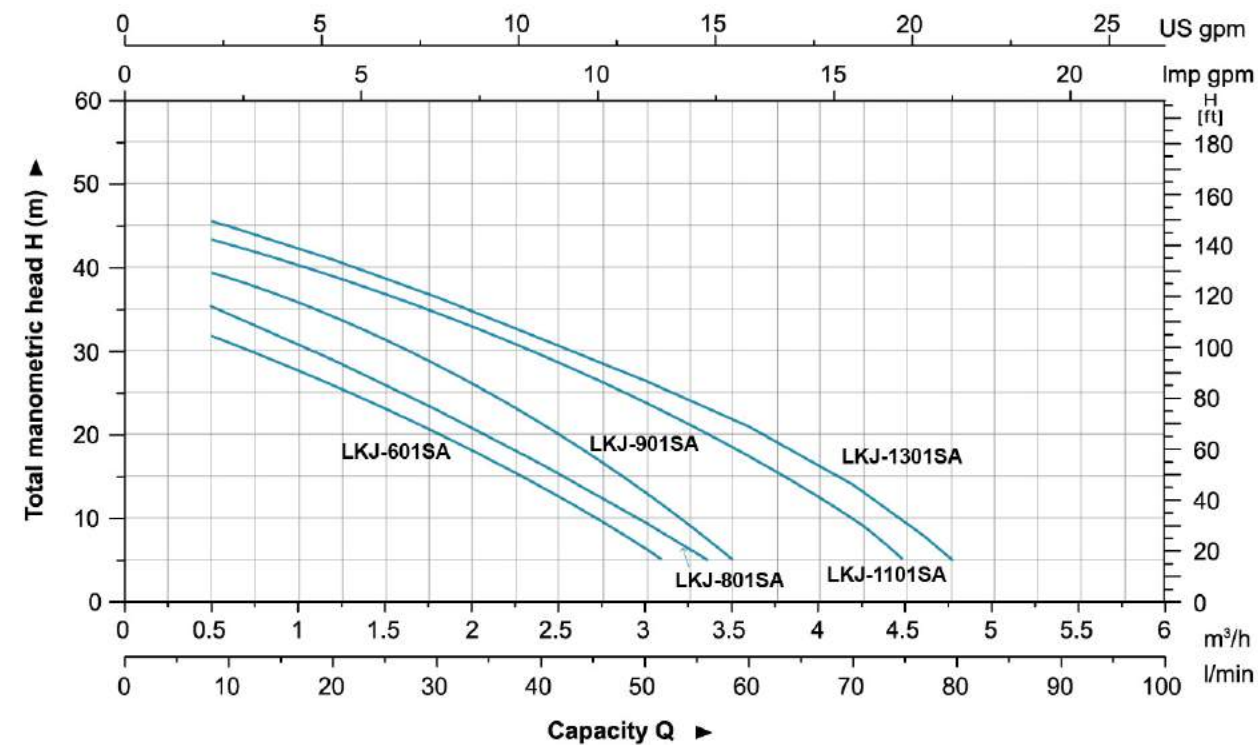
MODEL	POWER (P ₂)		Q (m ³ /h)												
	W	HP	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6		
LKJ-601SA	600	0.8	30	28	25.5	20	14	8	-	-	-	-	-		
LKJ-801SA	800	1.1	39	34.5	29	23	16.5	9.5	-	-	-	-	-		
LKJ-901SA	900	1.2	43	39	34	28	21	12.5	3	-	-	-	-		
LKJ-1101SA	1100	1.5	46	43	39	35	30	24	17	8	-	-	-		
LKJ-1301SA	1300	1.75	48	45	41	36.5	31.5	26.5	21	14	8	-	-		



Dimension

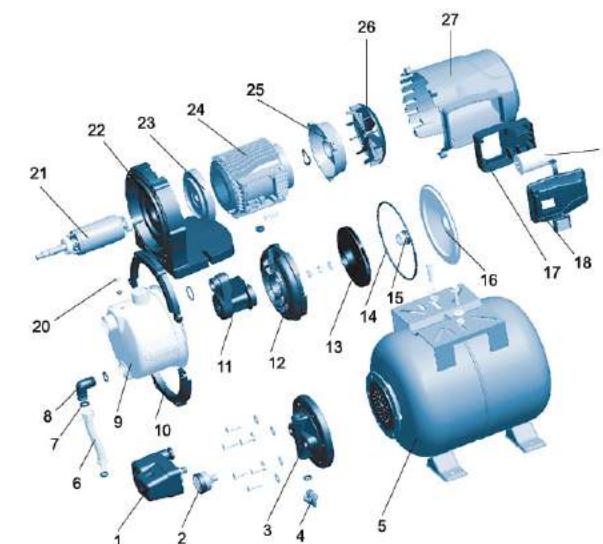
Model	DN1	DN2	L (mm)	W (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)	H2 (mm)
LKJ-601SA	1"	1"	488	275	183	178	233	488.5	435.5
LKJ-801SA	1"	1"	488	275	183	178	233	488.5	435.5
LKJ-901SA	1"	1"	488	275	183	178	233	510	460
LKJ-1101SA	1"	1"	488	275	183	178	233	510	460
LKJ-1301SA	1"	1"	488	275	183	178	233	510	460

Hydraulic Performance Curves



Materials Table

No.	Part	Material	No.	Part	Material
1	Pressure switch		15	Mechanical seal	Carbon/Ceramic
2	Pressure gauge		16	Bracket cover	AISI 304
3	Tank cover	PA6	17	Terminal board	ABS
4	Drain plug	PP	18	Switch cover	ABS
5	Tank	08F	19	Capacitor	
6	Flexible hose		20	Plug	PP
7	Seal washer	NBR	21	Rotor	
8	Elbow connector	ABS	22	Motor flange	PP
9	Pump body	AISI 304	23	Front plate	ZL102
10	Frisket	PP	24	Stator	
11	Enjector	PPO	25	Rear cover	ZL102
12	Diffuser	PPO	26	Fan	PP
13	Impeller	PPO	27	Motor cover	ABS
14	O-ring	NBR			



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity		
					20'/pcs	40'/pcs	40H'/pcs
LKJ-601SA	13.4	565	303	540	260	524	524
LKJ-801SA	14.3	565	303	540	260	524	524
LKJ-901SA	15.3	565	303	555	252	509	509
LKJ-1101SA	16.3	565	303	555	252	509	509
LKJ-1301SA	16.6	565	303	555	252	509	509





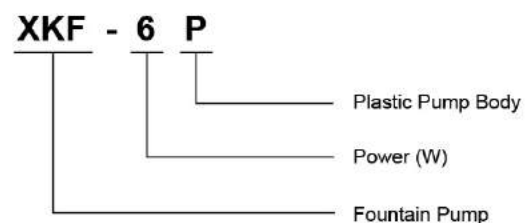
Application

- Filter of the pond water
- Beautiful ornament for the pond
- Oxygen enrichment of the pond water

Features

- Plastic casing
- Small, lightweight, durable and reliable
- Various nozzles available for displaying of cascade, water bell, etc.

Identification Codes



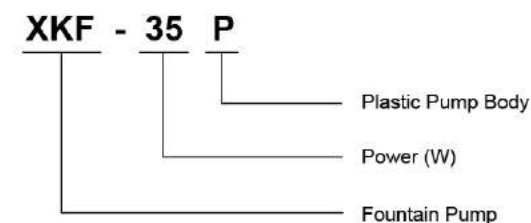
Application

- Filter of the pond water
- Beautiful ornament for the pond
- Oxygen enrichment of the pond water

Features

- Plastic casing
- Small, lightweight, durable and reliable
- Various nozzles available for displaying of cascade, water bell, etc.

Identification Codes



Technical Data

Model	Voltage	Input Power (W)	Max.Head (m)	Max.Flow (L/h)	Outlet (mm)	Cable
XKF-6P	220V-240V&24V/50Hz	6	0.7	380	13	H05RN-F 10m
XKF-15P	220V-240V&24V/50Hz	15	1.0	850	13	H05RN-F 10m
XKF-20P	220V-240V&24V/50Hz	20	1.1	1100	13	H05RN-F 10m

Operating Limits: Fluid temperature up to 35°C; Ambient temperature up to 40°C.

Technical Data

Model	Voltage	Input Power (W)	Max.Head (m)	Max.Flow (L/h)	Outlet (mm)	Cable
XKF-35P	220V-240V&24V/50Hz	35	1.4	1600	19	H05RN-F 10m
XKF-55P	220V-240V&24V/50Hz	55	2.3	2300	19	H05RN-F 10m
XKF-75P	220V-240V&24V/50Hz	75	2.7	2650	19	H05RN-F 10m
XKF-95P	220V-240V&24V/50Hz	95	3.0	3500	19	H05RN-F 10m
XKF-110P	220V-240V&24V/50Hz	110	3.7	3750	19	H05RN-F 10m

Operating Limits: Fluid temperature up to 35°C; Ambient temperature up to 40°C.



Application

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

Operating conditions

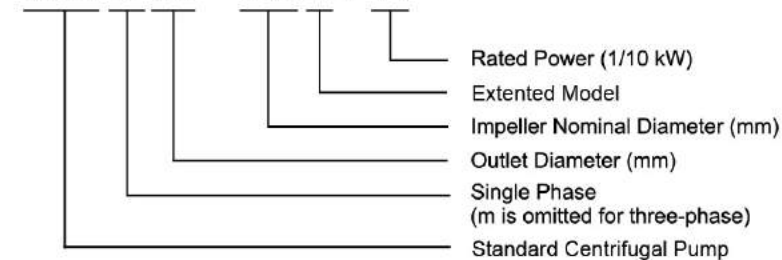
- Delivery: up to 220 m³/h
- Head: up to 95 m
- Liquid temperature:
 - Standard: -10°C to 85°C
- Maximum operating pressure: 12 bar (PN12)
 - Anti-clockwise rotation when facing pump's suction port
- Impeller: AISI304/HT200
- Mechanical seal in compliance with DIN 24960
- Lubricated by internal recirculating pumped liquid
- Counter flange available on request

Motor

- Closed construction, external ventilation
- Insulation class: F
- Protection class: IP54
- Performance in compliance with CEI 2-3 (IEC 34.1)
- Max. ambient temperature: +40°C
- Overload protection

Identification Codes

XST m 32 – 125 K / 11

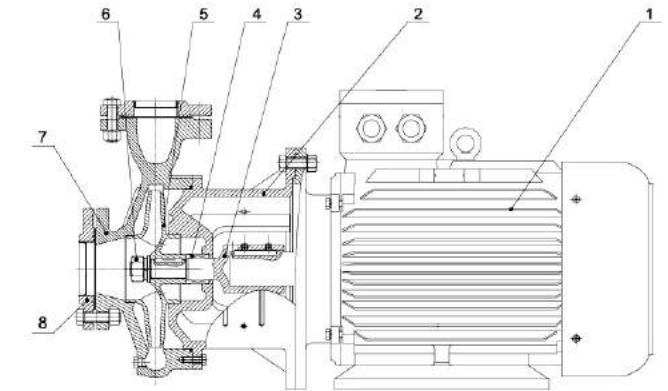


Accessories on Request

- Galvanised iron threaded counter flanges
- Flanged tapered coupling
- Pump and motor sealing gasket

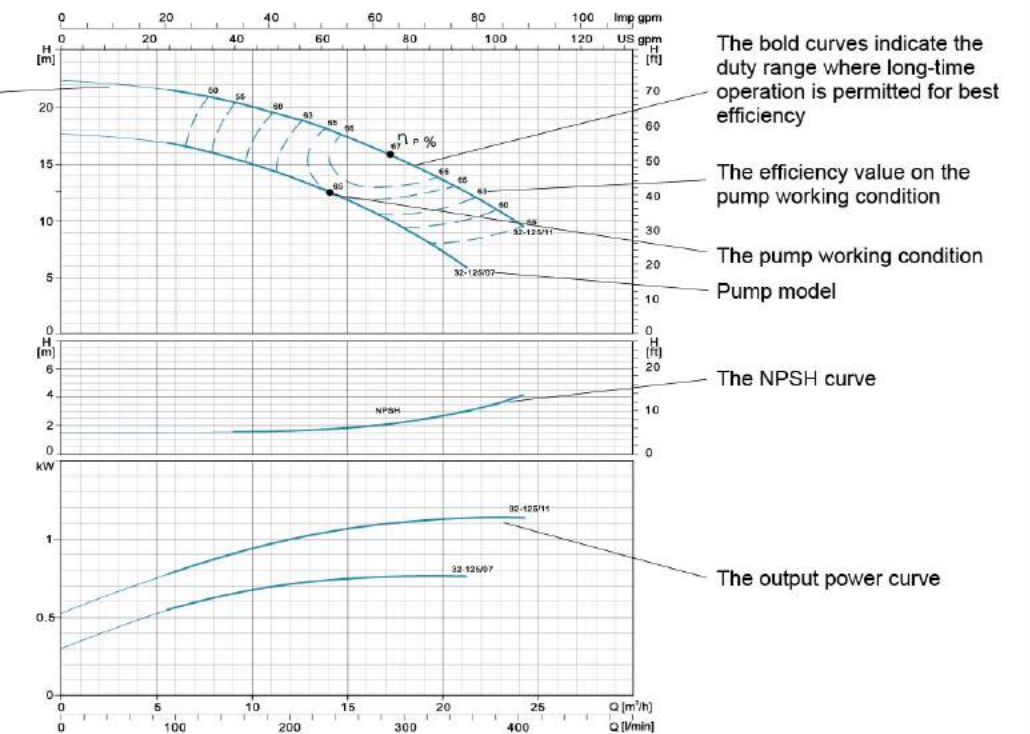
Materials Table

No.	Part	Material
1	Motor	
2	Support	HT 200
3	Pump shaft	Steel/AISI 304
4	Mechanical seal	Carbon/Silicon carbide
5	Impeller	HT 200/Stainless Steel
6	Nut	AISI 304
7	Pump body	HT 200
8	Flange	HT 200



How to Read The Curve Charts

The thin curves indicate the duty range where long-time operation is not allowed



Guidelines to Performance Curves

Tolerances to ISO 9906, Annex A. Measurements have been made with airless water at a temperature of 20°C and kinematic viscosity of 1mm²/s. To avoid overheating of the motor, the pump should not be use against a high head for a long time.

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)

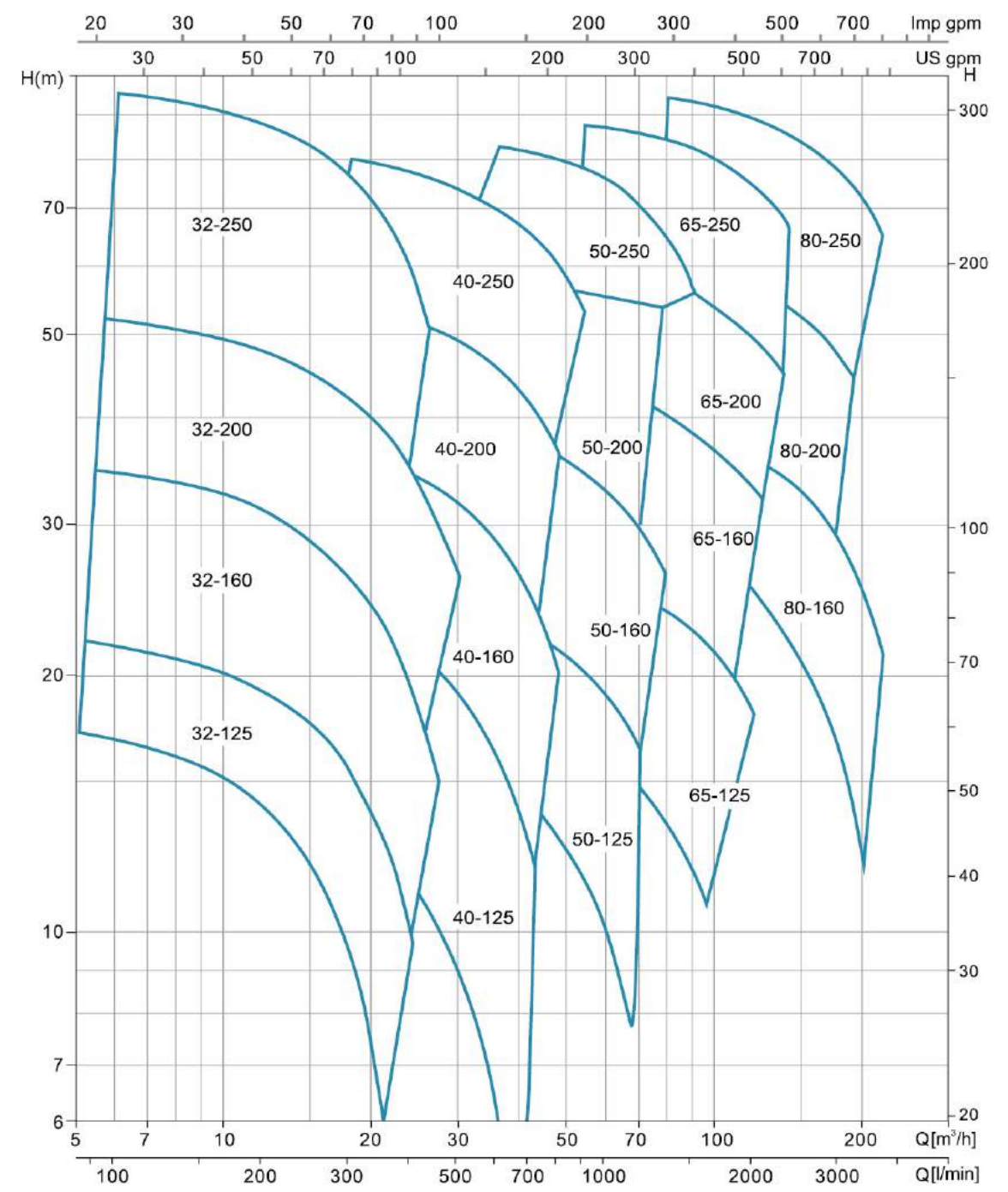
Technical Data

PUMP TYPE	POWER		l/min m³/h	Q=DELIVERY																			
	kW	HP		0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500	
32-125/7*	0.75	1	17.5	16.7	15	12	9																
32-125/11*	1.1	1.5	22	21	20.2	17	15	9															
32-160/15*	1.5	2	24	23.7	22.5	19.5	16.2																
32-160/22*	2.2	3	31	29.6	29	25.5	22.5	15															
32-160/30*	3	4	34.5	33.5	33	29	26.5	20	16.5														
32-200/30*	3	4	43.2	42	40.5	35.2	32.2	24.6	19.8														
32-200/40*	4	5.5	52	50.5	50	45	41.9	35	30.3														
32-250/55*	5.5	7.5	79	74.7	71.8	63	56	37.5															
32-250/75*	7.5	10	95	92	89	82	75	57.8															
40-125/11	1.1	1.5	14.7			13	11.5	10.1															
40-125/15	1.5	2	18.1			17	15	13.9															
40-125/22	2.2	3	24.5			23.2	21.5	20.2	16	12													
40-160/30	3	4	31.8			29	27.5	26.3	21.5	17.5													
40-160/40	4	5.5	38			36	34	33	28.5	25	20.1												
40-200/55*	5.5	7.5	44			42	40	38	32	27													
40-200/75*	7.5	10	55			52	49	48	42	37	32												
40-250/92*	9.2	12.5	64			59	56.5	55	49.5	45	39.8												
40-250/110*	11	15	72			67.5	65	63.5	57.5	52.2	47												
40-250/150*	15	20	82			79	77.3	76.5	71	66	60.5												
50-125/22	2.2	3	17						15.4	14	12.8	11.5											
50-125/30	3	4	20						18.8	18	17	15.6											
50-125/40	4	5.5	24						23.1	22.6	21.5	20.3	15.8										
50-160/55	5.5	7.5	32						30.6	30	28	26.6	20.5										
50-160/75	7.5	10	40						38	37	36	34.4	29										
50-200/92*	9.2	12.5	50.5						46.8	45	43	40.9	32.5										
50-200/110*	11	15	57.5						53.5	52	50	47.5	40										
50-250/150*	15	20	68.5						64	63	61.5	59	50	41									
50-250/185*	18.5	25	77						73.2	72	70	68	60.5	51.5									
50-250/220*	22	30	86.3						83	81.5	80	78	70	61									
65-125/40	4	5.5	19								17.3	16.8	14.5	13	11.8								
65-125/55	5.5	7.5	23								21.3	20.9	19	17.5	16.7	13.7							
65-125/75	7.5	10	27								26	25.6	24.5	23	22.5	20	18						
65-160/92	9.2	12.5	33									31.5	30	28	27.1	24	21.5						
65-160/110	11	15	36									34.5	33	31.5	30.8	28	25.5						
65-160/150	15	20	42									41	40	38.5	37.8	35	33						
65-200/150	15	20	45.5									46	43.5	41	39.2	33							
65-200/185	18.5	25	53									53.5	51.2	48.3	47	41.5							
65-200/220	22	30	59									59.5	57.2	54	53	47	43.5						
65-200K/185	18.5	25	41.2										42	41.2	40.6	38.2	36.5	34					
65-200K/220	22	30	48											48	47.5	46	44	41					
65-200K/300	30	40	59.5											59	58.5	58	56.2	54					
65-250/220	22	30	62									61.5	58.2	56.5	54	49	45						
65-250/300	30	40	76									75	73	70	69	64	61	54					
65-250/370	37	50	90									88	86	84	82	78	74	68					
80-160/110	11	15	27												27.3	26	24.5	22.5	16				
80-160/150	15	20	32.8												32.5	31.3	30.2	28	22.1	16.7			
80-160/185	18.5	25	39												38	36.8	35.7	33.8	28.8	23.5			
80-200/220	22	30	48												47.5	46	43.5	41	32.5				
80-200/300	30	40	60												59.5	58	57	54.5	47				
80-250/370	37	50	71.5												70.5	67.5	65.5	61.5	49.5	38			
80-250/450	45	60	82												80.5	78.5	76.5	72	62	51			
80-250/550	55	75	95												93.5	91.2	89.8	86.8	77.6	68.3			

*=Stainless steel impeller

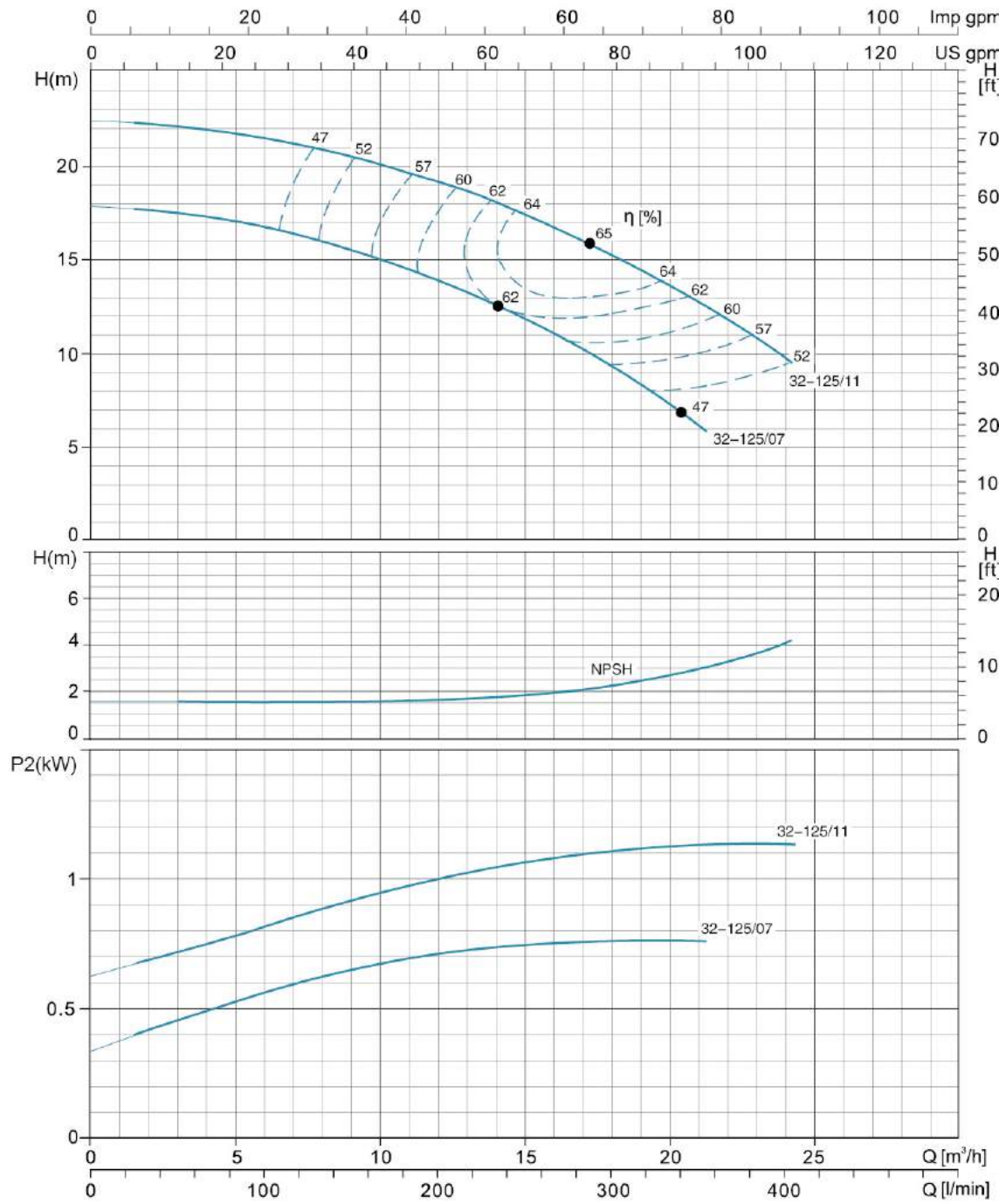
Characteristic Curves

XST	~2900rpm	ISO 9906 Annex A
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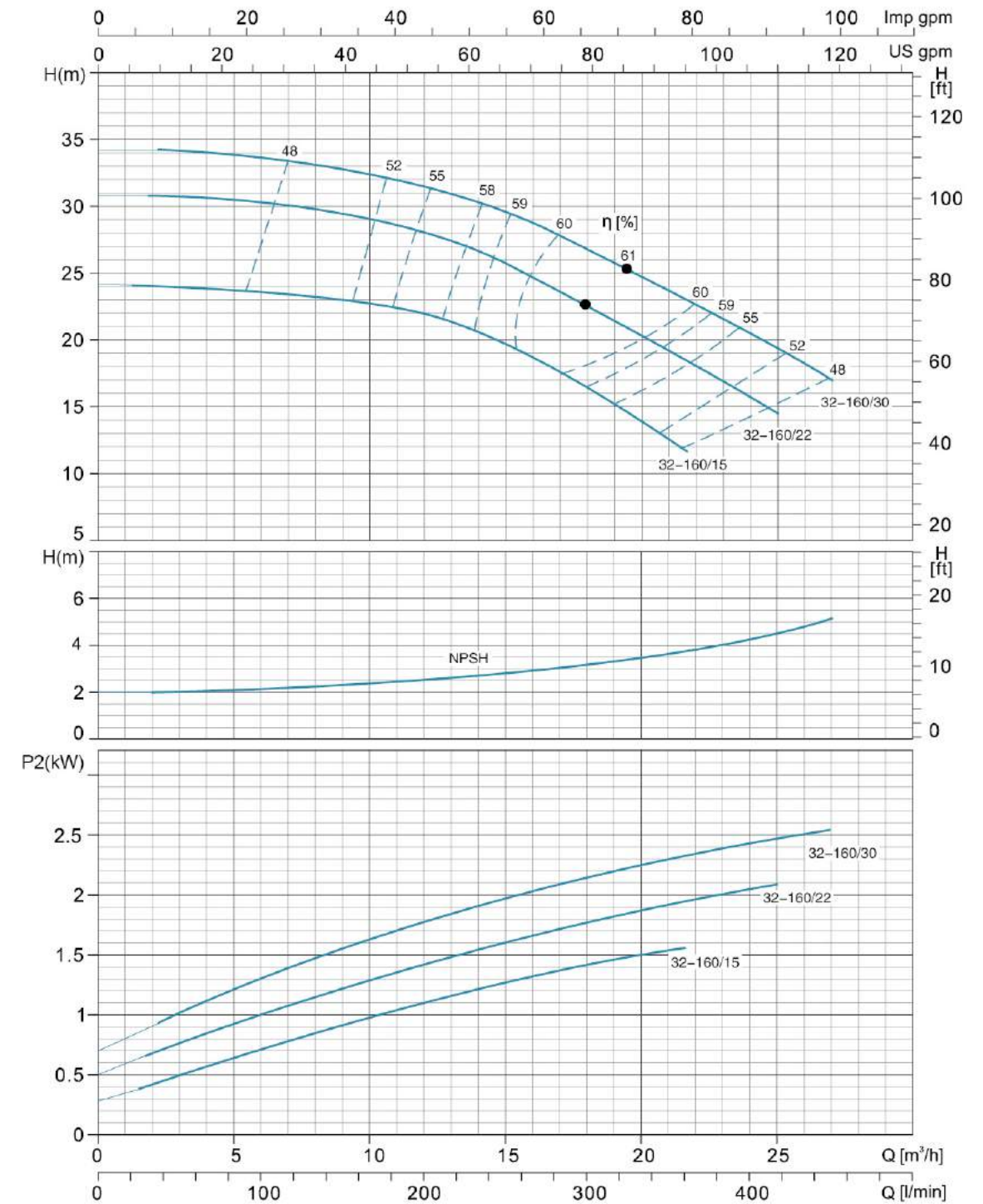
Hydraulic Performance Curves

XST32-125	~2900rpm	ISO 9906 Annex A
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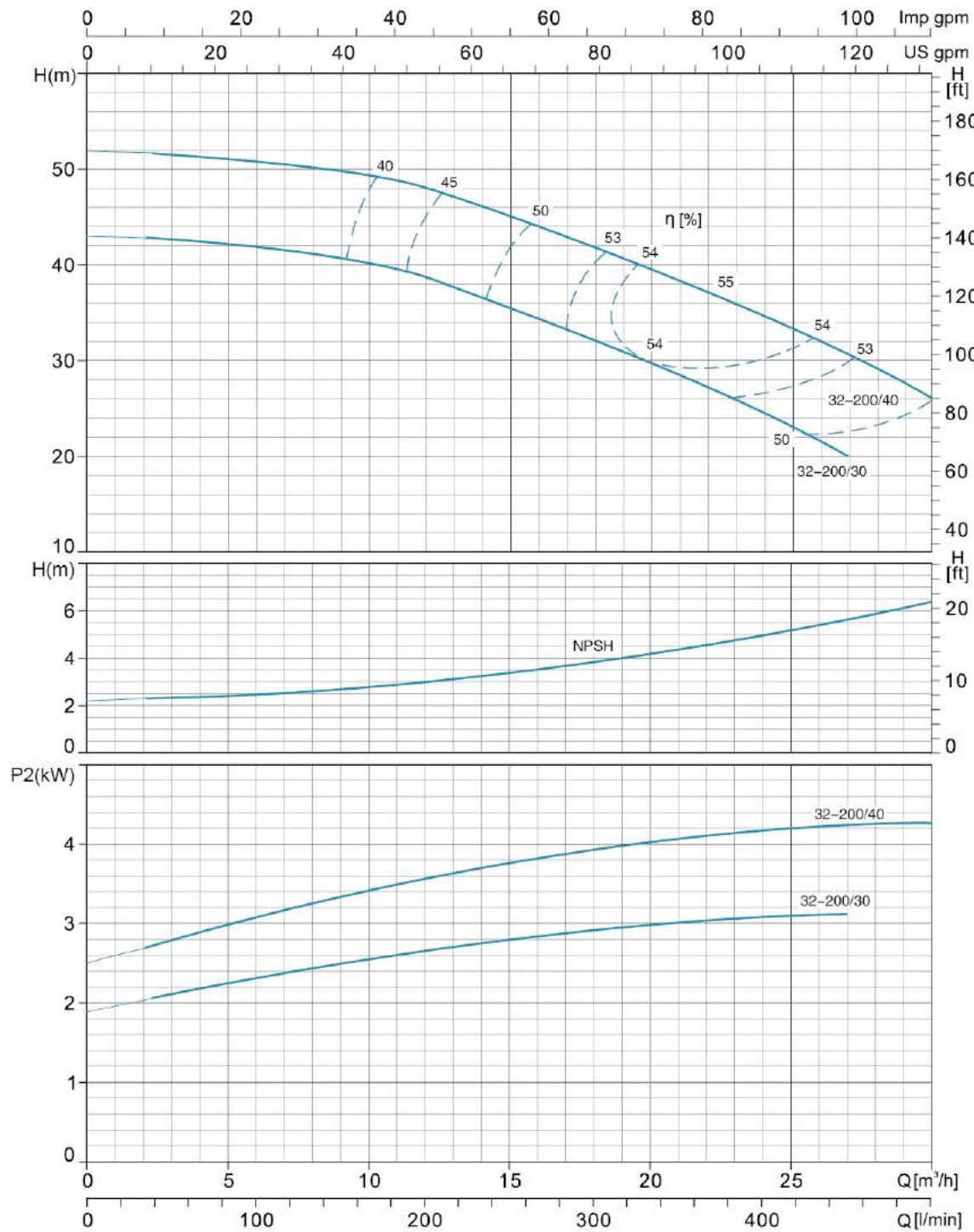
Hydraulic Performance Curves

XST32-160	~2900rpm	ISO 9906 Annex A
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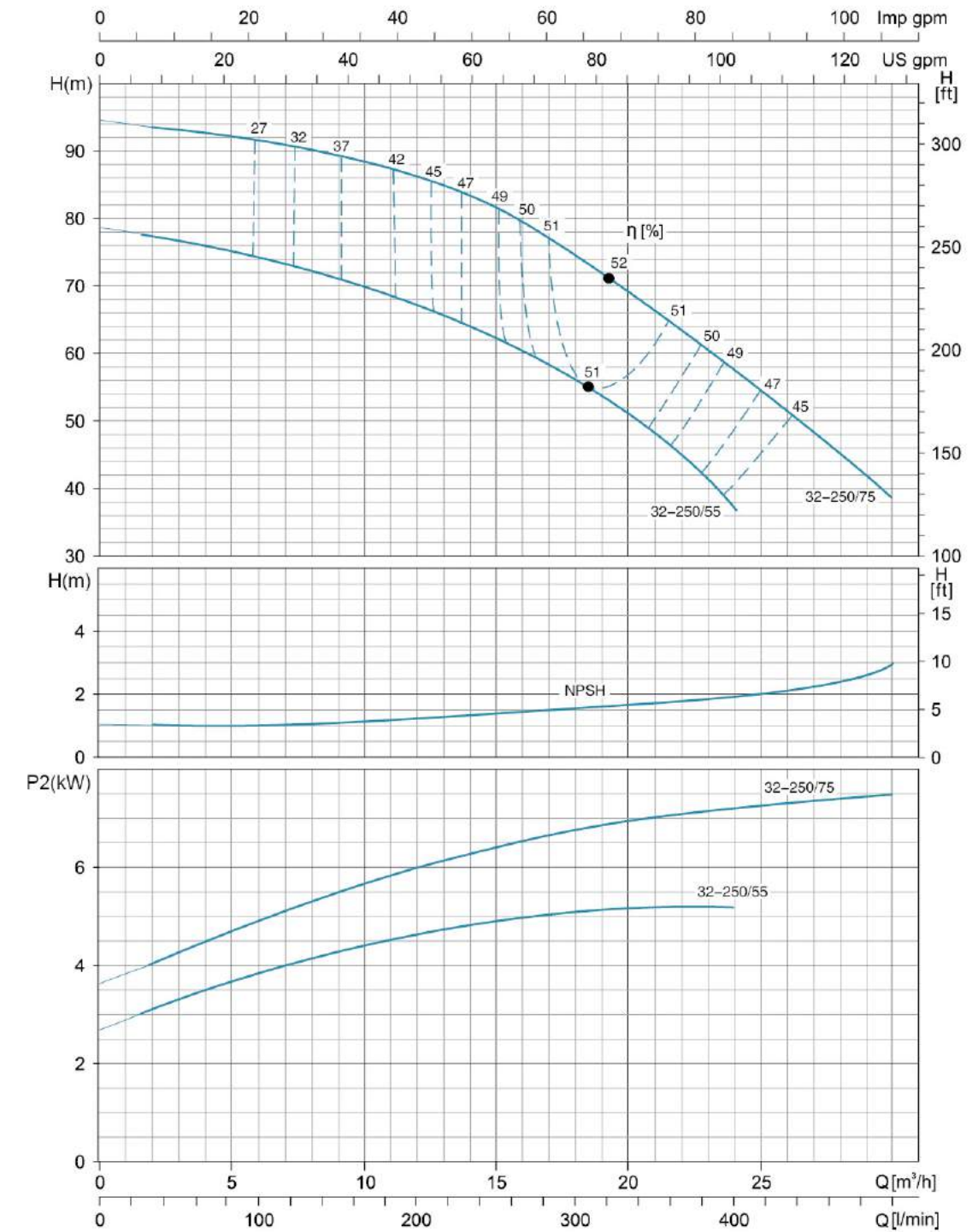
Hydraulic Performance Curves

XST32-200	~2900rpm	ISO 9906 Annex A
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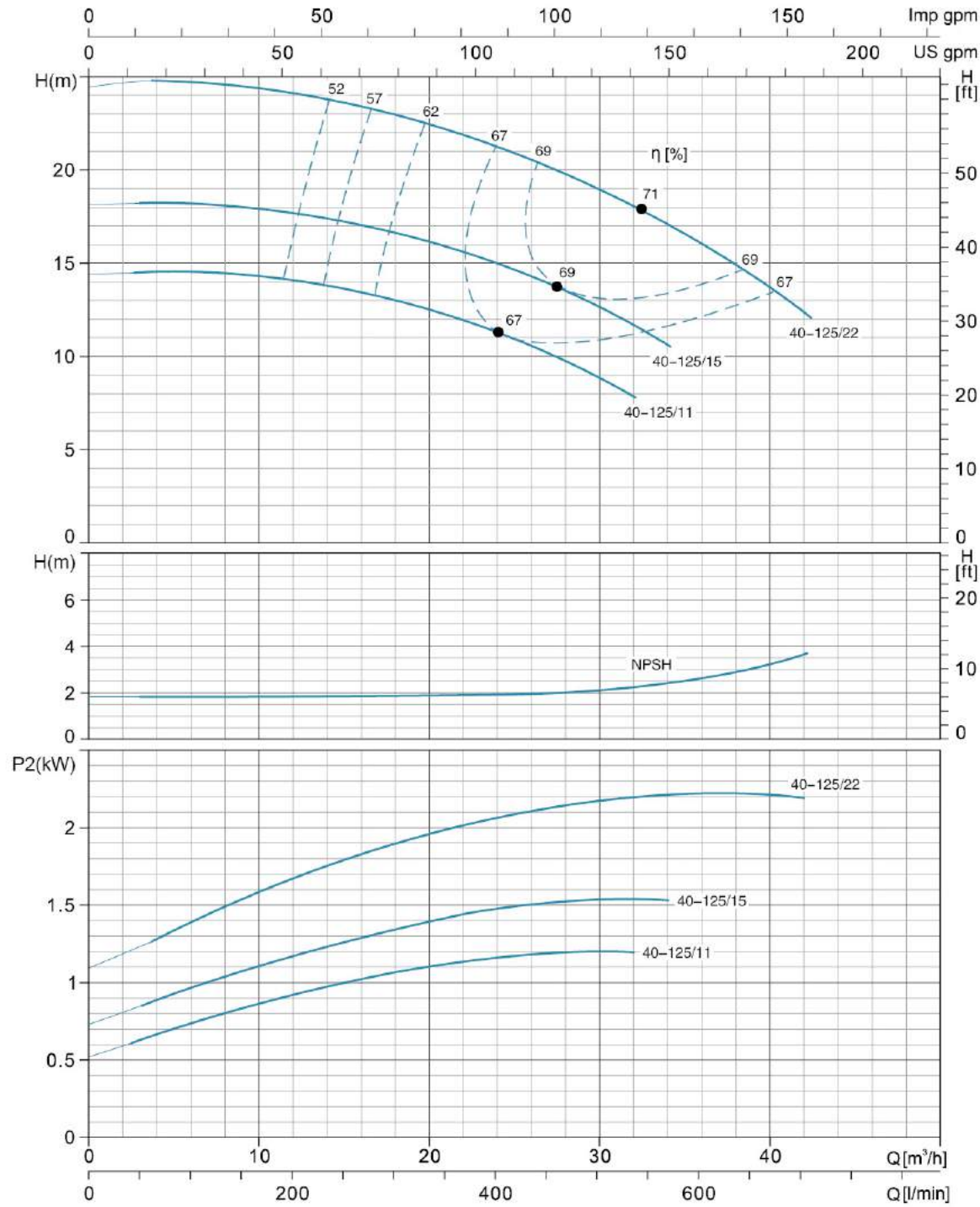
Hydraulic Performance Curves

XST32-250	~2900rpm	ISO 9906 Annex A
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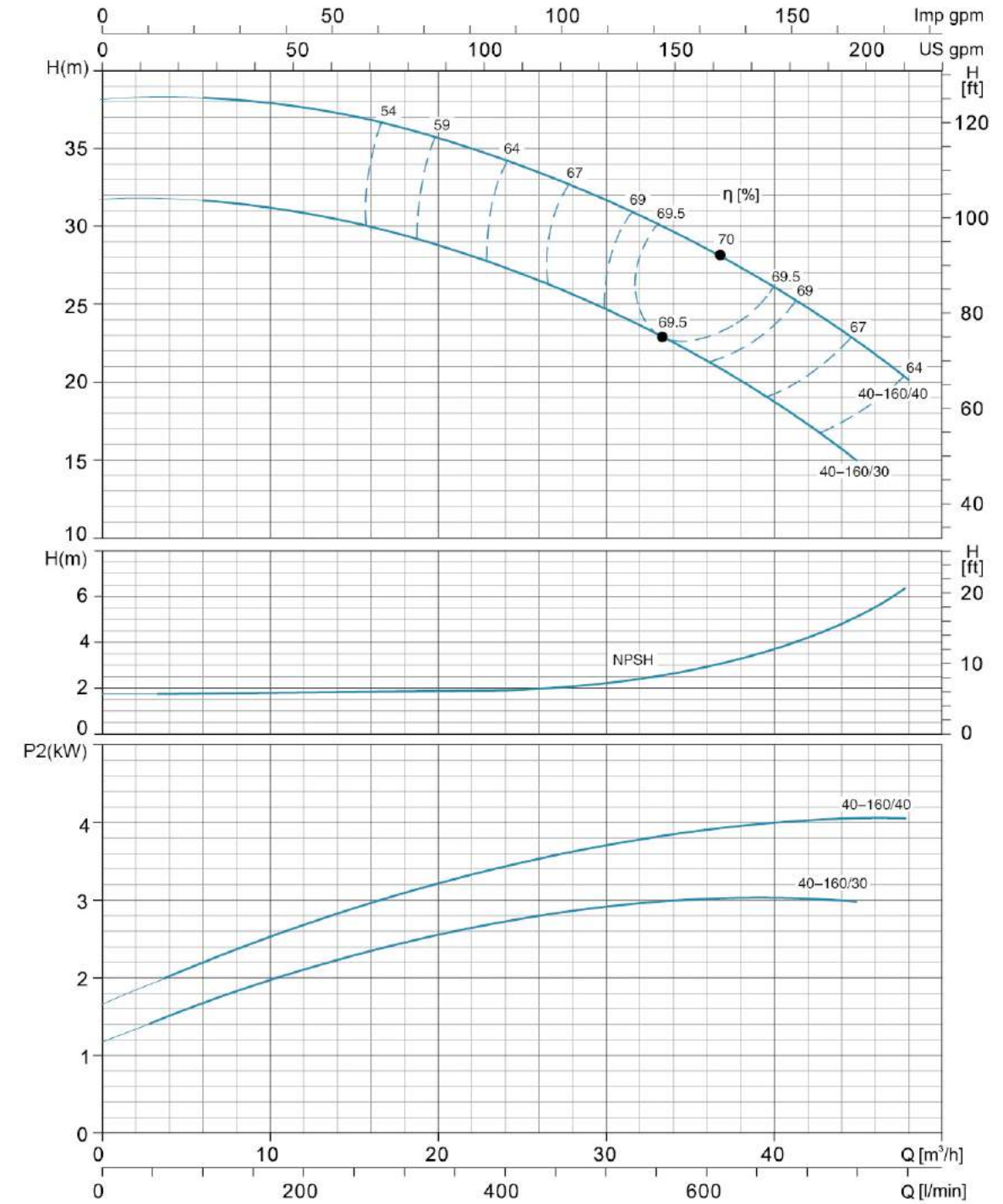
Hydraulic Performance Curves

XST40-125	~2900rpm	ISO 9906 Annex A
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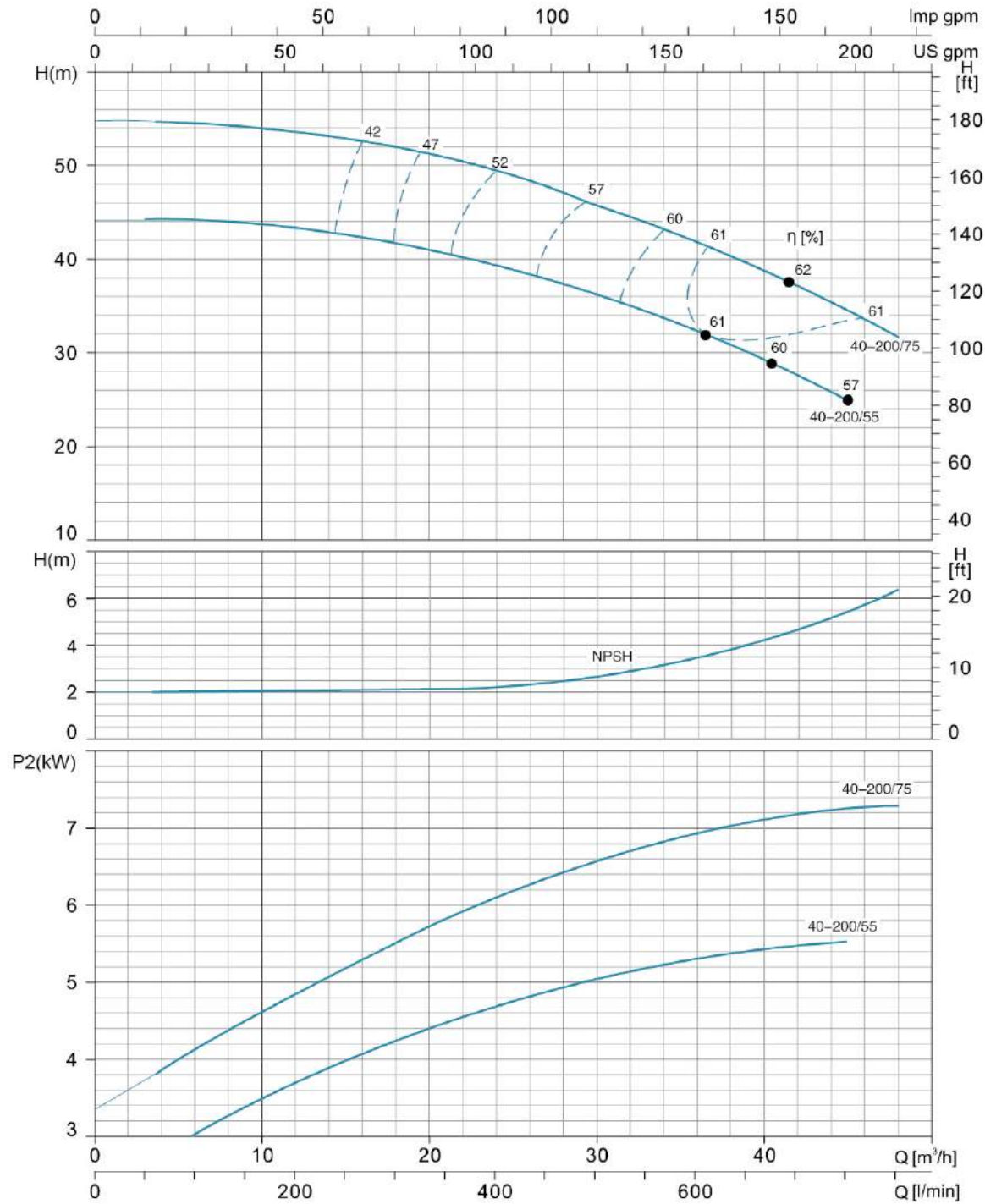
Hydraulic Performance Curves

XST40-160	~2900rpm	ISO 9906 Annex A
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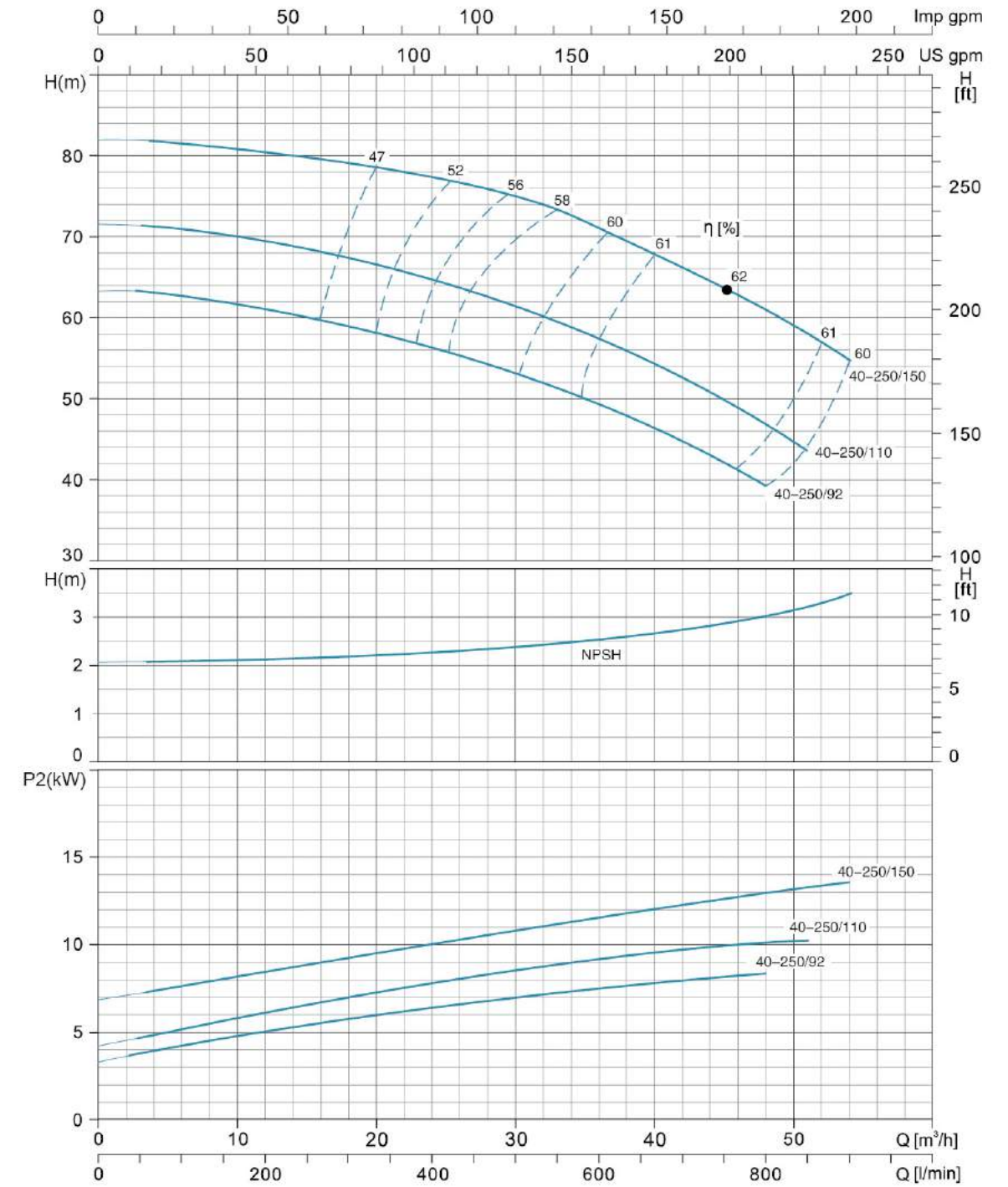
Hydraulic Performance Curves

XST40-200	~2900rpm	ISO 9906 Annex A
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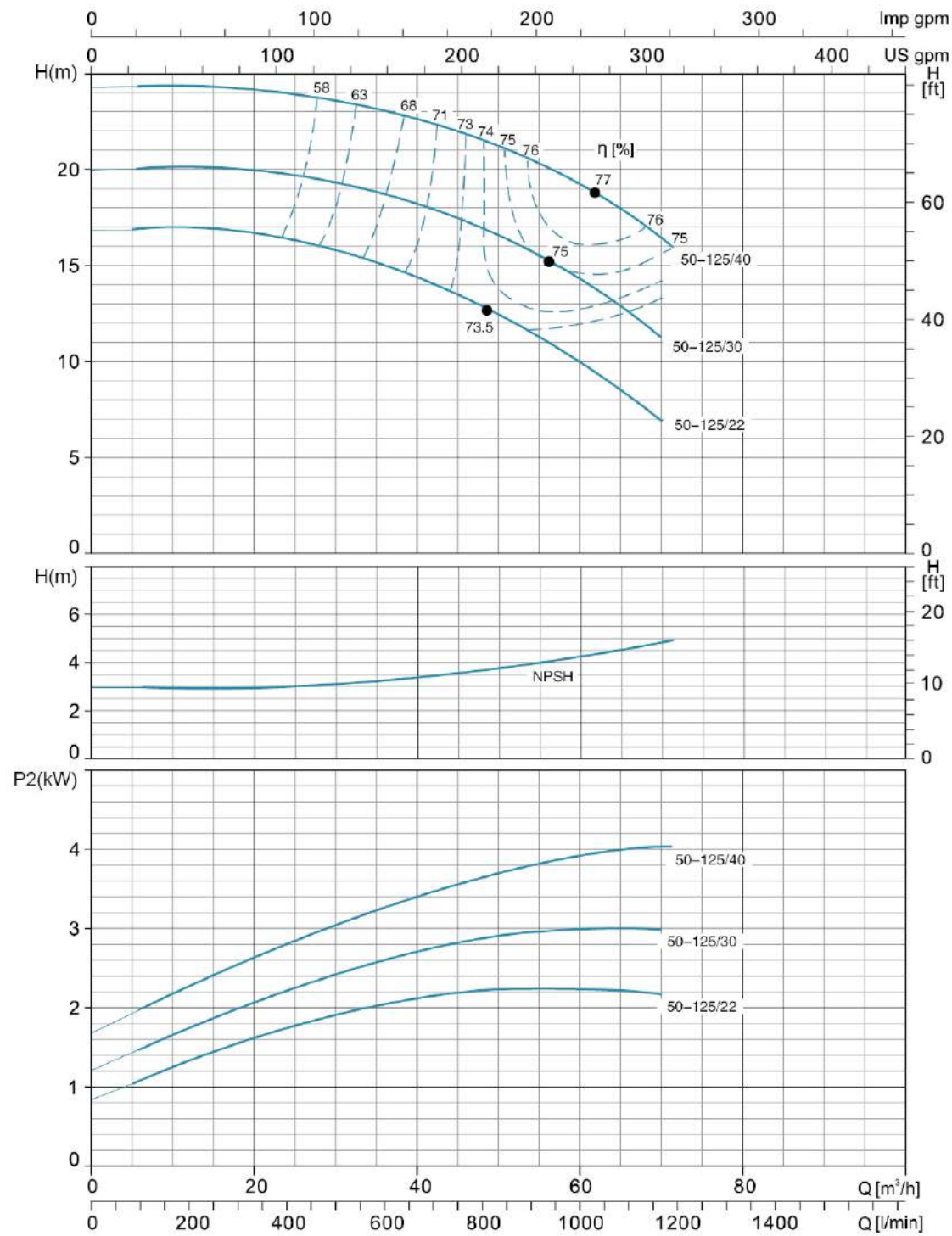
Hydraulic Performance Curves

XST40-250	~2900rpm	ISO 9906 Annex A
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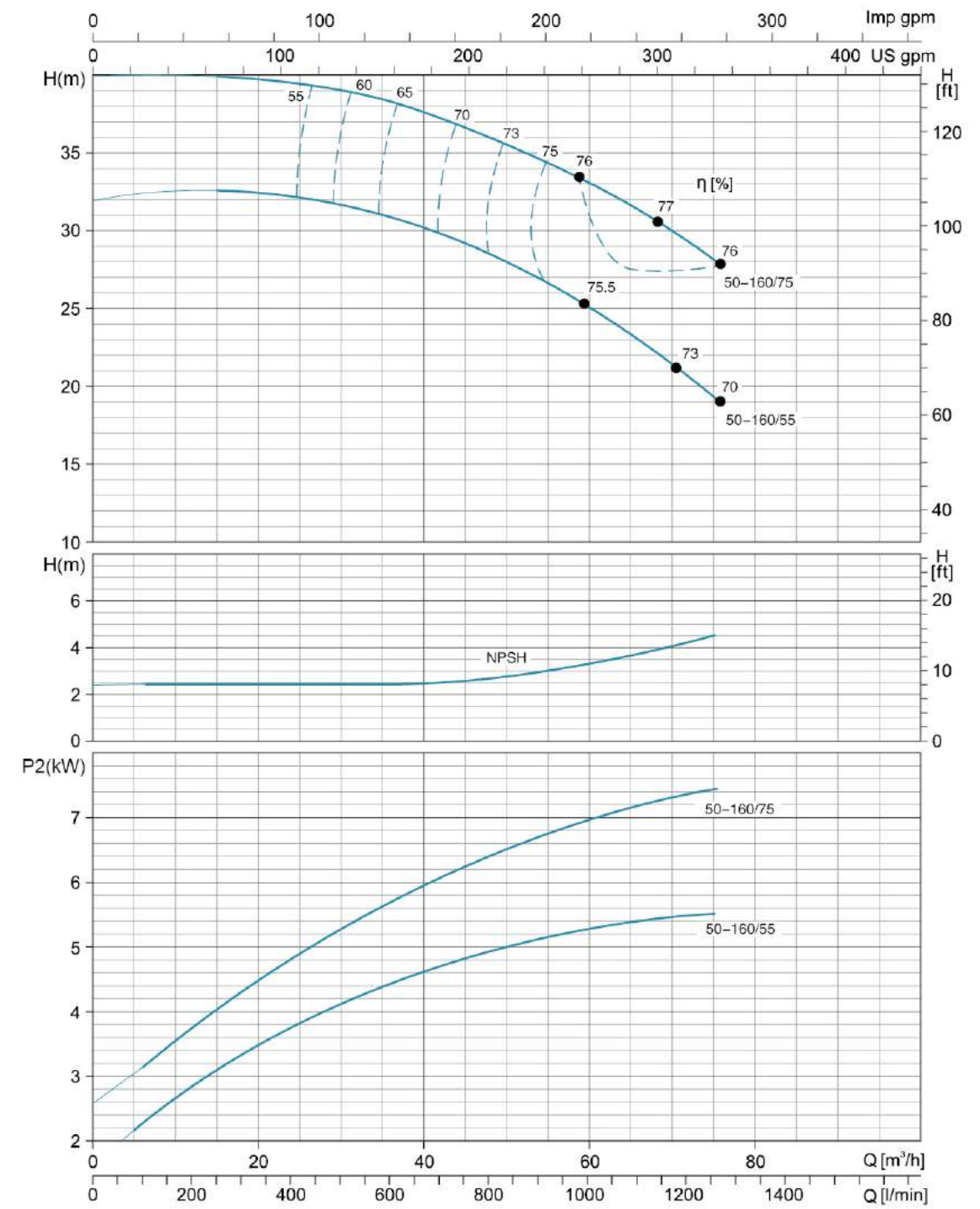
Hydraulic Performance Curves

XST50-125	~2900rpm	ISO 9906 Annex A
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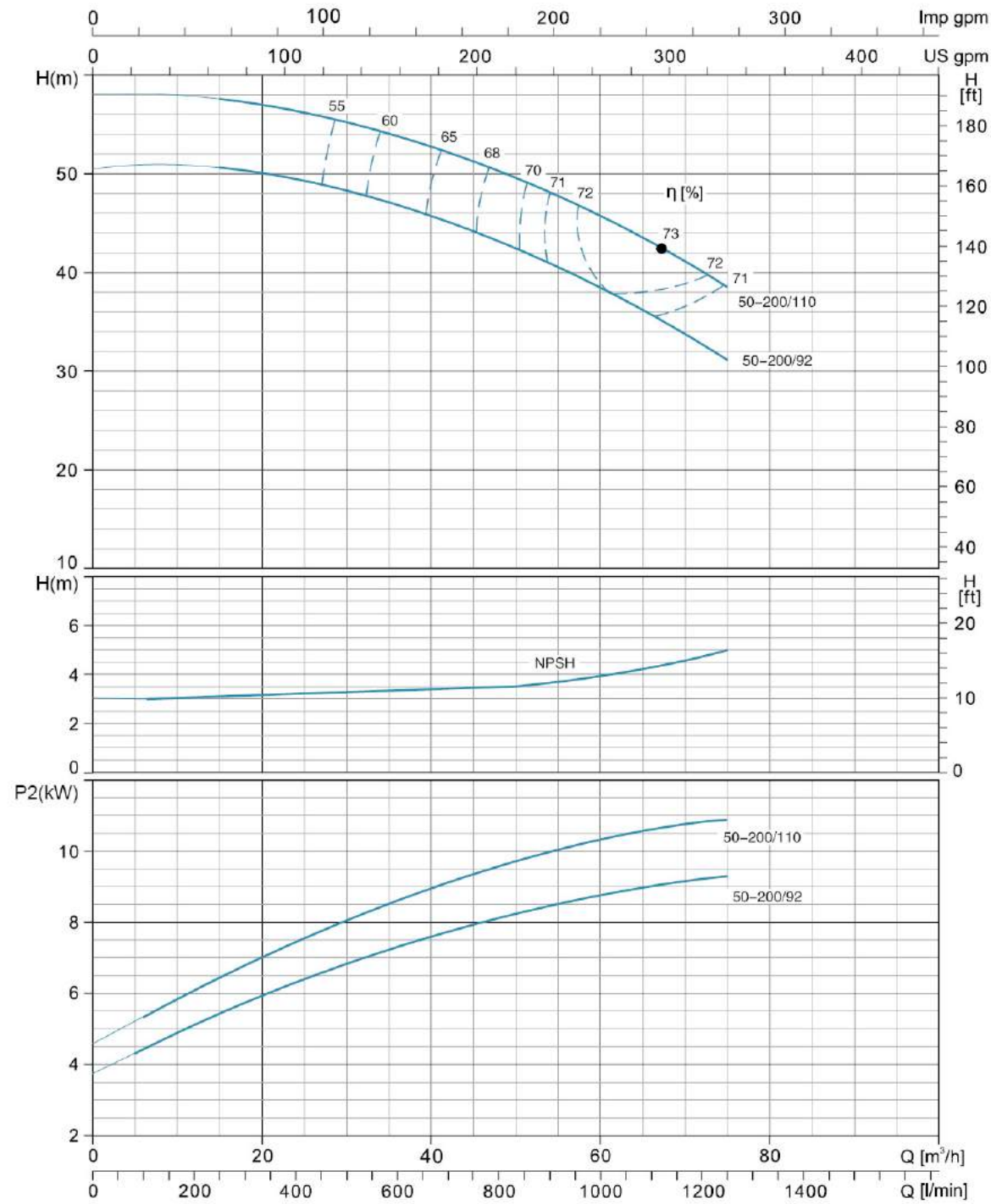
Hydraulic Performance Curves

XST50-160	~2900rpm	ISO 9906 Annex A
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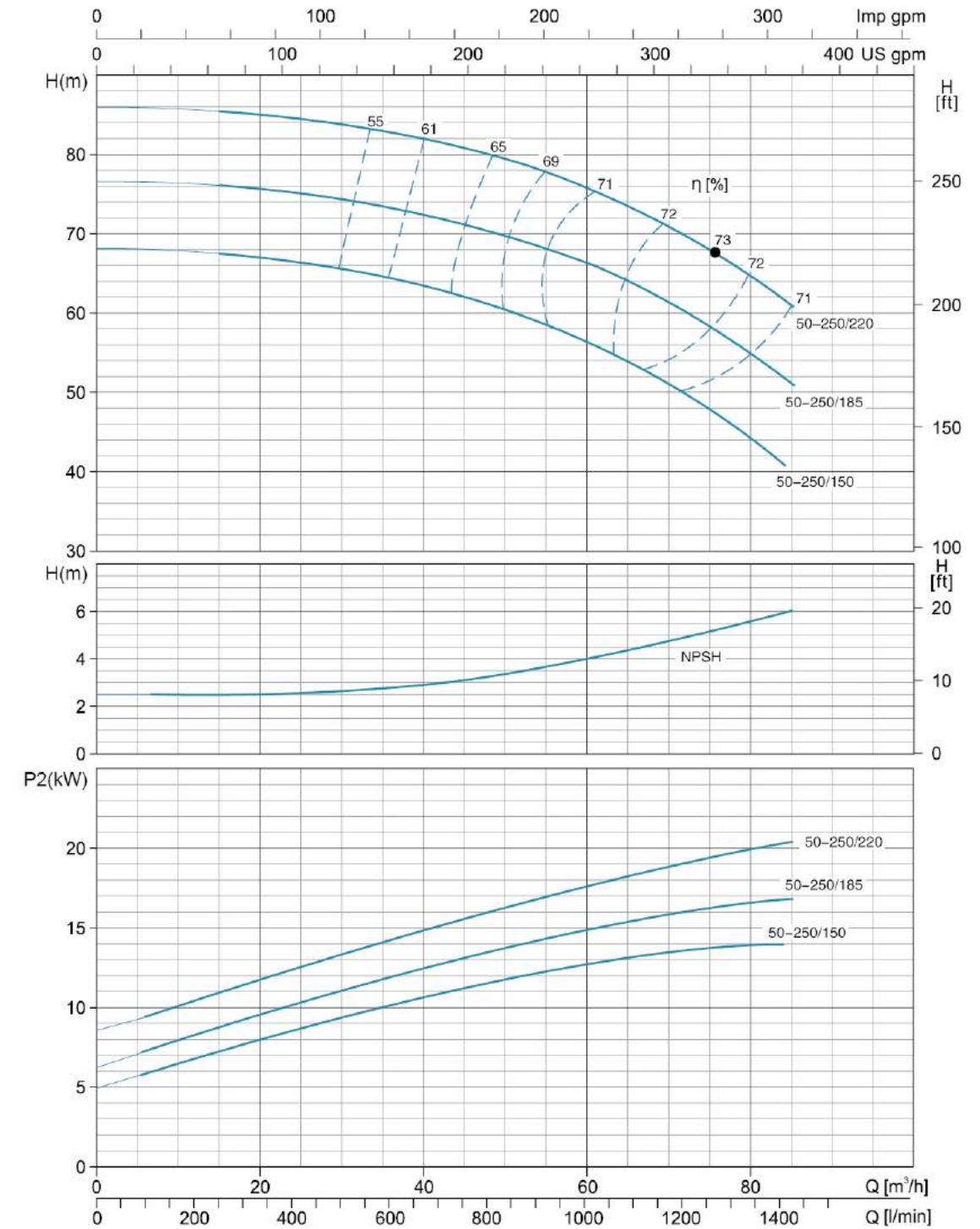
Hydraulic Performance Curves

XST50-200	~2900rpm	ISO 9906 Annex A
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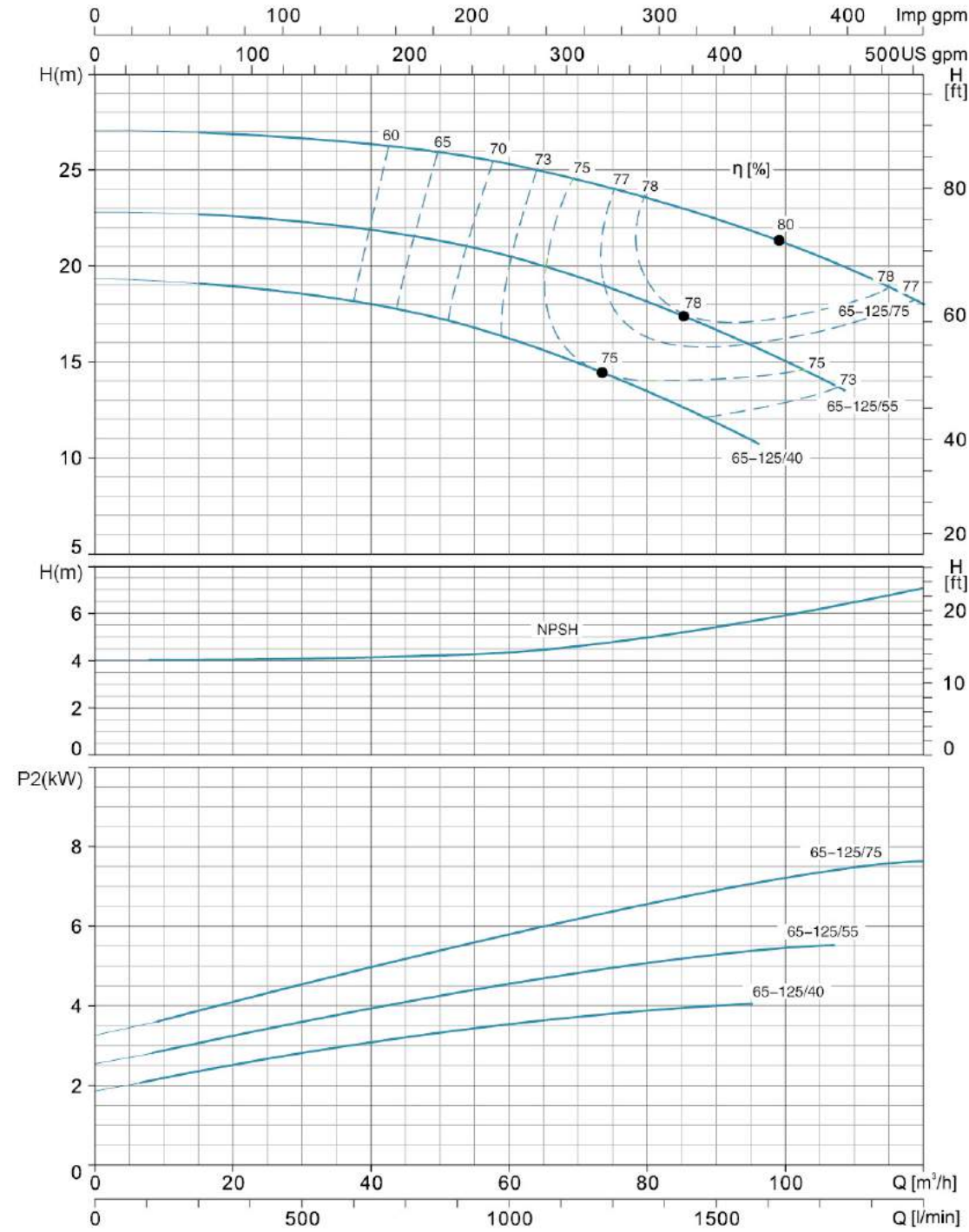
Hydraulic Performance Curves

XST50-250	~2900rpm	ISO 9906 Annex A
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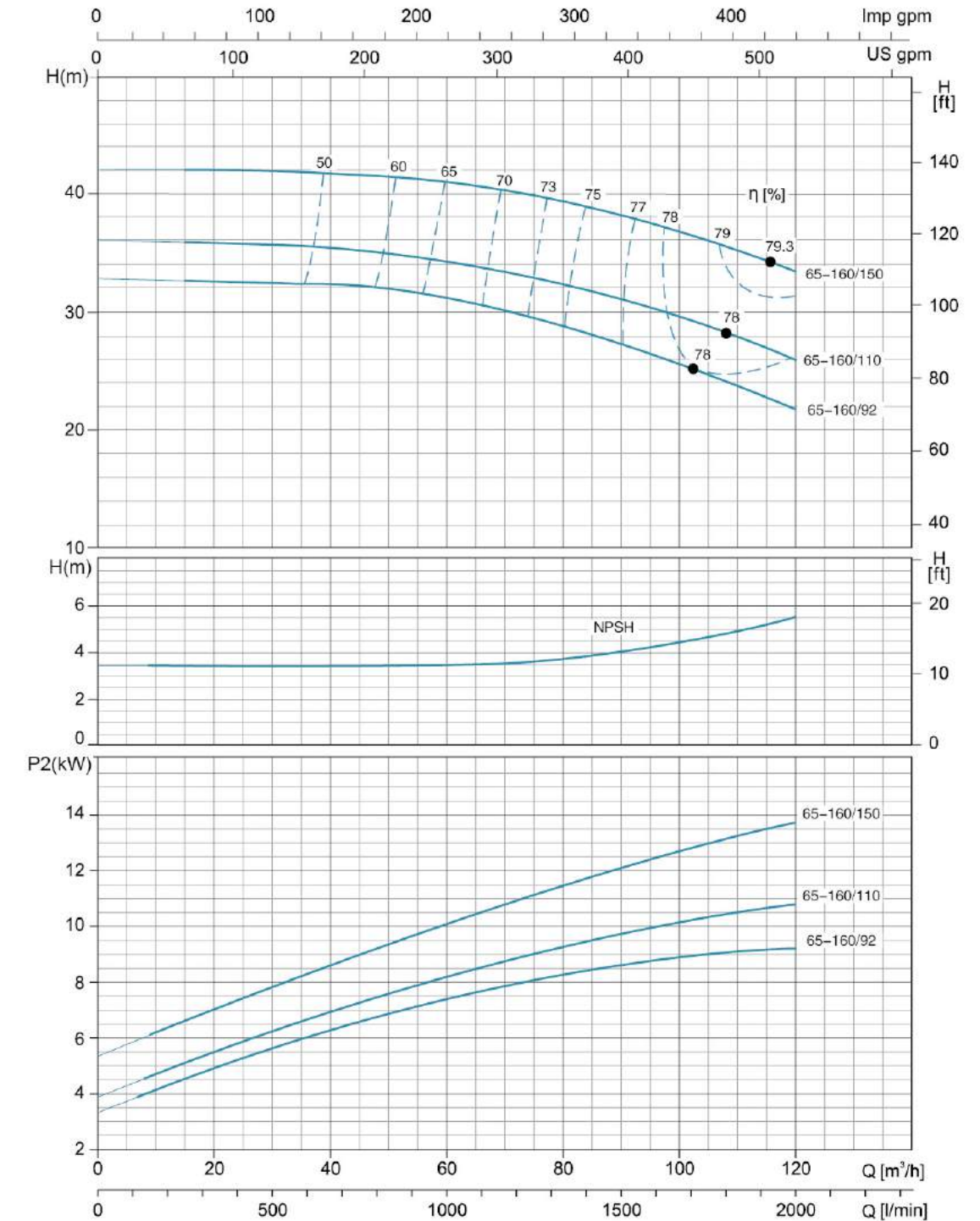
Hydraulic Performance Curves

XST65-125	~2900rpm	ISO 9906 Annex A
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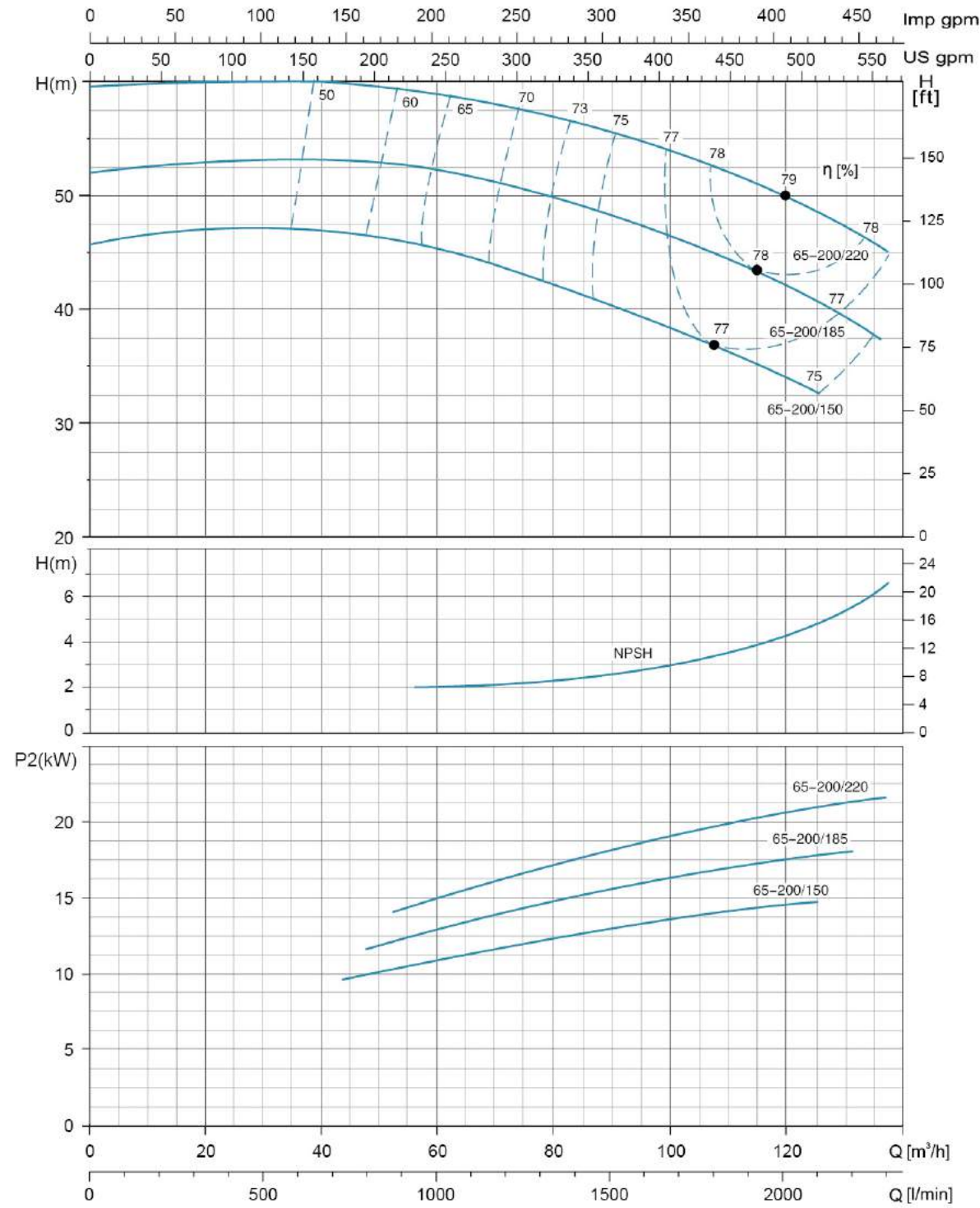
Hydraulic Performance Curves

XST65-160	~2900rpm	ISO 9906 Annex A
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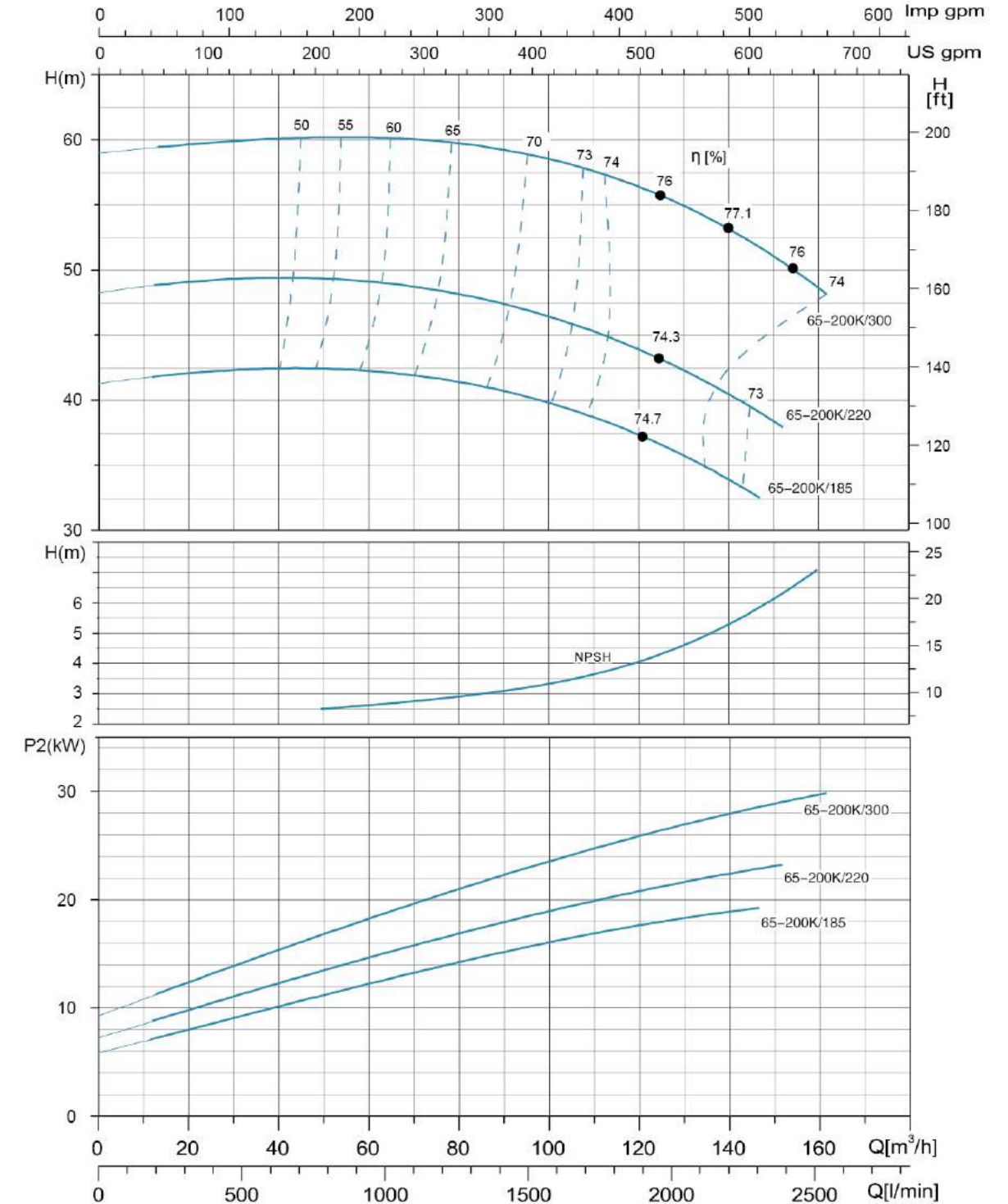
Hydraulic Performance Curves

XST65-200	~2900rpm	ISO 9906 Annex A
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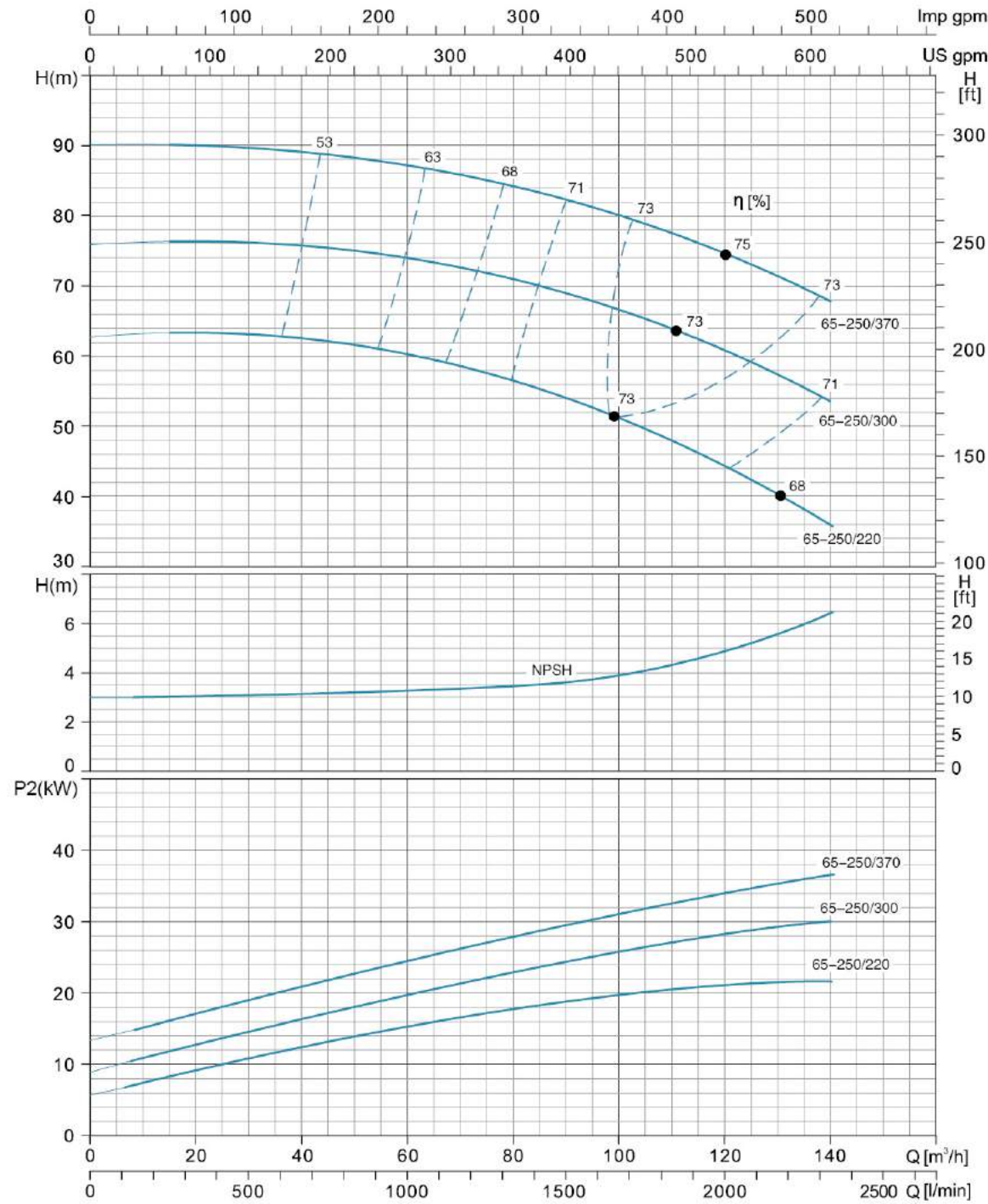
Hydraulic Performance Curves

XST65-200K	~2900rpm	ISO 9906 Annex A
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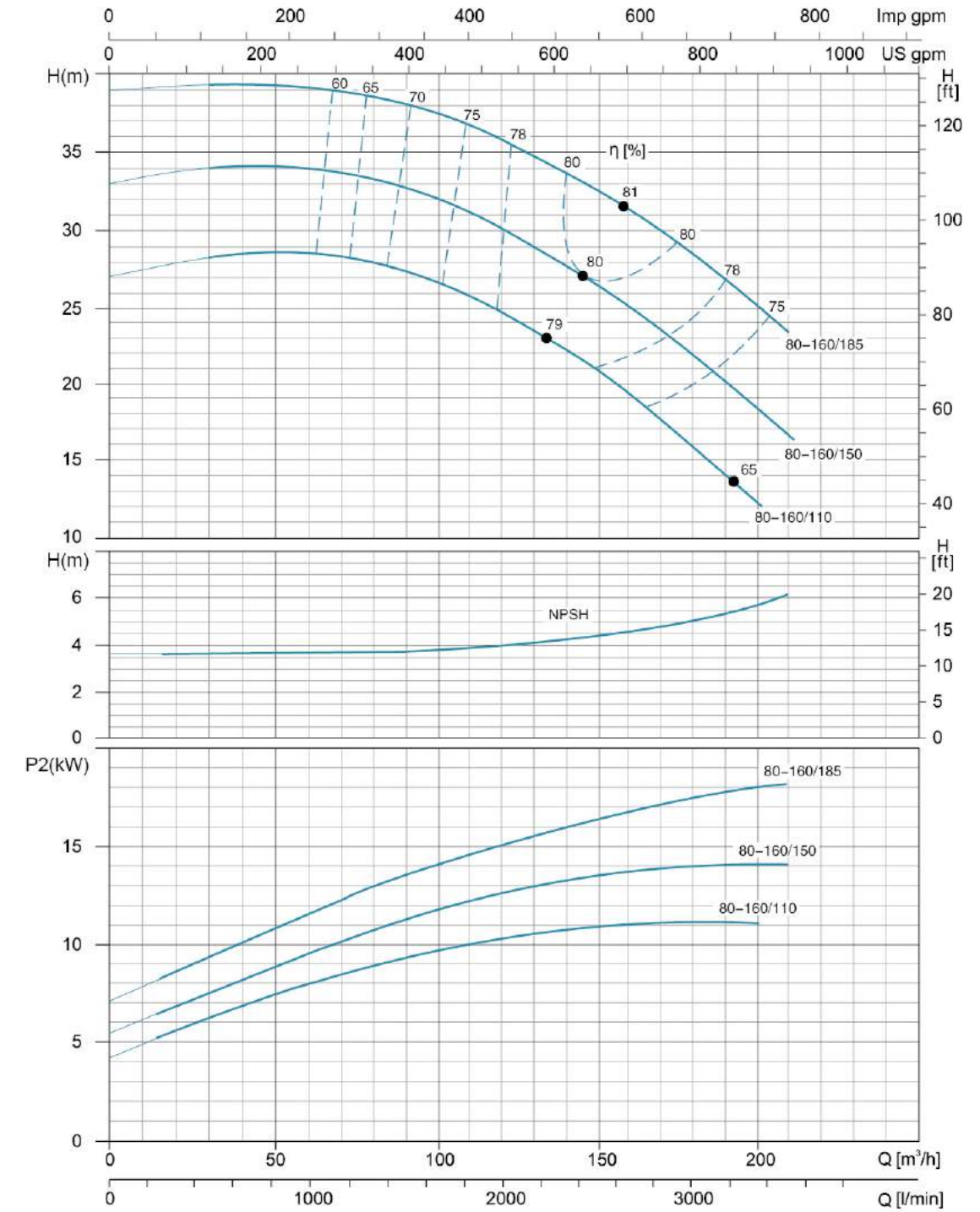
Hydraulic Performance Curves

XST65-250	~2900rpm	ISO 9906 Annex A
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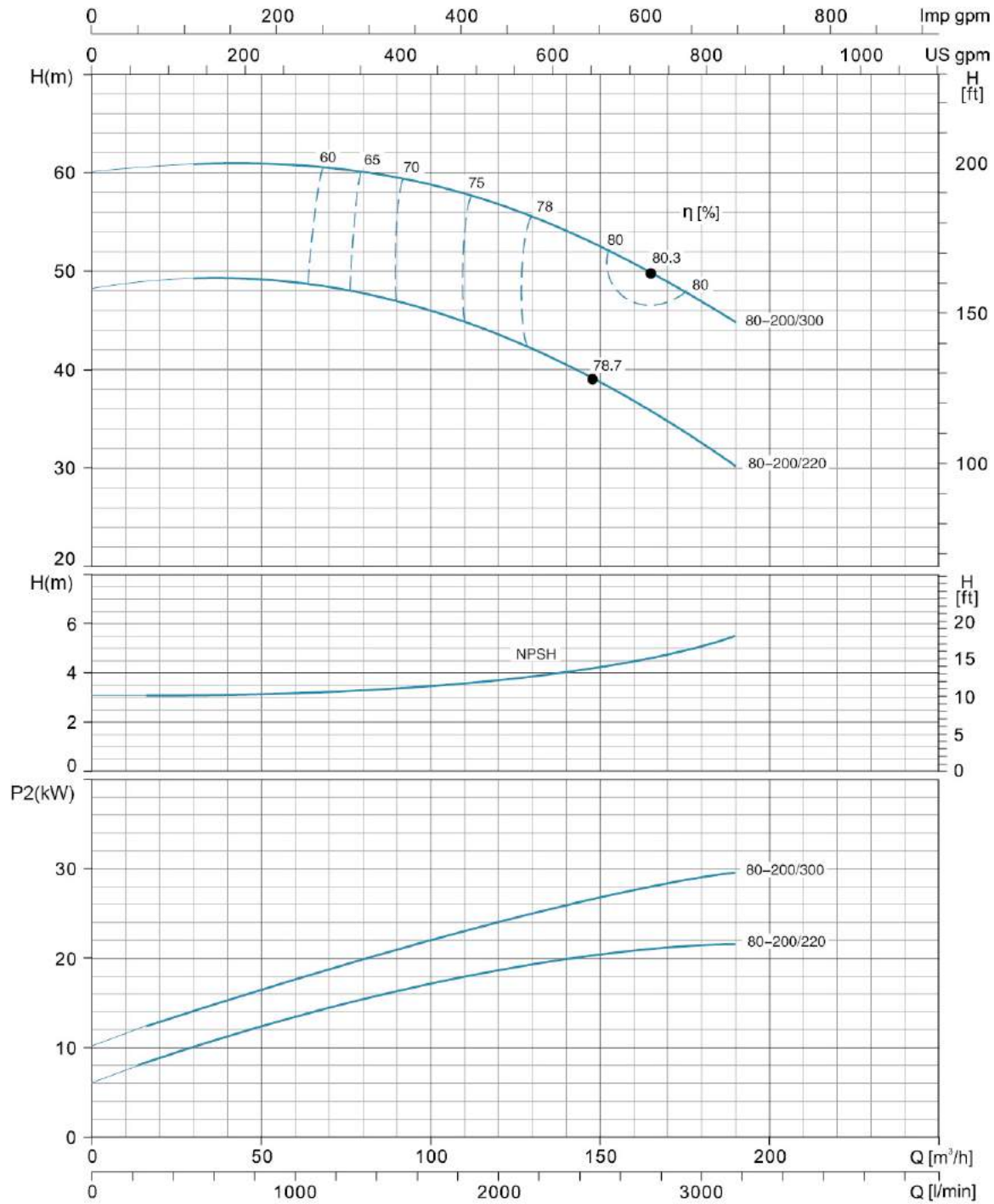
Hydraulic Performance Curves

XST80-160	~2900rpm	ISO 9906 Annex A
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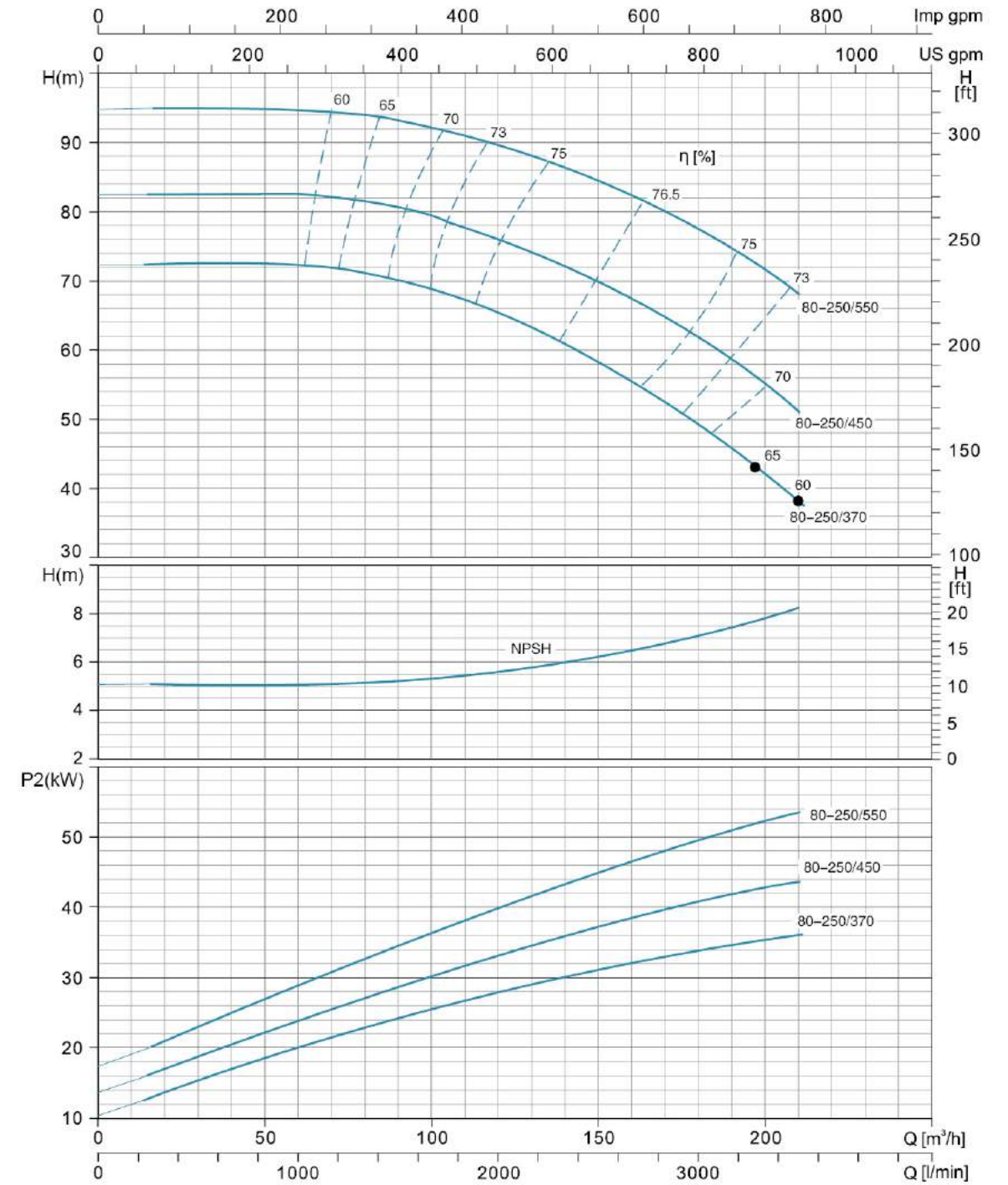
Hydraulic Performance Curves

XST80-200	~2900rpm	ISO 9906 Annex A
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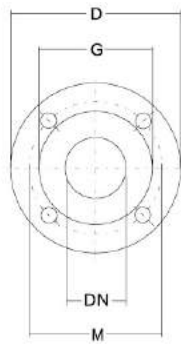


Hydraulic Performance Curves

XST80-250	~2900rpm	ISO 9906 Annex A
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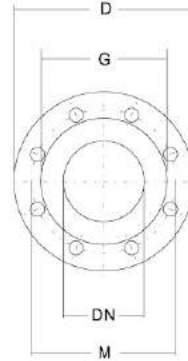


Flange Dimensions



PN16 FLANGES

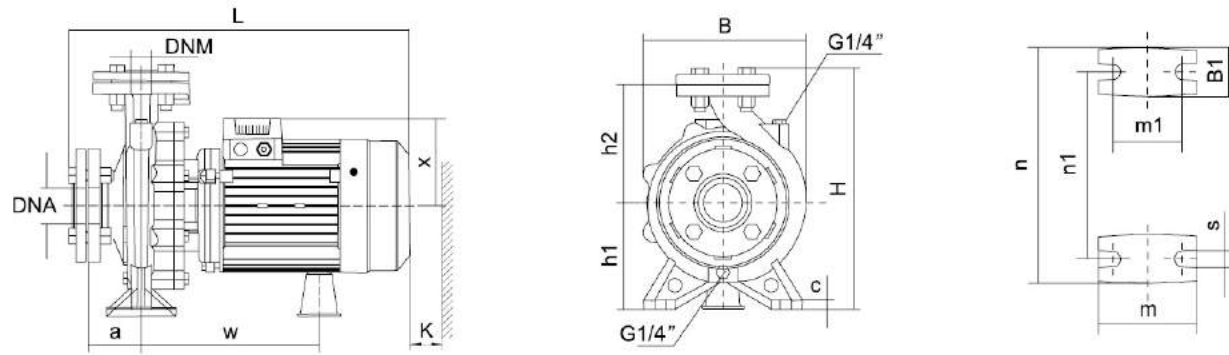
DN	D	M	G	HOLES N°	∅	MAX. THICKNESS
32	140	100	78	4	18	18
40	150	110	88	4	18	18
50	165	125	102	4	18	20
65	185	145	122	4	18	20



PN16 FLANGES

DN	D	M	G	HOLES N°	∅	MAX. THICKNESS
80	200	160	138	8	18	22
100	220	180	158	8	18	22

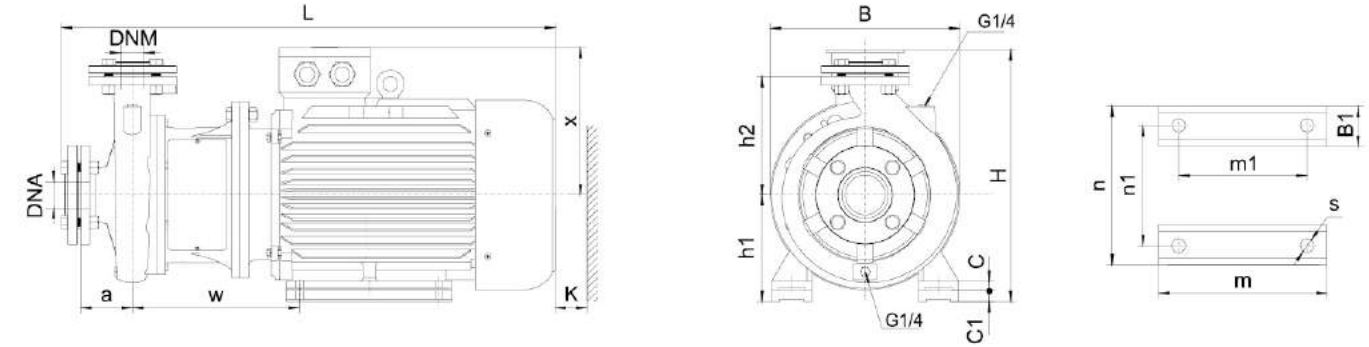
Installation Sketch
up to 7.5 kW included



MODEL	DNM	DNA	a	w	x	h2	B1	c	h1	m	m1	n	n1	s	B	H	L	K															
32-125/7	32	50	80	223	113	140	48	12	112	100	70	190	140	15	192	281	427	85															
32-125/11																																	
32-160/15																																	
32-160/22																																	
32-160/30																																	
32-200/30			155	264	180	198	60	15	160	272	212	15	308	386	610	640	60																
32-200/40																																	
32-250/55																																	
32-250/75																																	
40-125/11																		40	65	80	255	127	140	45	12	112	100	70	210	160	218	282	489
40-125/15																																	
40-125/22																																	
40-160/30																																	
40-160/40																																	
40-200/55	100	259	180	180	50	160	264	212	15	275	370	553	583	105																			
40-200/75																																	
50-125/22															50	65	100			262	127	160	50	12	132	100	70	240	190	243	322	518	110
50-125/30																																	
50-125/40																																	
50-160/55																																	
50-160/75																																	
65-125/40	65	80	100	265	180	180	68	14	160	125	95	280	212	283			372	564	594														
65-125/55																																	
65-125/75																																	

Installation Sketch

From 7.5 kW



MODEL	DNM	DNA	a	w	x	h2	B1	C	C1	h1	m	m1	n	n1	s	B	H	L	K																																				
40-250/92	40	65	100	310	260	225	65	20	20	180	260	210	320	254	14.5	350	440	845	110																																				
40-250/110																																																							
40-250/150																																																							
50-200/92																				50	65	100	310	260	200	65	20	160	260	210	320	254	14.5	350	420	845	120																		
50-200/110																																																							
50-250/150																																																							
50-250/185																																																							
50-250/220																																						65	80	100	323	275	225	70	25	180	304	254	355	279	14.5	355	440	895	110
65-160/92																																																							
65-160/110																																																							
65-160/150																																																							
65-200/150																																																							
65-200/185																																																							
65-200/220																																																							
65-200K/185																																																							
65-200K/220																																																							
65-200K/300																																																							
65-250/220	80	100	125	352	275	250	70	25	180	311	241	355	279	14.5	355	461	978	130																																					
65-250/300																																																							
65-250/370																																																							
80-160/110																																																							
80-160/150																																																							
80-160/185																																																							
80-200/220																																																							
80-200/300																																																							
80-250/370																																																							
80-250/450																																																							
80-250/550																																																							

XR



Application

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

Operating conditions

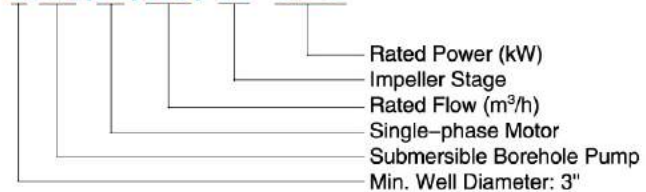
- Maximum fluid temperature up to +35°C
- Maximum sand content: 0.25%
- Maximum immersion: 80 m
- Minimum well diameter: 3"

Motor and Pump

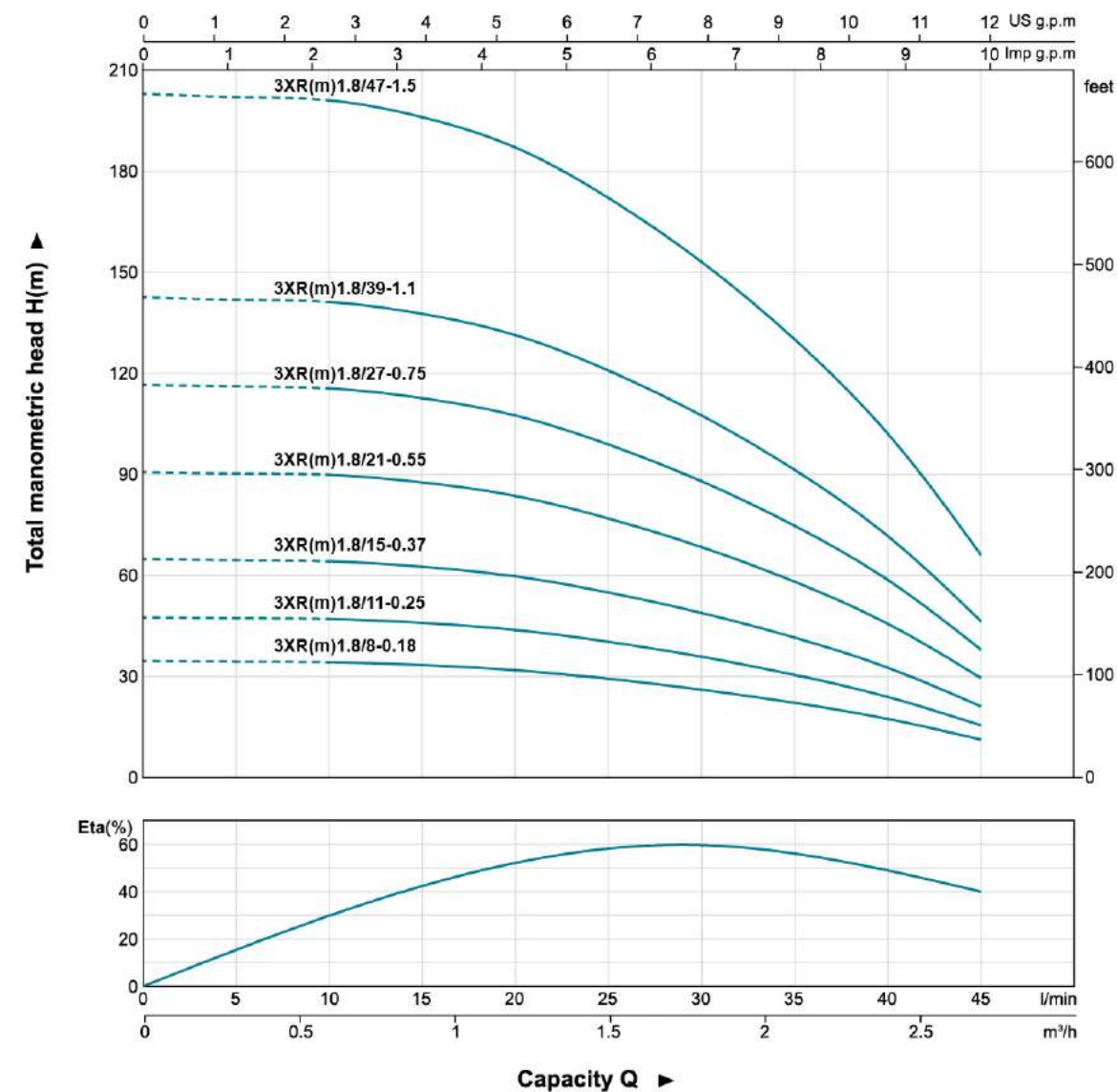
- Rewindable motor or full obturated screen motor
- **Three-phase:** 380V–415V/50Hz
- **Single-phase:** 220V–240V/50Hz
- Pumps are designed by casing stressed
- Curve tolerance according to ISO 9906

Components	Material
Pump external casing	AISI 201 SS
Delivery casing	Cast-Cu ASTM280
Suction lantern	Cast-Cu ASTM280
Diffuser	PC
Impeller	POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	Cast-Cu ASTM280
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well (carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK / C&U
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

3XR(m)1.8/11-0.25



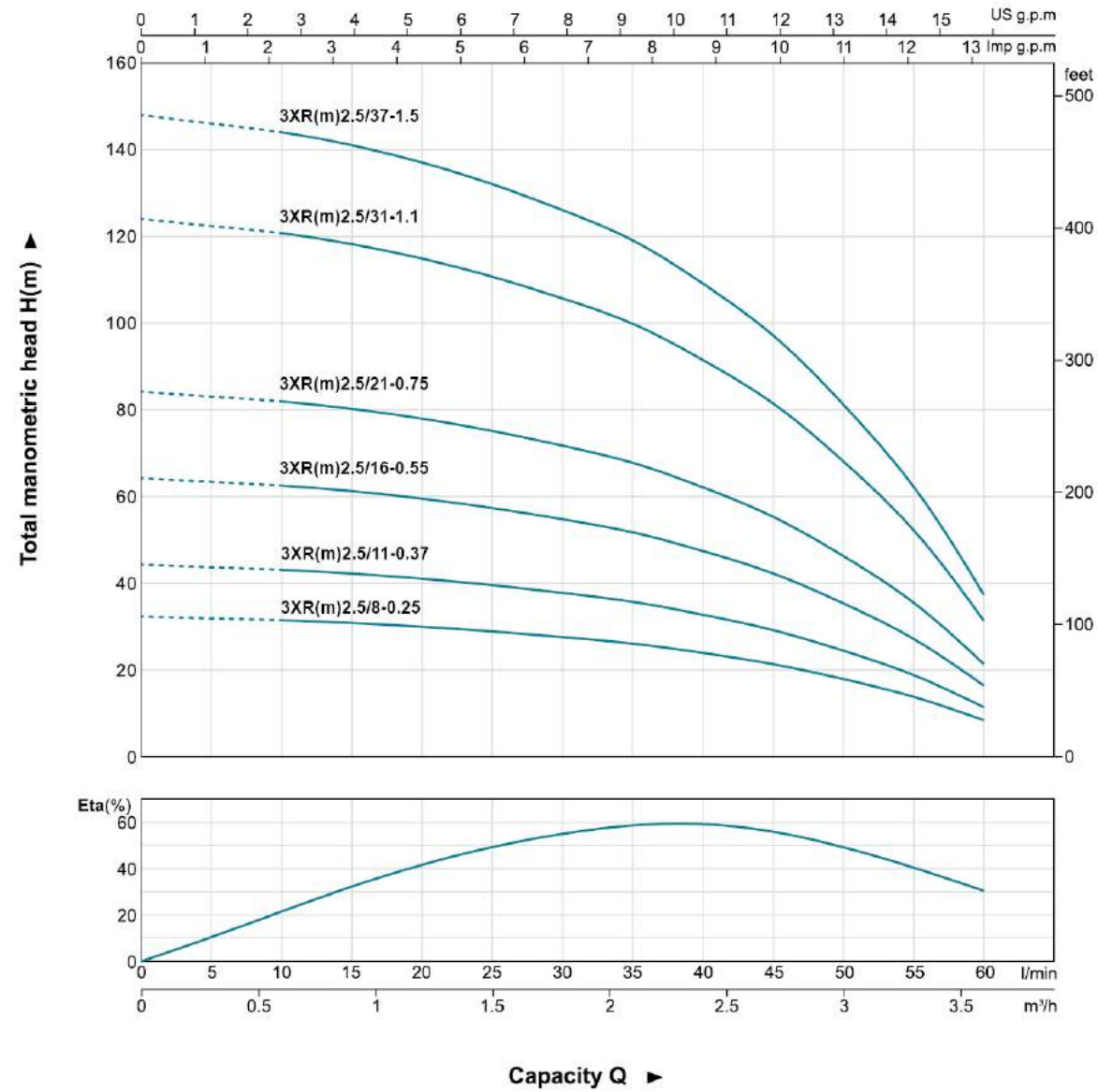
3XR 1.8



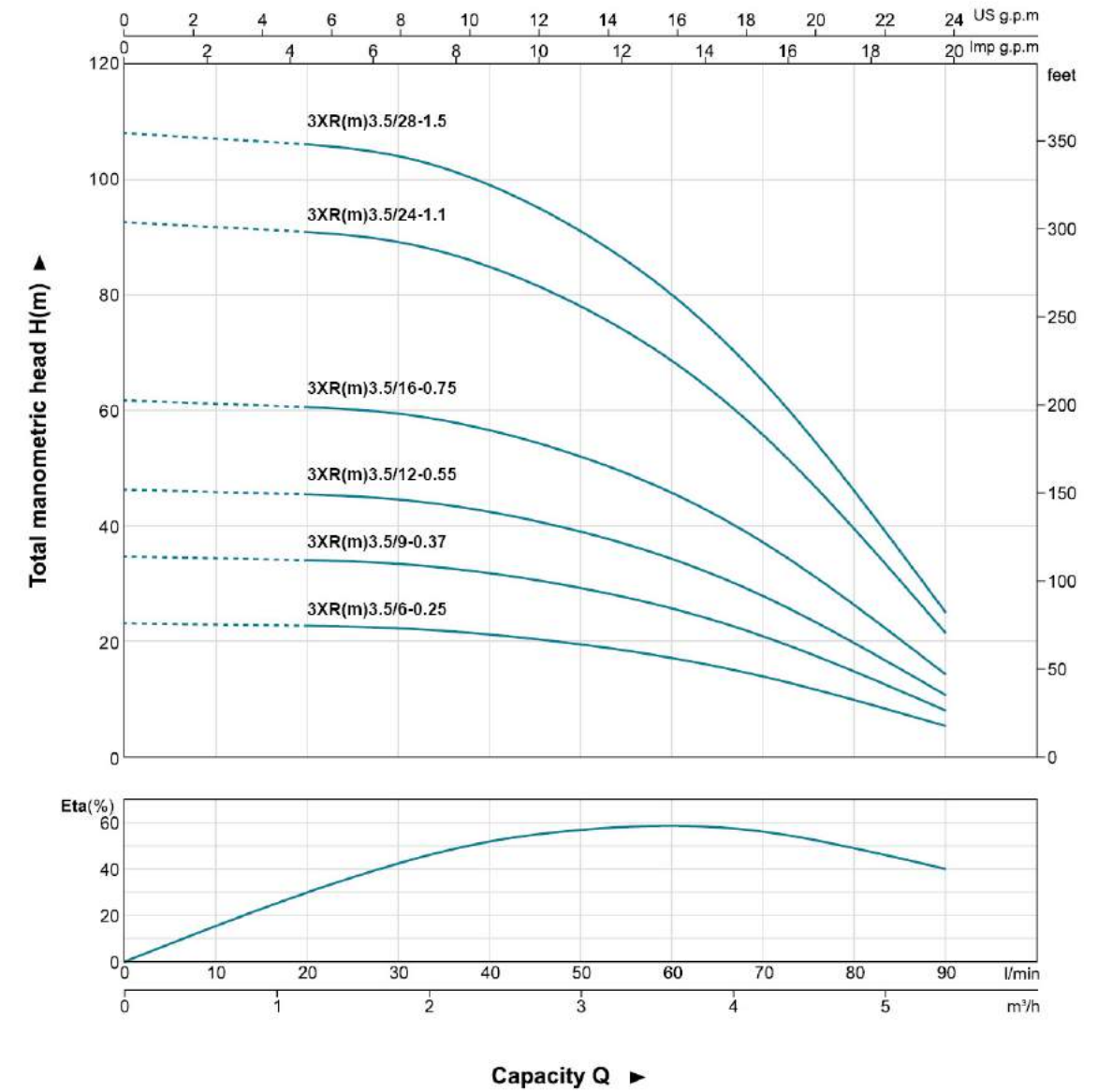
Technical Data

MODEL		P ₂		DELIVERY											n ≈ 2850 1/min											
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q	m ³ /h											l/min										
					0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	0	5	10	15	20	25	30	35	40	45		
3XRm1.8/8-0.18	3XR1.8/8-0.18	0.18	0.25	H(m)	35	34	34	33	32	29	26	22	17	11												
3XRm1.8/11-0.25	3XR1.8/11-0.25	0.25	0.33		48	47	47	46	44	40	36	30	24	15												
3XRm1.8/15-0.37	3XR1.8/15-0.37	0.37	0.5		65	64	64	63	60	55	49	41	33	21												
3XRm1.8/21-0.55	3XR1.8/21-0.55	0.55	0.75		91	90	90	88	84	77	68	58	46	29												
3XRm1.8/27-0.75	3XR1.8/27-0.75	0.75	1		117	116	115	113	107	99	88	75	59	38												
3XRm1.8/39-1.1	3XR1.8/39-1.1	1.1	1.5		168	168	167	163	155	143	127	108	85	55												
3XRm1.8/47-1.5	3XR1.8/47-1.5	1.5	2		203	202	201	196	187	172	153	130	102	66												

3XR 2.5



3XR 3.5



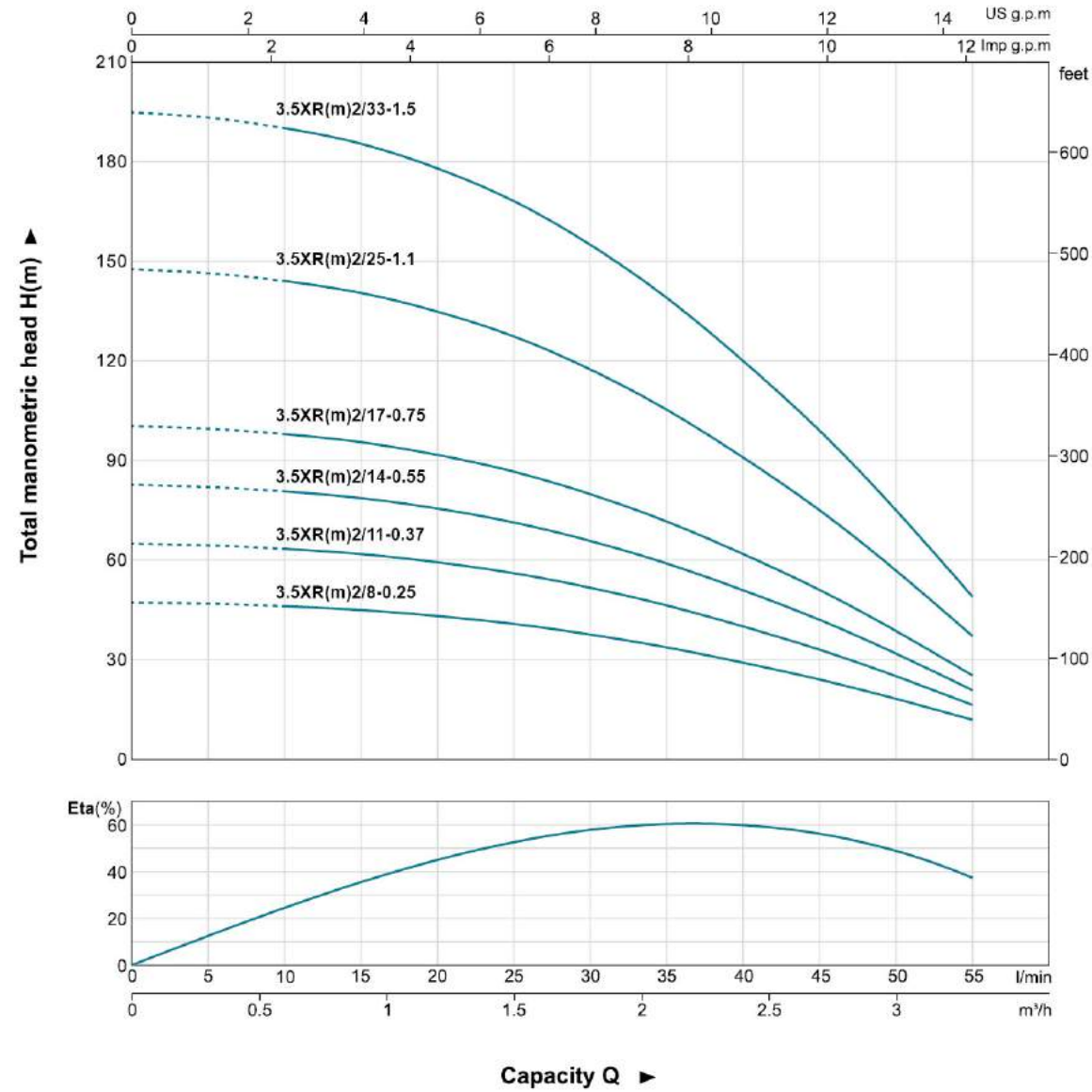
Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h													
					0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	
				l/min	0	5	10	15	20	25	30	35	40	45	50	55	60	
3XRm2.5/8-0.25	3XR2.5/8-0.25	0.25	0.33	H(m)	32	32	31	30	30	29	27	26	24	21	18	13	8	
3XRm2.5/11-0.37	3XR2.5/11-0.37	0.37	0.5		44	43	43	42	41	39	37	35	32	29	24	18	11	
3XRm2.5/16-0.55	3XR2.5/16-0.55	0.55	0.75		64	63	62	61	59	57	54	51	47	42	35	27	16	
3XRm2.5/21-0.75	3XR2.5/21-0.75	0.75	1		84	83	82	80	78	75	72	68	62	56	46	35	21	
3XRm2.5/31-1.1	3XR2.5/31-1.1	1.1	1.5		124	122	121	118	115	111	106	100	91	82	68	52	31	
3XRm2.5/37-1.5	3XR2.5/37-1.5	1.5	2		148	146	144	141	137	132	126	119	109	98	81	62	37	

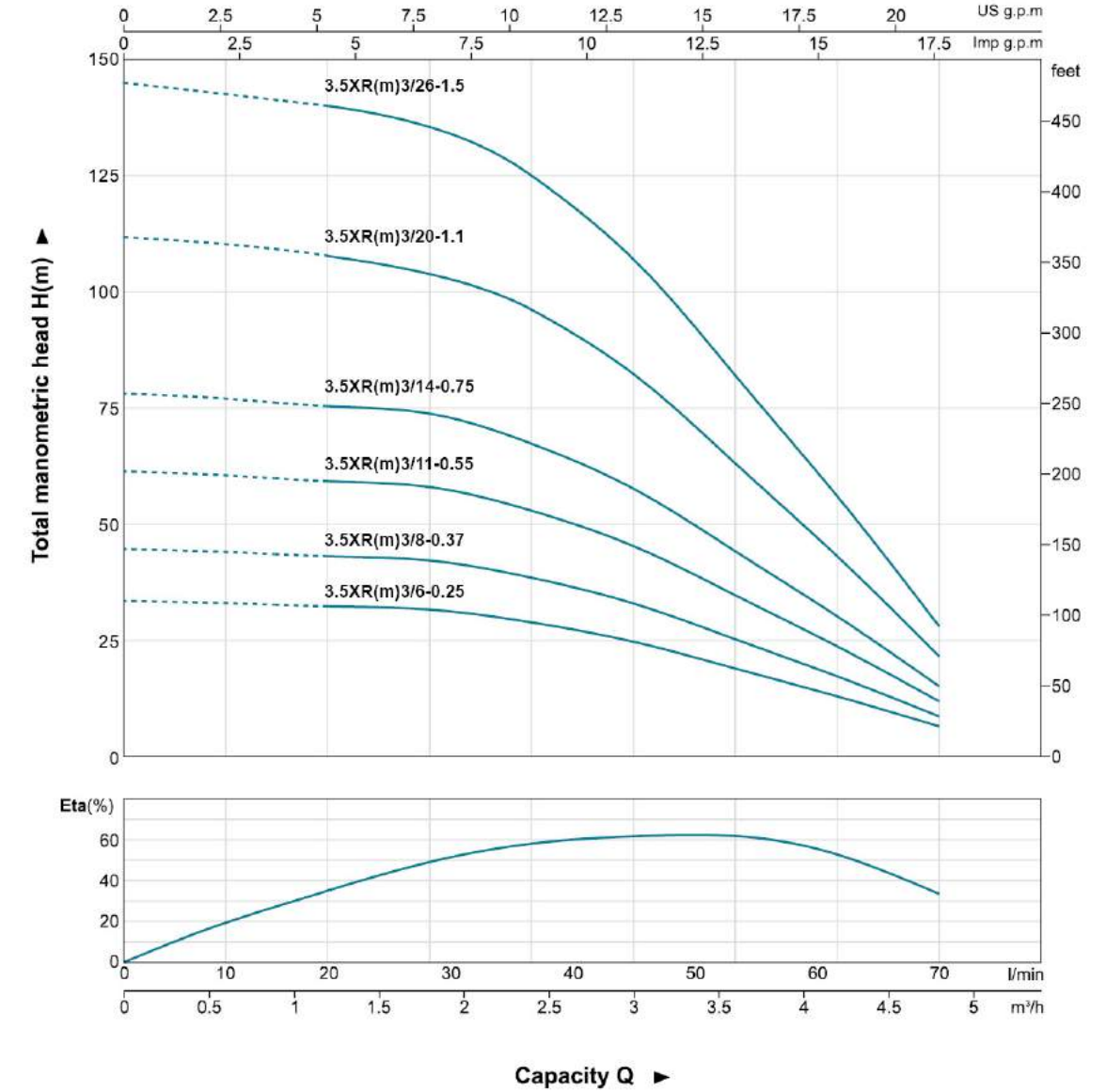
Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h													
					0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4				
				l/min	0	10	20	30	40	50	60	70	80	90				
3XRm3.5/6-0.25	3XR3.5/6-0.25	0.25	0.33	H(m)	23	23	23	22	21	20	17	14	10	5				
3XRm3.5/9-0.37	3XR3.5/9-0.37	0.37	0.5		35	34	34	33	32	29	26	21	15	8				
3XRm3.5/12-0.55	3XR3.5/12-0.55	0.55	0.75		46	46	45	45	42	39	34	28	20	11				
3XRm3.5/16-0.75	3XR3.5/16-0.75	0.75	1		62	61	61	59	57	52	46	37	26	14				
3XRm3.5/24-1.1	3XR3.5/24-1.1	1.1	1.5		93	92	91	89	85	78	69	56	39	21				
3XRm3.5/28-1.5	3XR3.5/28-1.5	1.5	2		108	107	106	104	99	91	80	65	46	25				

3.5XR 2



3.5XR 3



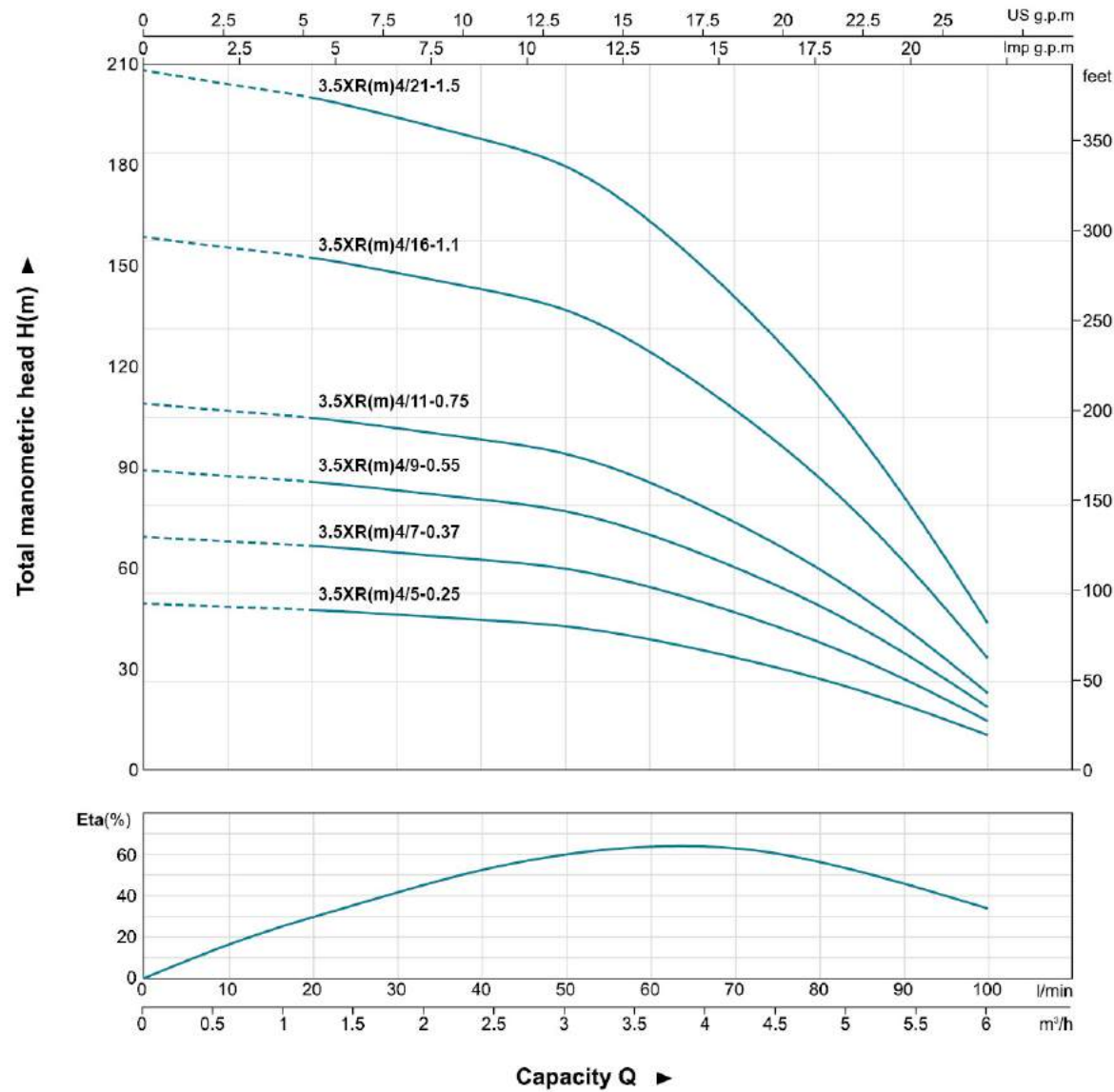
Technical Data

MODEL		P ₂		DELIVERY													n ≈ 2850 1/min											
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q	m³/h													l/min										
				0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	0	5	10	15	20	25	30	35	40	45	50	55	
3.5XRm2/8-0.25	3.5XR2/8-0.25	0.25	0.33	H(m)	47	47	46	45	43	41	38	34	29	24	18	12	47	46	45	43	41	38	34	29	24	18	12	
3.5XRm2/11-0.37	3.5XR2/11-0.37	0.37	0.5		65	64	63	62	59	56	52	46	40	33	25	16	65	64	63	62	59	56	52	46	40	33	25	16
3.5XRm2/14-0.55	3.5XR2/14-0.55	0.55	0.75		83	82	81	78	76	71	66	59	51	42	32	21	83	82	81	78	76	71	66	59	51	42	32	21
3.5XRm2/17-0.75	3.5XR2/17-0.75	0.75	1		100	99	98	95	92	87	80	72	62	51	39	25	100	99	98	95	92	87	80	72	62	51	39	25
3.5XRm2/25-1.1	3.5XR2/25-1.1	1.1	1.5		148	146	144	140	135	127	117	105	91	75	57	37	148	146	144	140	135	127	117	105	91	75	57	37
3.5XRm2/33-1.5	3.5XR2/33-1.5	1.5	2		195	193	190	185	178	168	155	139	120	99	75	49	195	193	190	185	178	168	155	139	120	99	75	49

Technical Data

MODEL		P ₂		DELIVERY													n ≈ 2850 1/min					
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q	m³/h													l/min				
				0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	0	10	20	30	40	50	60	70	80	
3.5XRm3/6-0.25	3.5XR3/6-0.25	0.25	0.33	H(m)	33	33	32	32	29	25	19	13	6	33	33	32	32	29	25	19	13	6
3.5XRm3/8-0.37	3.5XR3/8-0.37	0.37	0.5		45	44	43	42	38	33	25	17	9	45	44	43	42	38	33	25	17	9
3.5XRm3/11-0.55	3.5XR3/11-0.55	0.55	0.75		61	61	59	58	53	45	35	24	12	61	61	59	58	53	45	35	24	12
3.5XRm3/14-0.75	3.5XR3/14-0.75	0.75	1		78	77	75	74	67	58	44	30	15	78	77	75	74	67	58	44	30	15
3.5XRm3/20-1.1	3.5XR3/20-1.1	1.1	1.5		112	110	108	105	96	82	63	43	22	112	110	108	105	96	82	63	43	22
3.5XRm3/26-1.5	3.5XR3/26-1.5	1.5	2		145	143	140	137	125	107	82	56	28	145	143	140	137	125	107	82	56	28

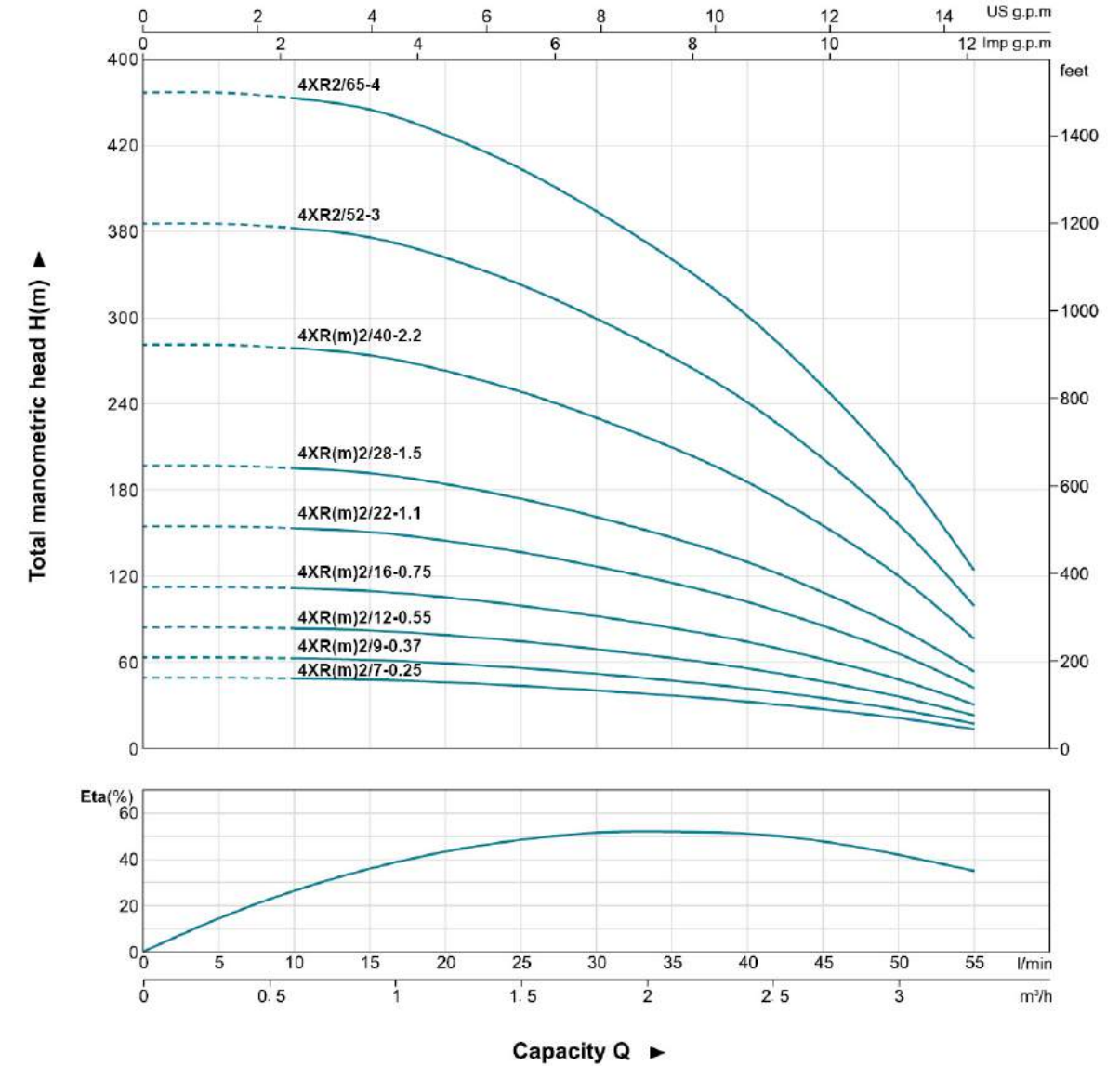
3.5XR 4



Technical Data

MODEL		P ₂		DELIVERY												
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	n ≈ 2850 1/min												
				Q	m ³ /h											
					0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	
					0	10	20	30	40	50	60	70	80	90	100	
3.5XRm4/5-0.25	3.5XR4/5-0.25	0.25	0.33	H(m)	28	28	27	26	25	25	22	19	15	11	6	
3.5XRm4/7-0.37	3.5XR4/7-0.37	0.37	0.5		40	39	38	37	36	34	31	27	22	16	8	
3.5XRm4/9-0.55	3.5XR4/9-0.55	0.55	0.75		51	50	49	48	46	44	40	34	28	20	11	
3.5XRm4/11-0.75	3.5XR4/11-0.75	0.75	1		62	61	60	58	56	54	49	42	34	25	13	
3.5XRm4/16-1.1	3.5XR4/16-1.1	1.1	1.5		91	89	87	85	82	78	71	61	50	36	19	
3.5XRm4/21-1.5	3.5XR4/21-1.5	1.5	2		119	117	114	111	107	103	93	80	65	47	25	

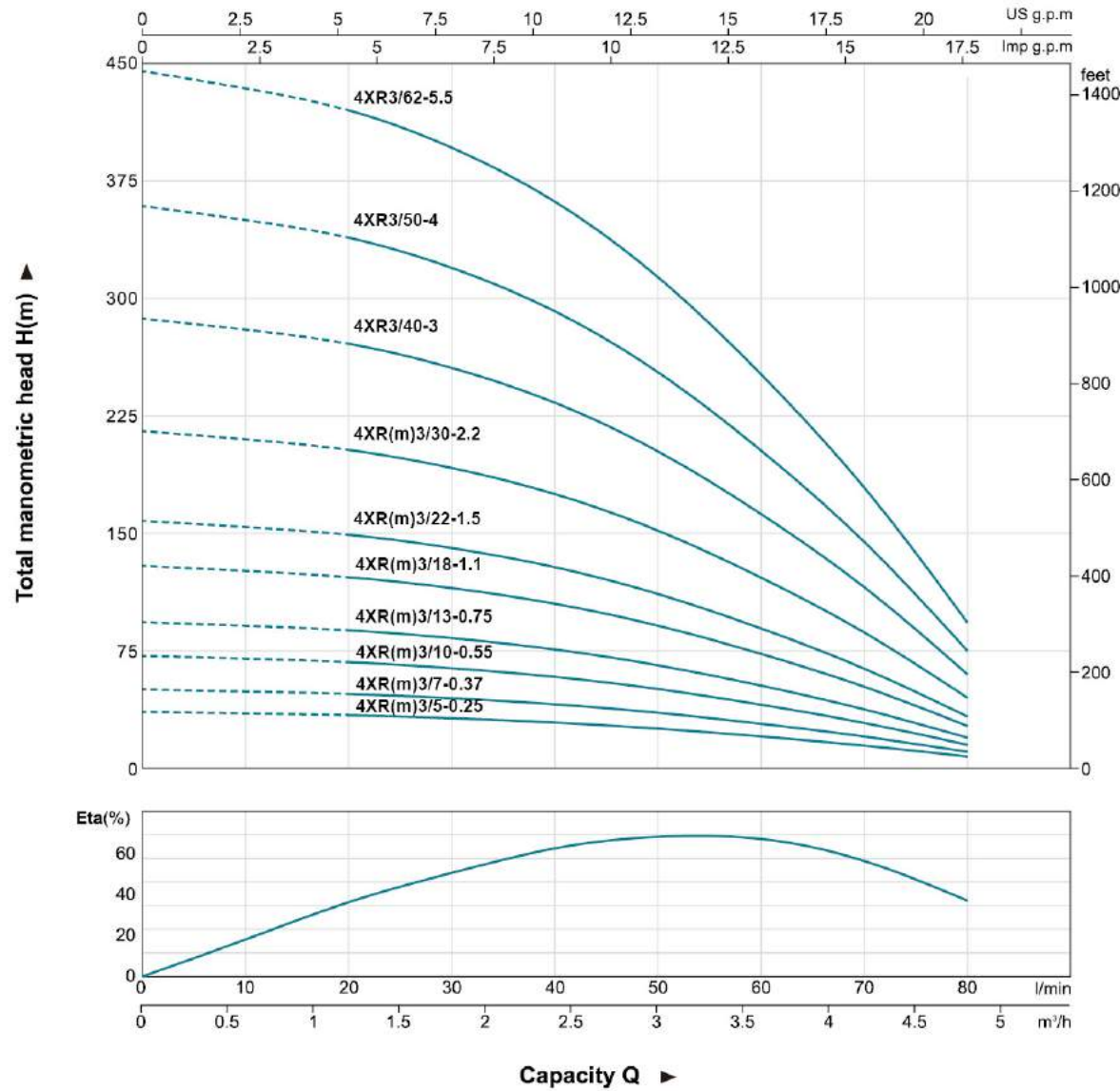
4XR 2



Technical Data

MODEL		P ₂		DELIVERY												
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	n ≈ 2850 1/min												
				Q	m ³ /h											
					0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
					0	5	10	15	20	25	30	35	40	45	50	55
4XRm2/7-0.25	4XR2/7-0.25	0.25	0.33	H(m)	49	49	49	48	46	44	40	37	32	27	21	13
4XRm2/9-0.37	4XR2/9-0.37	0.37	0.5		63	63	63	62	59	56	52	47	42	35	27	17
4XRm2/12-0.55	4XR2/12-0.55	0.55	0.75		84	84	84	82	79	75	69	63	56	47	36	23
4XRm2/16-0.75	4XR2/16-0.75	0.75	1		112	112	112	110	105	99	92	84	74	62	48	31
4XRm2/22-1.1	4XR2/22-1.1	1.1	1.5		155	155	153	151	145	137	127	115	102	85	66	42
4XRm2/28-1.5	4XR2/28-1.5	1.5	2		197	197	195	192	184	174	161	147	130	109	84	53
4XRm2/40-2.2	4XR2/40-2.2	2.2	3		281	281	279	274	263	249	230	210	185	155	120	76
-	4XR2/52-3	3	4		366	366	362	356	342	323	299	273	241	202	156	99
-	4XR2/65-4	4	5.5		457	457	453	445	427	404	374	341	301	252	195	124

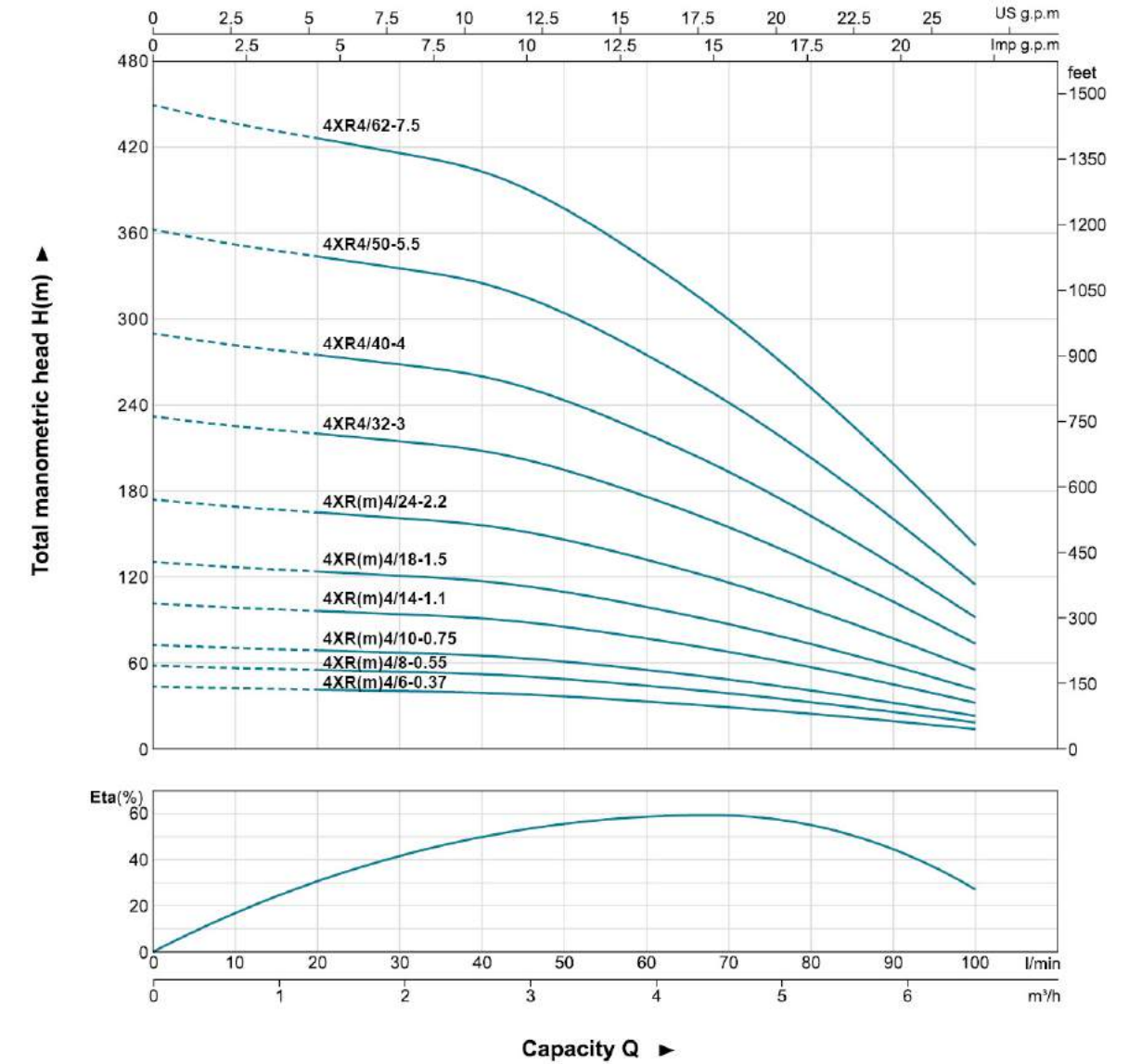
4XR 3



Technical Data

MODEL		P ₂		DELIVERY										n ≈ 2850 1/min	
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8		
				m ³ /h	0	10	20	30	40	50	60	70	80		
				l/min	0	10	20	30	40	50	60	70	80		
4XRm3/5-0.25	4XR3/5-0.25	0.25	0.33	H(m)	36	35	34	32	29	25	20	14	7		
4XRm3/7-0.37	4XR3/7-0.37	0.37	0.5		50	49	47	45	41	35	28	20	10		
4XRm3/10-0.55	4XR3/10-0.55	0.55	0.75		72	70	68	64	58	50	40	29	15		
4XRm3/13-0.75	4XR3/13-0.75	0.75	1		93	91	88	83	76	66	53	38	19		
4XRm3/18-1.1	4XR3/18-1.1	1.1	1.5		129	126	122	115	105	91	73	52	27		
4XRm3/22-1.5	4XR3/22-1.5	1.5	2		158	154	149	141	128	111	89	64	33		
4XRm3/30-2.2	4XR3/30-2.2	2.2	3		215	210	203	192	175	151	121	87	45		
-	4XR3/40-3	3	4		287	280	271	255	234	202	162	115	60		
-	4XR3/50-4	4	5.5		359	350	339	319	292	252	202	144	75		
-	4XR3/62-5.5	5.5	7.5		445	434	420	396	362	313	251	179	93		

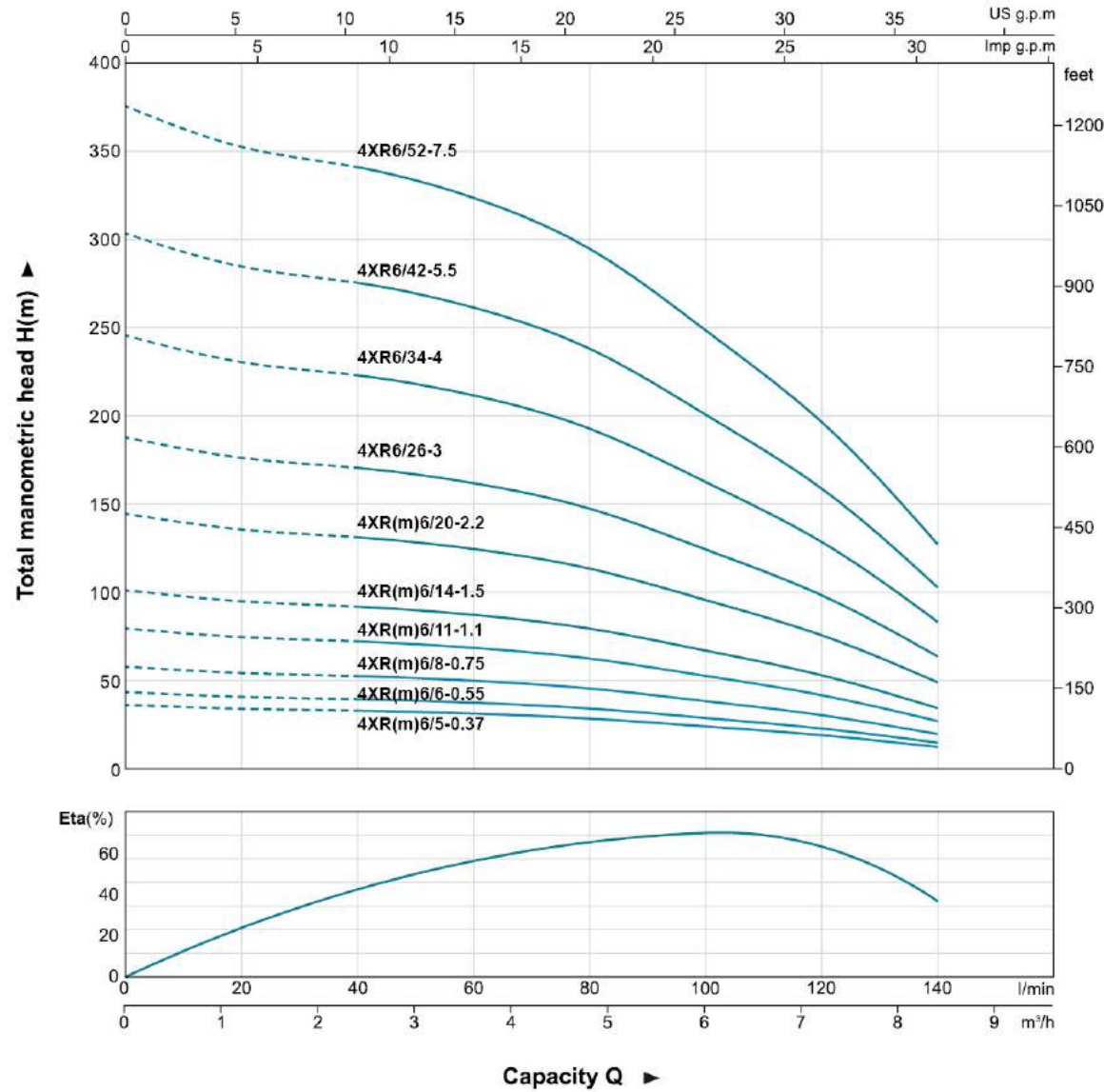
4XR 4



Technical Data

MODEL		P ₂		DELIVERY										n ≈ 2850 1/min	
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
				m ³ /h	0	10	20	30	40	50	60	70	80	90	100
				l/min	0	10	20	30	40	50	60	70	80	90	100
4XRm4/6-0.37	4XR4/6-0.37	0.37	0.5	H(m)	44	42	41	40	39	36	33	29	24	19	14
4XRm4/8-0.55	4XR4/8-0.55	0.55	0.75		58	56	55	54	52	49	44	39	33	26	18
4XRm4/10-0.75	4XR4/10-0.75	0.75	1		73	70	69	67	65	61	55	48	41	32	23
4XRm4/14-1.1	4XR4/14-1.1	1.1	1.5		102	98	96	94	91	85	77	68	57	45	32
4XRm4/18-1.5	4XR4/18-1.5	1.5	2		131	127	124	121	117	109	99	87	73	58	41
4XRm4/24-2.2	4XR4/24-2.2	2.2	3		174	169	165	161	156	146	132	116	98	77	55
-	4XR4/32-3	3	4		232	225	220	215	208	195	176	155	130	103	73
-	4XR4/40-4	4	5.5		290	281	275	268	260	243	220	194	163	128	92
-	4XR4/50-5.5	5.5	7.5		363	352	344	335	325	304	275	242	203	160	115
-	4XR4/62-7.5	7.5	10		450	436	426	416	403	377	341	300	252	199	142

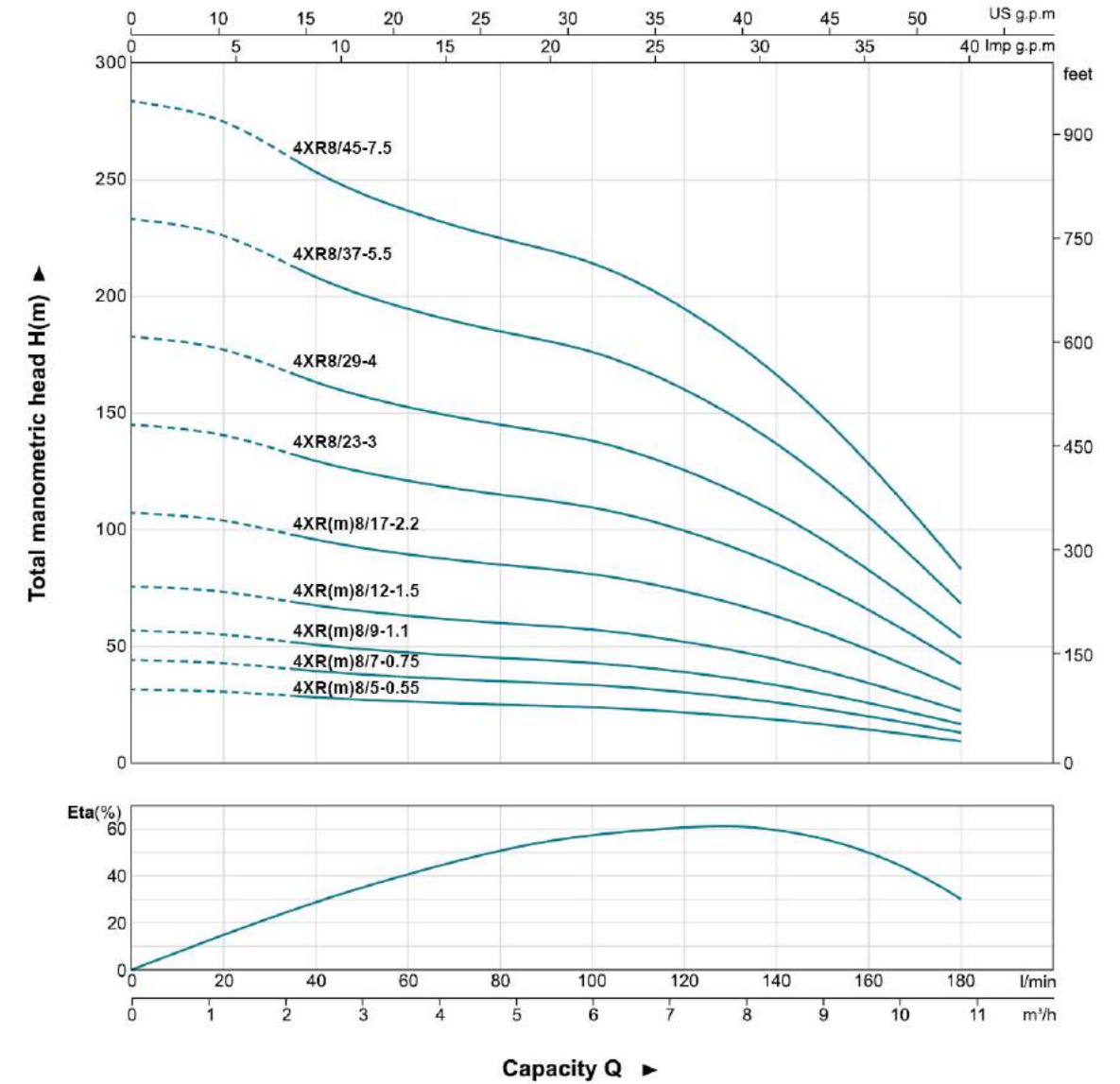
4XR 6



Technical Data

MODEL		P ₂		DELIVERY								n ≈ 2850 1/min		
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4		
				l/min	0	20	40	60	80	100	120	140		
4XRm6/5-0.37	4XR6/5-0.37	0.37	0.5	H(m)	36	34	33	31	28	24	19	12		
4XRm6/6-0.55	4XR6/6-0.55	0.55	0.75		43	41	39	37	34	29	23	15		
4XRm6/8-0.75	4XR6/8-0.75	0.75	1		58	54	52	50	45	38	30	20		
4XRm6/11-1.1	4XR6/11-1.1	1.1	1.5		80	74	72	69	62	52	41	27		
4XRm6/14-1.5	4XR6/14-1.5	1.5	2		101	95	92	87	79	67	53	34		
4XRm6/20-2.2	4XR6/20-2.2	2.2	3		145	135	131	125	113	95	75	49		
-	4XR6/26-3	3	4		188	176	171	162	147	124	98	63		
-	4XR6/34-4	4	5.5		246	230	223	212	193	162	128	83		
-	4XR6/42-5.5	5.5	7.5		304	284	275	262	238	200	158	103		
-	4XR6/52-7.5	7.5	10		376	352	341	324	295	248	196	127		

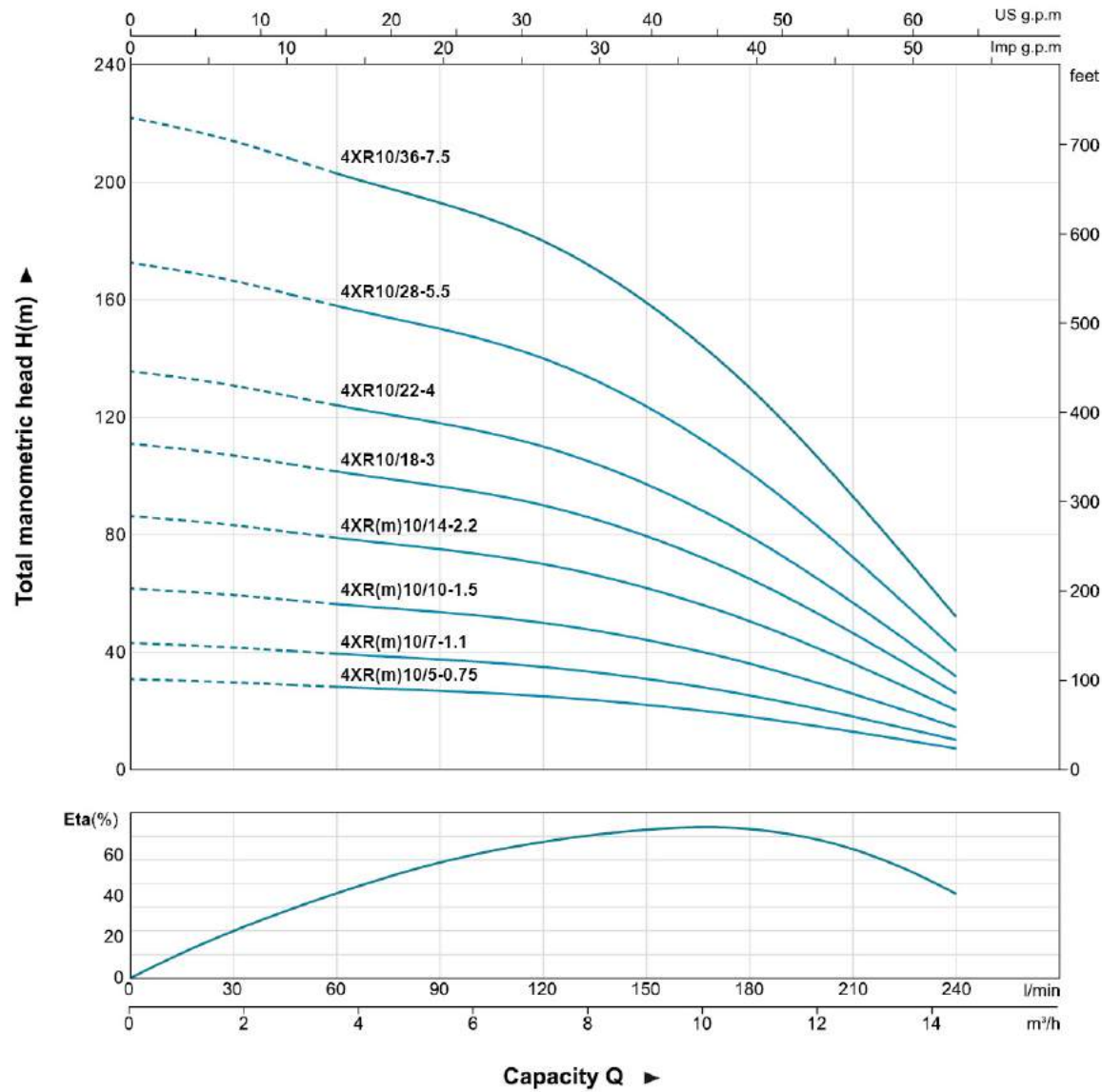
4XR 8



Technical Data

MODEL		P ₂		DELIVERY										n ≈ 2850 1/min		
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8		
				l/min	0	20	40	60	80	100	120	140	160	180		
4XRm8/5-0.55	4XR8/5-0.55	0.55	0.75	H(m)	32	31	28	26	25	24	22	18	14	9		
4XRm8/7-0.75	4XR8/7-0.75	0.75	1		44	43	39	37	35	33	30	26	20	13		
4XRm8/9-1.1	4XR8/9-1.1	1.1	1.5		57	55	51	47	45	43	39	33	26	17		
4XRm8/12-1.5	4XR8/12-1.5	1.5	2		76	73	67	63	60	57	52	44	34	22		
4XRm8/17-2.2	4XR8/17-2.2	2.2	3		107	104	96	90	85	81	74	63	48	31		
-	4XR8/23-3	3	4		145	141	129	121	115	109	100	85	65	42		
-	4XR8/29-4	4	5.5		183	177	163	153	145	138	126	107	82	53		
-	4XR8/37-5.5	5.5	7.5		234	226	208	195	185	176	160	136	105	68		
-	4XR8/45-7.5	7.5	10		284	275	253	237	225	214	195	166	128	83		

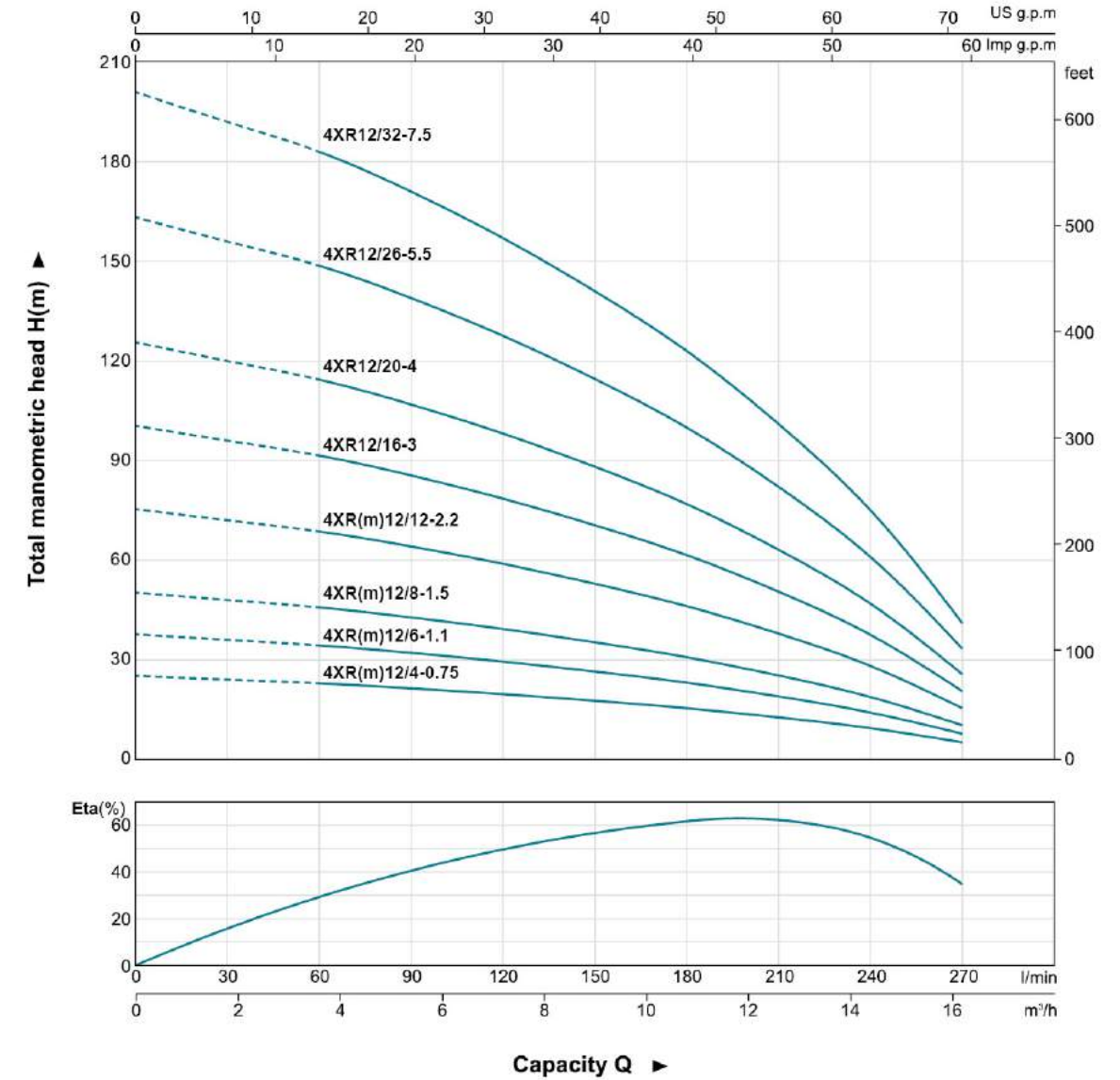
4XR 10



Technical Data

MODEL		P ₂		DELIVERY										n ≈ 2850 1/min	
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	H(m)	
				m ³ /h	0	30	60	90	120	150	180	210	240	0	240
4XRm10/5-0.75	4XR10/5-0.75	0.75	1	l/min	31	30	28	27	25	22	18	13	7		
4XRm10/7-1.1	4XR10/7-1.1	1.1	1.5		43	42	39	38	35	31	25	18	10		
4XRm10/10-1.5	4XR10/10-1.5	1.5	2		62	59	56	54	50	44	36	26	14		
4XRm10/14-2.2	4XR10/14-2.2	2.2	3		99	83	79	75	70	62	51	36	20		
-	4XR10/18-3	3	4		123	107	101	96	90	79	65	46	26		
-	4XR10/22-4	4	5.5		154	131	124	118	110	97	79	57	32		
-	4XR10/28-5.5	5.5	7.5		197	190	158	150	140	124	101	72	40		
-	4XR10/36-7.5	7.5	10		222	214	203	193	180	159	130	93	52		

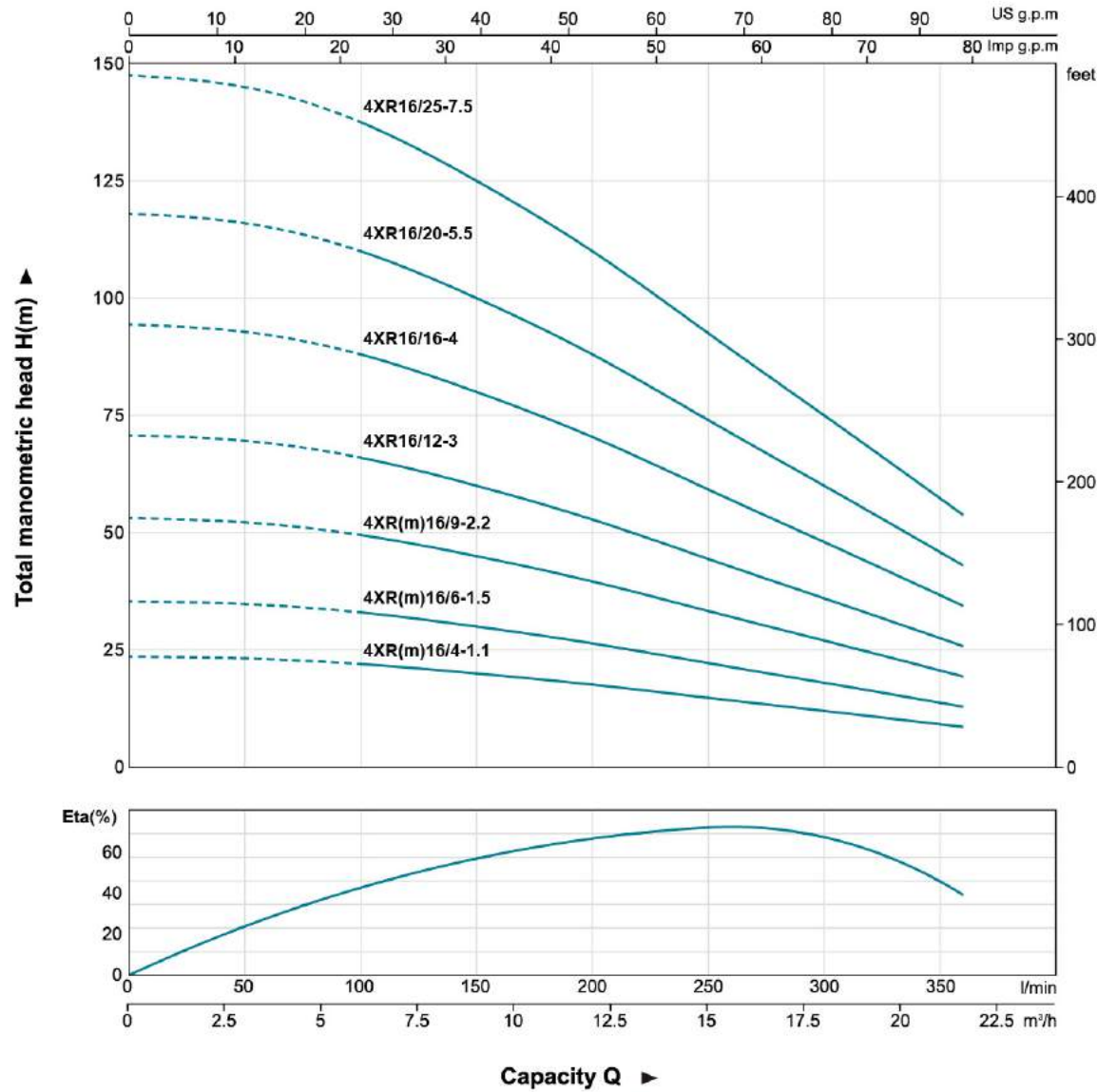
4XR 12



Technical Data

MODEL		P ₂		DELIVERY											n ≈ 2850 1/min	
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	H(m)	
				m ³ /h	0	30	60	90	120	150	180	210	240	270	0	270
4XRm12/4-0.75	4XR12/4-0.75	0.75	1	l/min	25	24	23	21	20	18	15	13	9	5		
4XRm12/6-1.1	4XR12/6-1.1	1.1	1.5		38	36	34	32	29	26	23	19	14	8		
4XRm12/8-1.5	4XR12/8-1.5	1.5	2		50	48	46	43	39	35	31	25	19	10		
4XRm12/12-2.2	4XR12/12-2.2	2.2	3		75	72	69	64	59	53	46	38	28	15		
-	4XR12/16-3	3	4		101	96	92	86	79	71	62	51	38	21		
-	4XR12/20-4	4	5.5		126	120	114	107	98	88	77	63	47	26		
-	4XR12/26-5.5	5.5	7.5		163	156	149	139	128	115	100	82	61	33		
-	4XR12/32-7.5	7.5	10		201	192	183	171	157	141	123	101	75	41		

4XR 16



Technical Data

MODEL		P ₂		DELIVERY										
1 - 220 - 240V	3 - 380 - 415V	kW	HP	Q	n ≈ 2850 1/min									
					m³/h	0	3	6	9	12	15	18	21	
4XRm16/4-1.1	4XR16/4-1.1	1.1	1.5	H(m)	0	50	100	150	200	250	300	350		
4XRm16/6-1.5	4XR16/6-1.5	1.5	2		24	23	22	20	18	15	12	9		
4XRm16/9-2.2	4XR16/9-2.2	2.2	3		36	35	33	30	26	22	18	13		
-	4XR16/12-3	3	4		53	52	50	45	40	33	27	19		
-	4XR16/16-4	4	5.5		71	70	66	60	53	45	36	26		
-	4XR16/20-5.5	5.5	7.5		95	93	88	80	70	60	48	35		
-	4XR16/25-7.5	7.5	10		118	116	110	100	88	74	60	43		
					148	145	138	125	110	93	75	54		

4XRS

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°C
- Maximum sand content: 0.25%
- Maximum immersion: 80m
- Minimum well diameter: 4"

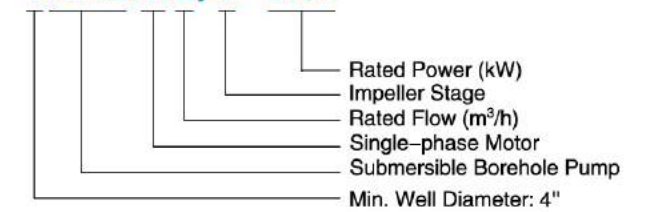
Motor and Pump

- Rewindable motor or full obturated screen motor
- **Three-phase:** 380V-415V/50Hz
- **Single-phase:** 220V-240V/50Hz
- Equip with start control box or digital auto-control box
- **NEMA** dimension standards
- Curve tolerance according to ISO 9906

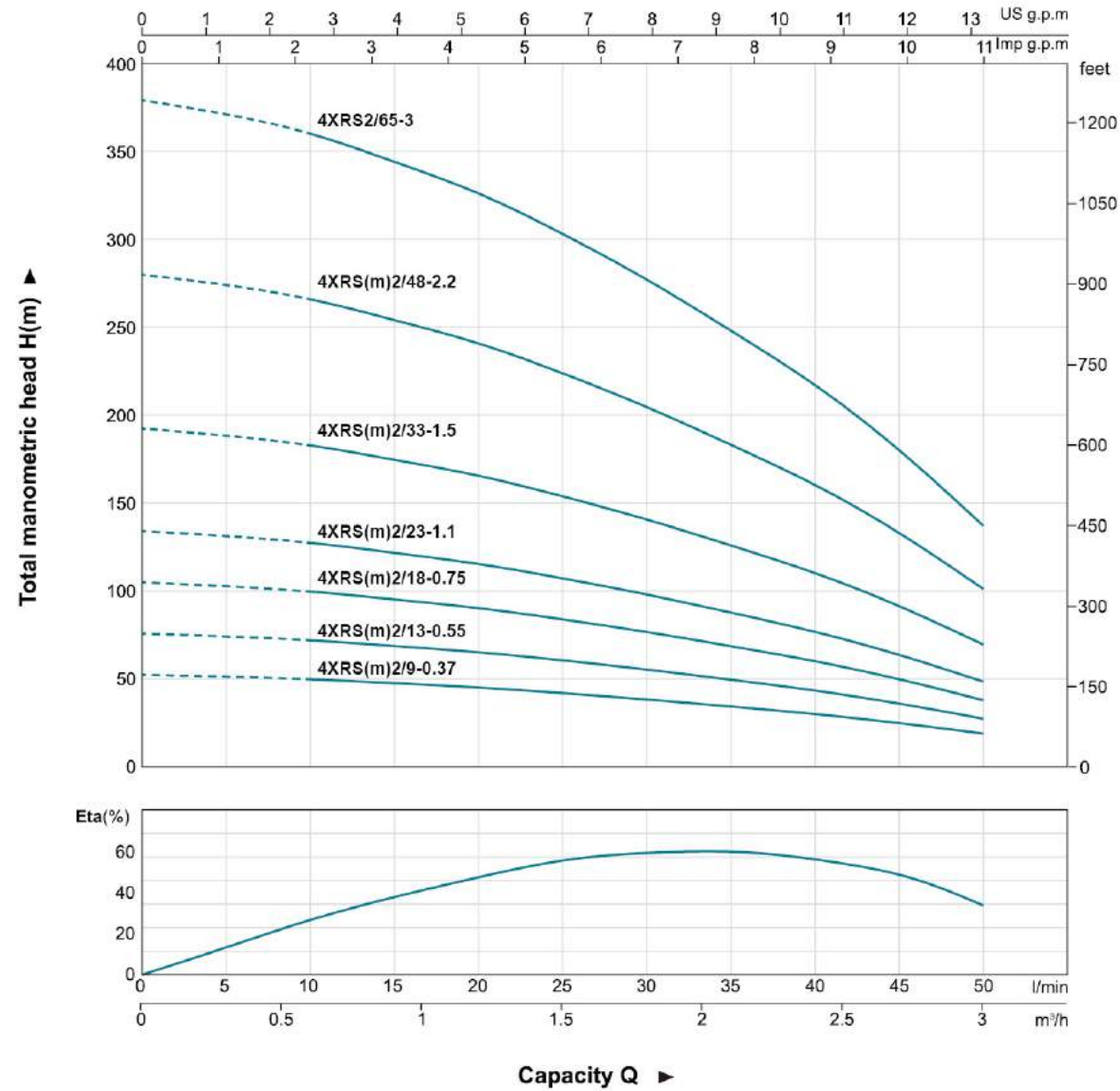


Components	Material
Delivery casing	AISI 304 SS
Check valve	AISI 304 SS
Suction lantern	AISI 304 SS
Stage casing	AISI 304 SS
Impeller	AISI 304 SS
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well (carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK / C&U
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

4XRSm2/9-0.37



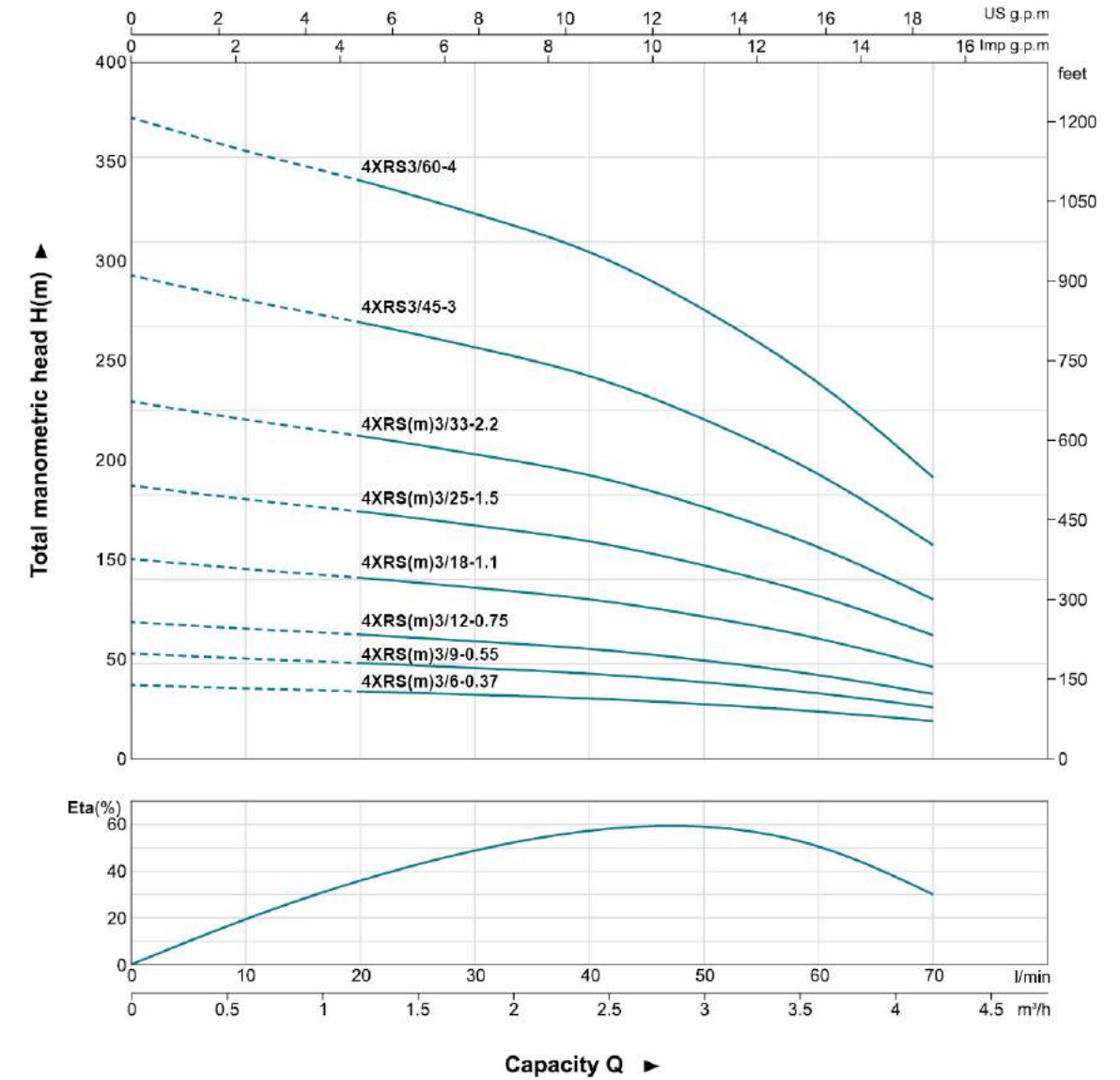
4XRS 2



Technical Data

MODEL		P ₂		DELIVERY n ≈ 2850 1/min												
1 - 220 - 240V	3 - 380 - 415V	kW	HP	Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	
				m ³ /h	0	5	10	15	20	25	30	35	40	45	50	
4XRSm2/9-0.37	4XRS2/9-0.37	0.37	0.5	H(m)	52	51	50	48	45	42	38	34	30	25	19	
4XRSm2/13-0.55	4XRS2/13-0.55	0.55	0.75		76	74	72	69	65	61	55	50	43	36	27	
4XRSm2/18-0.75	4XRS2/18-0.75	0.75	1		105	103	100	95	90	84	77	69	60	50	38	
4XRSm2/23-1.1	4XRS2/23-1.1	1.1	1.5		134	131	127	122	115	107	98	88	77	64	48	
4XRSm2/33-1.5	4XRS2/33-1.5	1.5	2		192	188	183	175	166	154	141	126	110	91	70	
4XRSm2/48-2.2	4XRS2/48-2.2	2.2	3		280	274	266	254	241	224	205	183	160	133	101	
-	4XRS2/65-3	3	4		379	371	360	344	326	303	277	248	217	180	137	

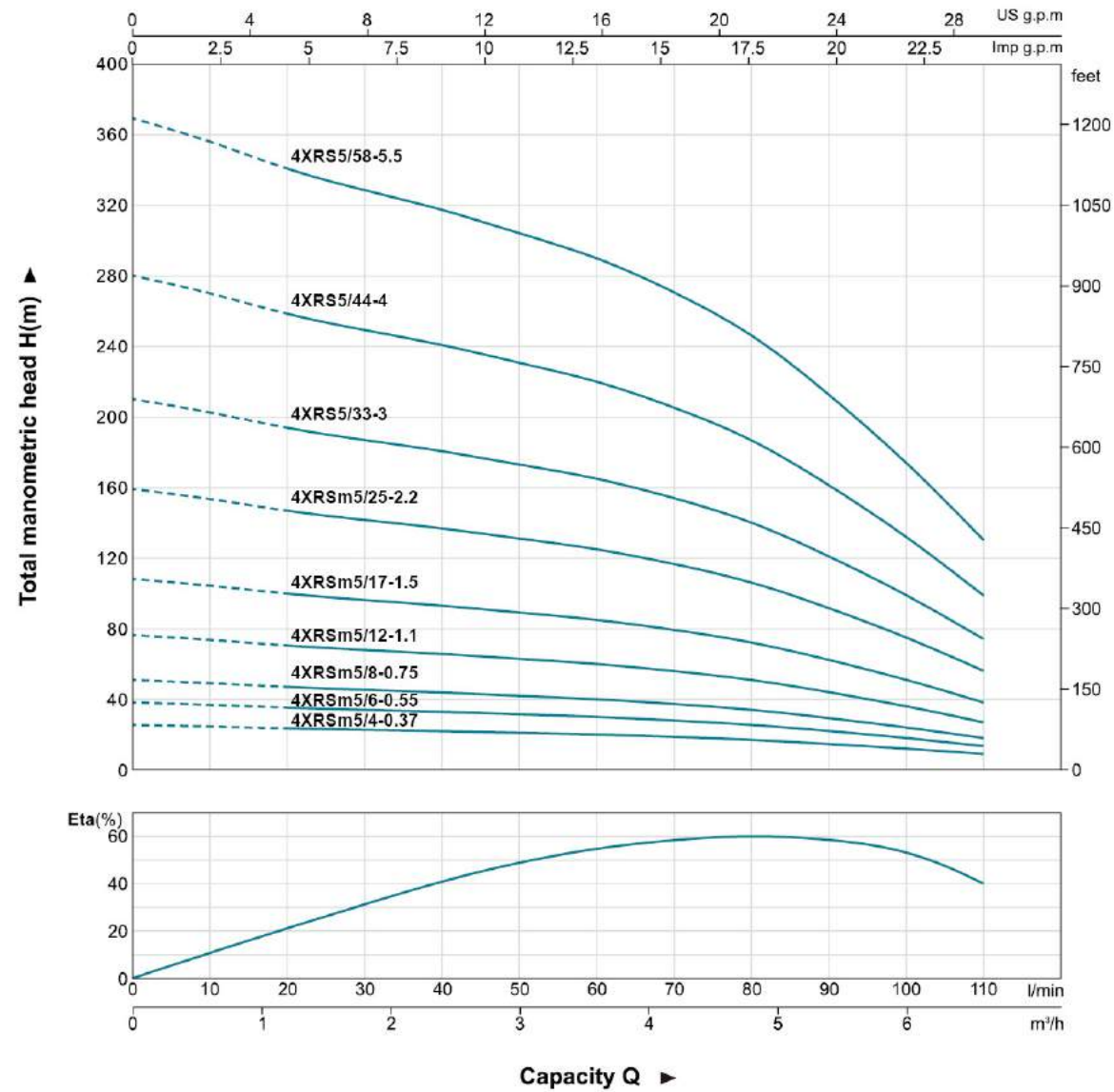
4XRS 3



Technical Data

MODEL		P ₂		DELIVERY n ≈ 2850 1/min												
1 - 220 - 240V	3 - 380 - 415V	kW	HP	Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2				
				m ³ /h	0	10	20	30	40	50	60	70				
4XRSm3/6-0.37	4XRS3/6-0.37	0.37	0.5	H(m)	37	35	34	32	29	26	22	16				
4XRSm3/9-0.55	4XRS3/9-0.55	0.55	0.75		56	53	50	48	44	39	32	24				
4XRSm3/12-0.75	4XRS3/12-0.75	0.75	1		75	71	67	63	59	52	43	32				
4XRSm3/18-1.1	4XRS3/18-1.1	1.1	1.5		112	106	101	95	88	78	65	48				
4XRSm3/25-1.5	4XRS3/25-1.5	1.5	2		155	148	140	132	123	108	90	67				
4XRSm3/33-2.2	4XRS3/33-2.2	2.2	3		205	195	185	174	162	143	119	88				
-	4XRS3/45-3	3	4		280	266	252	238	221	195	162	120				
-	4XRS3/60-4	4	5.5		373	354	336	317	294	260	216	160				

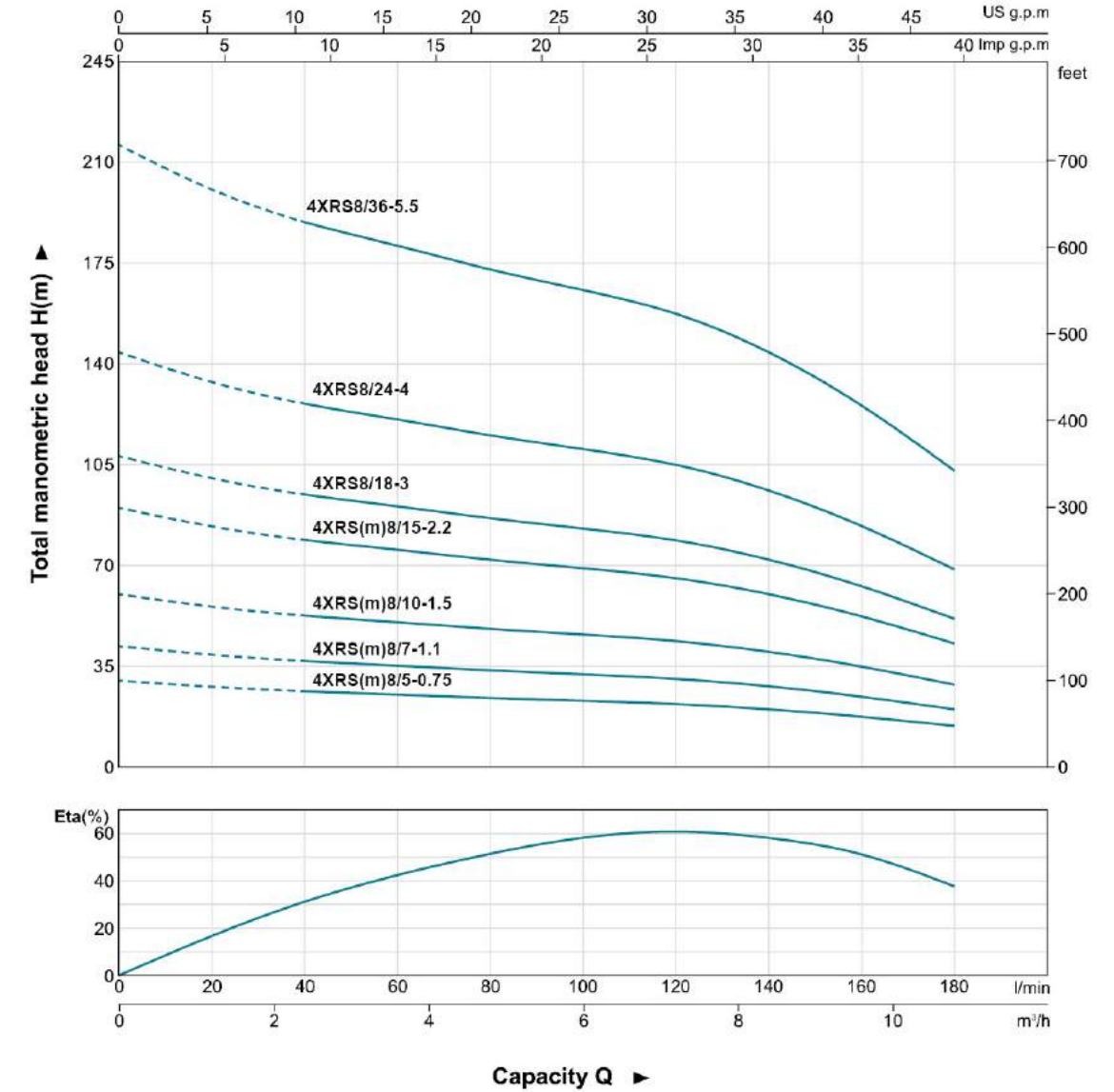
4XRS 5



Technical Data

MODEL		P ₂		DELIVERY													
1~ 220 - 240V	3~ 380 - 415V	kW	HP	n≈2850 1/min													
				Q	H(m)												
				m ³ /h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	
				l/min	0	10	20	30	40	50	60	70	80	90	100	110	
4XRSm5/4-0.37	4XRS5/4-0.37	0.37	0.5	H(m)	25	25	24	23	22	21	20	19	17	15	12	9	
4XRSm5/6-0.55	4XRS5/6-0.55	0.55	0.75		38	37	35	34	33	31	30	28	25	22	18	13	
4XRSm5/8-0.75	4XRS5/8-0.75	0.75	1		51	49	47	45	44	42	40	37	34	29	24	18	
4XRSm5/12-1.1	4XRS5/12-1.1	1.1	1.5		76	74	71	68	66	63	60	56	51	44	36	27	
4XRSm5/17-1.5	4XRS5/17-1.5	1.5	2		108	104	100	96	93	89	85	79	72	62	51	38	
4XRSm5/25-2.2	4XRS5/25-2.2	2.2	3		159	153	147	142	137	131	125	117	106	92	75	56	
-	4XRS5/33-3	3	4		210	202	194	187	180	173	165	154	140	121	99	74	
-	4XRS5/44-4	4	5.5		280	270	259	249	241	231	220	205	187	161	132	99	
-	4XRS5/58-5.5	5.5	7.5		369	356	341	329	317	304	290	271	246	213	174	130	

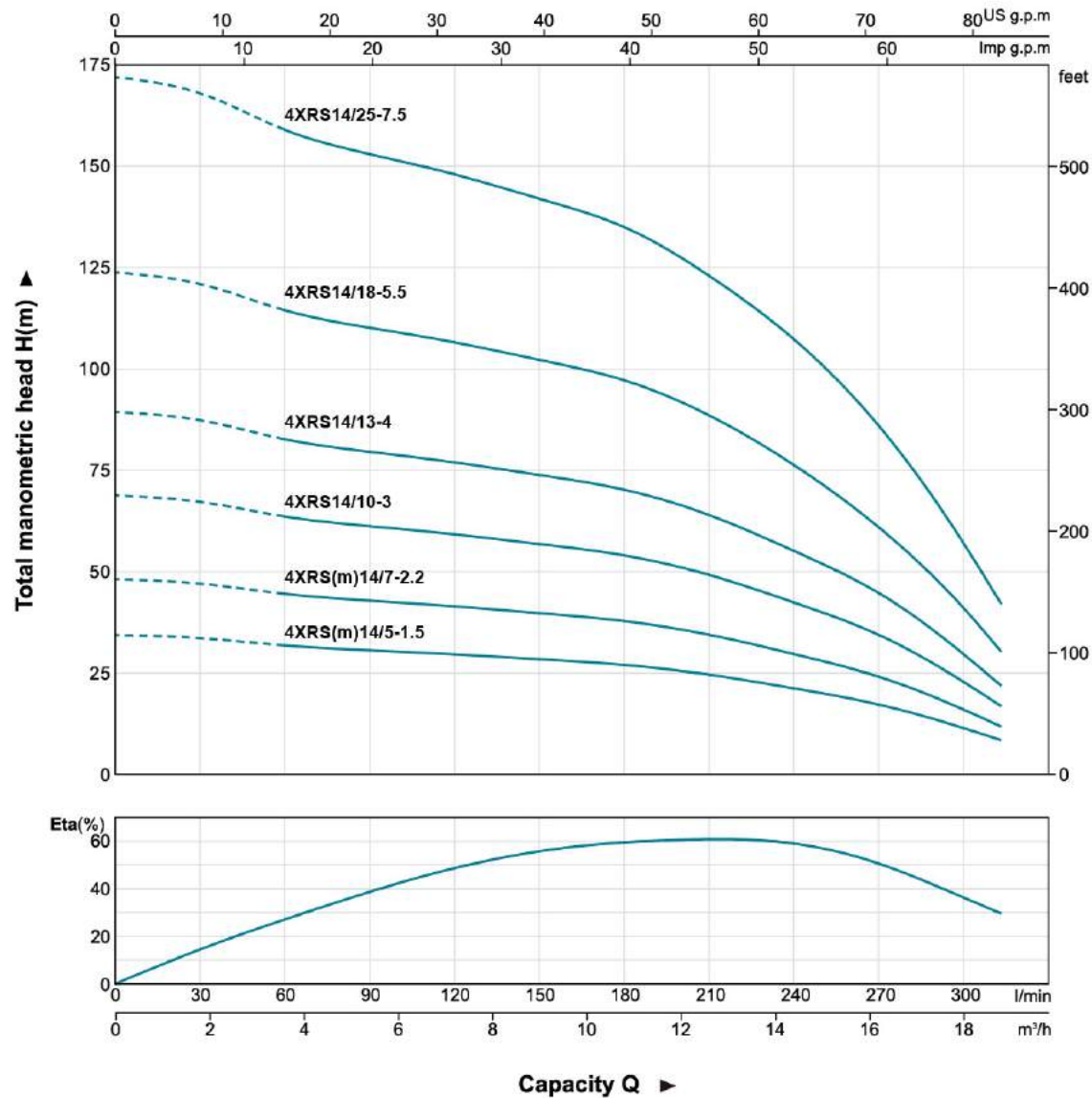
4XRS 8



Technical Data

MODEL		P ₂		DELIVERY													
1~ 220 - 240V	3~ 380 - 415V	kW	HP	n≈2850 1/min													
				Q	H(m)												
				m ³ /h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8			
				l/min	0	20	40	60	80	100	120	140	160	180			
4XRSm8/5-0.75	4XRS8/5-0.75	0.75	1	H(m)	30	28	26	25	24	23	22	20	17	14			
4XRSm8/7-1.1	4XRS8/7-1.1	1.1	1.5		42	39	37	35	34	32	31	28	24	20			
4XRSm8/10-1.5	4XRS8/10-1.5	1.5	2		60	56	53	50	48	46	44	40	35	29			
4XRSm8/15-2.2	4XRS8/15-2.2	2.2	3		90	84	79	75	72	69	66	60	52	43			
-	4XRS8/18-3	3	4		108	100	95	91	86	83	79	72	63	51			
-	4XRS8/24-4	4	5.5		144	134	126	121	115	110	105	96	84	69			
-	4XRS8/36-5.5	5.5	7.5		216	201	189	181	173	166	157	144	125	103			

4XRS 14



Technical Data

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	H(m)													
					m³/h l/min	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18		
4XRSm14/5-1.5	4XRS14/5-1.5	1.5	2		34	34	32	31	30	28	27	25	21	17	11			
4XRSm14/7-2.2	4XRS14/7-2.2	2.2	3		48	47	45	43	41	40	38	34	30	24	16			
-	4XRS14/10-3	3	4		69	67	64	61	59	57	54	49	42	34	23			
-	4XRS14/13-4	4	5.5		89	87	83	80	77	74	70	64	55	45	30			
-	4XRS14/18-5.5	5.5	7.5		124	121	114	110	107	102	97	89	76	62	41			
-	4XRS14/25-7.5	7.5	10		172	168	159	153	148	142	135	123	106	86	57			

4DWP

Application

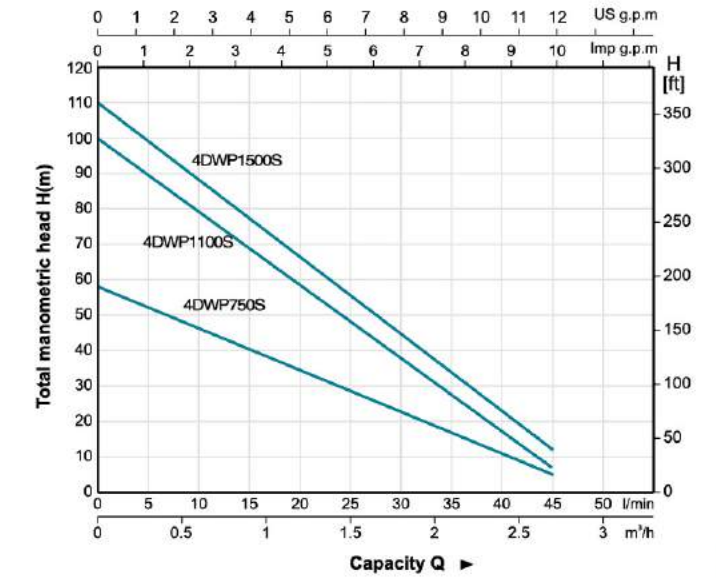
- For water supply from wells or reservoirs.
- For domestic use, for civil and industrial applications.
- For garden use and irrigation.

Operating conditions

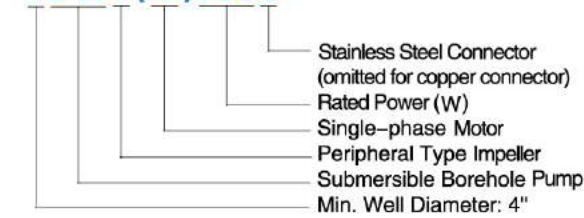
- Maximum fluid temperature up to +40°C
- Maximum sand content: 0.15%
- Maximum immersion: 50 m
- Minimum well diameter: 4"

Motor and Pump

- Rewindable motor
- **Three-phase:** 380V-415V/50Hz
- **Single-phase:** 220V-240V/50Hz
- Equip with start control box or digital auto-control box
- Curve tolerance according to ISO 2548



4DWP(m)750S



Components	Material
Delivery casing	AISI 201 SS
Suction lantern	AISI 201 SS
Diffuser	AISI 201 SS
Impeller	Cast-Cu ASTM280
Strainer	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM280 ② Cast iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Carbon/ceramic
Shaft	AISI 304ss-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutical use.



Technical Data

Model		P ₂		Delivery														
1~ 220V/240V	3~ 380V/415V	KW	HP	Q	H(m)													
					m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7			
4DWPm750S	4DWP750S	0.75	1		58	52	46	40	34	28	22	16	10	5				
4DWPm1100S	4DWP1100S	1.1	1.5		100	89	79	69	59	48	38	28	17	7				
4DWPm1500S	4DWP1500S	1.5	2		110	99	88	78	67	56	45	34	23	12				

5DW

Application

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

Operating conditions

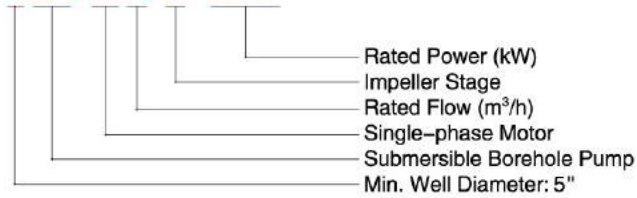
- Maximum fluid temperature up to +35°C
- Minimum immersion: 100 mm
- Maximum immersion: 20 m
- Minimum well diameter: 5"

Motor and Pump

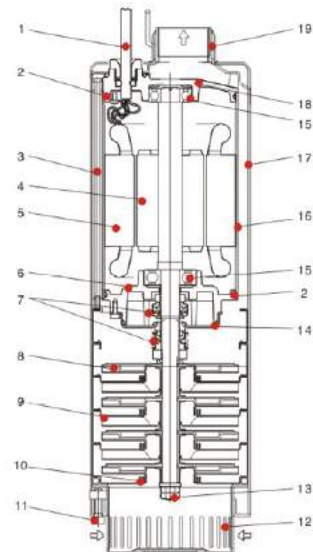
- Rewindable motor
- **Three-phase:** 380V–415V/50Hz
- **Single-phase:** 220V–240V/50Hz
- Cable length: 15 m
- Insulation class: F
- Protection class: IP68



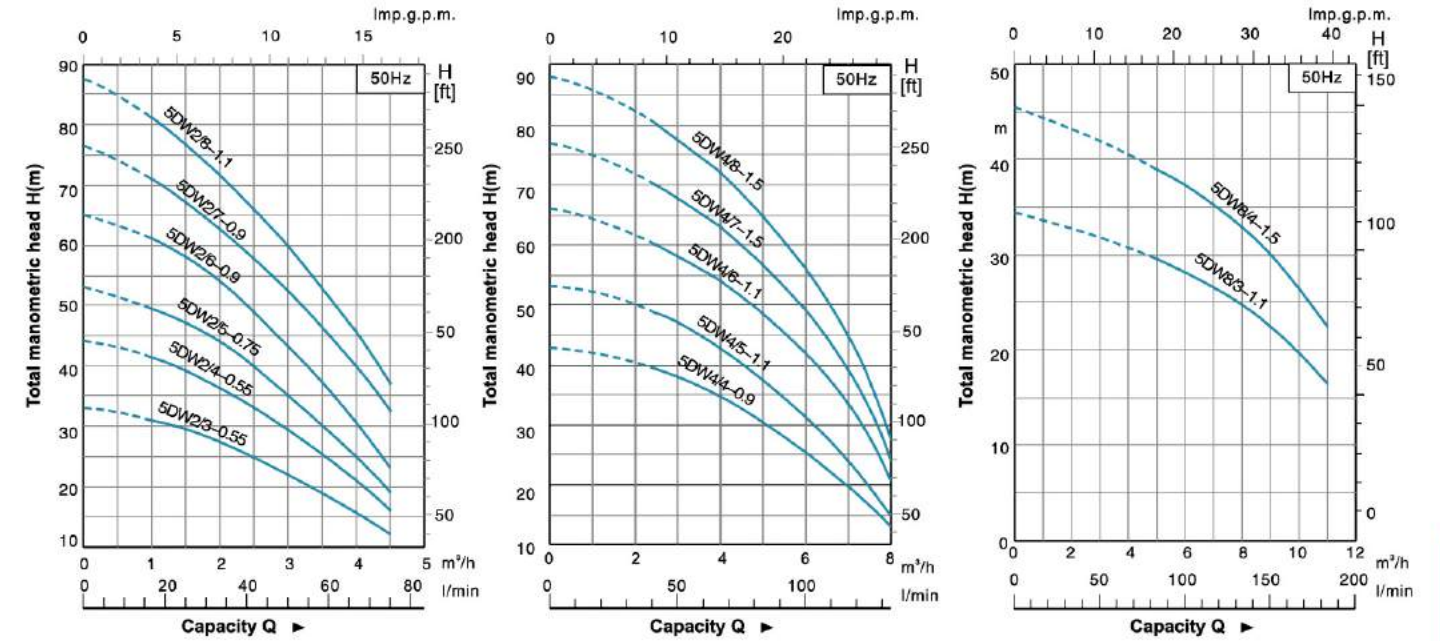
5DWm2/3-0.55



No.	Components	Material
1	Cable	H07RN-F
2	O ring	NBR
3	Bolt	AISI 304
4	Rotor	
5	Stator	
6	Bearing seat	Copper/AISI 304
7	Mechanical seal	Carbon/Ceramic, Sic/Sic
8	Impeller	AISI 304
9	Diffuser	AISI 304
10	Seal ring	PTFE
11	Bolt	AISI 304
12	Suction filter	AISI 304
13	Nut	AISI 304
14	Plate	AISI 304
15	Ball bearing	
16	Motor housing	AISI 304
17	Pump casing	AISI 304
18	Upper bearing seat	Copper/AISI 304
19	Outlet	AISI 304



Hydraulic Performance Curves



Technical Data

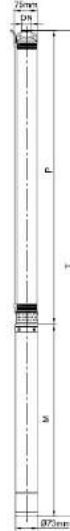
Model		P ₂		Q	H (m)									
3~	1~	kW	HP		0	1	1.5	2	2.5	3	3.5	4	4.5	
5DW2/3-0.55	5DWm2/3-0.55	0.55	0.75	0	16.6	25	33.3	41.6	50	58.3	66.6	75		
5DW2/4-0.55	5DWm2/3-0.55	0.55	0.75	33	31	29.5	27.5	25	22	19	16	12		
5DW2/5-0.75	5DWm2/5-0.75	0.75	1	44	41.5	39.5	36.5	33.5	29.5	25.5	21	16		
5DW2/6-0.9	5DWm2/6-0.9	0.9	1.2	53	49.5	47	44	40	35	30	25	19		
5DW2/7-0.9	5DWm2/7-0.9	0.9	1.2	65	61	58	54	49	43	37	30.5	23		
5DW2/8-1.1	5DWm2/8-1.1	1.1	1.5	76.5	71	67.5	62.5	57.5	52.5	46	40	32.5		
				87.5	81	77	71.5	66	60	52.5	46	37		

Model		P ₂		Q	H (m)										
3~	1~	kW	HP		0	2.5	3	3.5	4	4.5	5	6	7	8	
5DW4/4-0.9	5DWm4/4-0.9	0.9	1.2	0	41.6	50	58.3	66.6	75	83.3	100	116	133		
5DW4/5-1.1	5DWm4/5-1.1	1.1	1.5	43	39	38	36.5	35	33	30	25.5	19.5	13		
5DW4/6-1.1	5DWm4/6-1.1	1.1	1.5	53	48	46.5	45	43	40	37.5	32	24	15		
5DW4/7-1.5	5DWm4/7-1.5	1.5	2	66	60	58	56	54	51.5	49	42	34	20.5		
5DW4/8-1.5	5DWm4/8-1.5	1.5	2	77	70	68	65.5	63	60	57	49	39.5	24		
				88	80	77.5	75	72	68.5	65	56	45	27.5		

Model		P ₂		Q	H (m)						
3~	1~	kW	HP		0	5	6	7	8	9	10
5DW8/3-1.1	5DWm8/3-1.1	1.1	1.5	0	83.3	100	116	133	150	166	183
5DW8/4-1.5	5DWm8/4-1.5	1.5	2	34.5	29.5	28	26.5	24.5	22.5	20	16.5
				45.5	39	37	35	32.5	30	26.5	22.5

3XR 1.8

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
3XRm1.8/8-0.18	3XR1.8/8-0.18	1"/1½"	377	288	288	665	665	1.8	4.0	4.0	5.8	5.8
3XRm1.8/11-0.25	3XR1.8/11-0.25	1"/1½"	444	308	288	752	752	2.1	4.8	4.0	6.9	6.1
3XRm1.8/15-0.37	3XR1.8/15-0.37	1"/1½"	535	338	308	873	873	2.4	5.6	4.8	8.0	7.2
3XRm1.8/21-0.55	3XR1.8/21-0.55	1"/1½"	694	368	338	1062	1032	3.2	6.4	5.6	9.6	8.8
3XRm1.8/27-0.75	3XR1.8/27-0.75	1"/1½"	830	408	368	1238	1198	3.5	7.5	6.4	11.0	9.9
3XRm1.8/39-1.1	3XR1.8/39-1.1	1"/1½"	1101	493	448	1594	1549	4.9	10.0	8.7	14.9	13.6
3XRm1.8/47-1.5	3XR1.8/47-1.5	1"/1½"	1306	543	493	1849	1799	5.8	11.3	10.0	17.1	15.8



3.5XR 2

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
3.5XRm2/8-0.25	3.5XR2/8-0.25	1¼"/1½"	396	303	303	699	699	1.8	5.5	5.5	7.3	7.3
3.5XRm2/11-0.37	3.5XR2/11-0.37	1¼"/1½"	466	318	303	784	769	2.1	6.1	5.5	8.2	7.6
3.5XRm2/14-0.55	3.5XR2/14-0.55	1¼"/1½"	536	338	318	874	854	2.3	6.8	6.1	9.1	8.4
3.5XRm2/17-0.75	3.5XR2/17-0.75	1¼"/1½"	607	363	338	970	945	2.6	7.8	6.8	10.4	9.4
3.5XRm2/25-1.1	3.5XR2/25-1.1	1¼"/1½"	819	413	388	1232	1207	3.6	9.9	8.8	13.5	12.4
3.5XRm2/33-1.5	3.5XR2/33-1.5	1¼"/1½"	1007	463	438	1470	1445	4.3	11.8	10.7	16.1	15.0



3XR 2.5

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
3XRm2.5/8-0.25	3XR2.5/8-0.25	1"/1½"	405	308	288	713	693	1.8	4.8	4.0	6.6	5.8
3XRm2.5/11-0.37	3XR2.5/11-0.37	1"/1½"	483	338	308	821	791	2.1	5.6	4.8	7.7	6.9
3XRm2.5/16-0.55	3XR2.5/16-0.55	1"/1½"	613	368	338	981	951	2.5	6.4	5.6	8.9	8.1
3XRm2.5/21-0.75	3XR2.5/21-0.75	1"/1½"	768	408	368	1176	1136	3.2	7.5	6.4	10.7	9.6
3XRm2.5/31-1.1	3XR2.5/31-1.1	1"/1½"	1029	493	448	1522	1477	4.1	10.0	8.7	14.1	12.8
3XRm2.5/37-1.5	3XR2.5/37-1.5	1"/1½"	1209	543	493	1752	1702	4.7	11.3	10.0	16.0	14.7



3.5XR 3

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
3.5XRm3/6-0.25	3.5XR3/6-0.25	1¼"/1½"	367	303	303	670	670	2.1	5.5	5.5	7.6	7.6
3.5XRm3/8-0.37	3.5XR3/8-0.37	1¼"/1½"	419	318	303	737	722	2.5	6.1	5.5	8.6	8.0
3.5XRm3/11-0.55	3.5XR3/11-0.55	1¼"/1½"	498	338	318	836	816	3.0	6.8	6.1	9.8	9.1
3.5XRm3/14-0.75	3.5XR3/14-0.75	1¼"/1½"	577	363	338	940	915	3.5	7.8	6.8	11.3	10.3
3.5XRm3/20-1.1	3.5XR3/20-1.1	1¼"/1½"	760	413	388	1173	1148	4.8	9.9	8.8	14.7	13.6
3.5XRm3/26-1.5	3.5XR3/26-1.5	1¼"/1½"	918	463	438	1381	1356	5.8	11.8	10.7	17.6	16.5



3XR 3.5

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
3XRm3.5/6-0.25	3XR3.5/6-0.25	1"/1½"	397	308	288	705	685	1.7	4.8	4.0	6.5	5.7
3XRm3.5/9-0.37	3XR3.5/9-0.37	1"/1½"	498	338	308	836	806	2.0	5.6	4.8	7.6	6.8
3XRm3.5/12-0.55	3XR3.5/12-0.55	1"/1½"	599	368	338	967	937	2.3	6.4	5.6	8.7	7.9
3XRm3.5/16-0.75	3XR3.5/16-0.75	1"/1½"	757	408	368	1165	1125	2.8	7.5	6.4	10.3	9.2
3XRm3.5/24-1.1	3XR3.5/24-1.1	1"/1½"	1026	493	448	1519	1474	3.9	10.0	8.7	13.9	12.6
3XRm3.5/28-1.5	3XR3.5/28-1.5	1"/1½"	1184	543	493	1727	1677	4.3	11.3	10.0	15.6	14.3



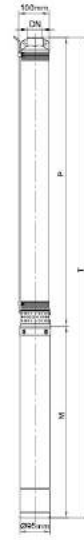
3.5XR 4

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
3.5XRm4/5-0.25	3.5XR4/5-0.25	1¼"/1½"	354	303	303	657	657	2.0	5.5	5.5	7.5	7.5
3.5XRm4/7-0.37	3.5XR4/7-0.37	1¼"/1½"	413	318	303	731	716	2.3	6.1	5.5	8.4	7.8
3.5XRm4/9-0.55	3.5XR4/9-0.55	1¼"/1½"	471	338	318	809	789	2.7	6.8	6.1	9.5	8.8
3.5XRm4/11-0.75	3.5XR4/11-0.75	1¼"/1½"	529	363	338	892	867	3.0	7.8	6.8	10.8	9.8
3.5XRm4/16-1.1	3.5XR4/16-1.1	1¼"/1½"	700	413	388	1113	1088	3.9	9.9	8.8	13.8	12.7
3.5XRm4/21-1.5	3.5XR4/21-1.5	1¼"/1½"	845	463	438	1308	1283	5.0	11.8	10.7	16.8	15.7



4XR 2

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4XRm2/7-0.25	4XR2/7-0.25	1 1/2" / 1 1/2"	392	299	299	691	691	3.3	5.5	5.8	8.8	9.1
4XRm2/9-0.37	4XR2/9-0.37	1 1/2" / 1 1/2"	440	314	314	754	754	3.8	6.7	6.7	10.5	10.5
4XRm2/12-0.55	4XR2/12-0.55	1 1/2" / 1 1/2"	514	329	329	843	843	4.6	7.3	7.3	11.9	11.9
4XRm2/16-0.75	4XR2/16-0.75	1 1/2" / 1 1/2"	611	359	344	970	955	5.5	8.7	8.0	14.2	13.5
4XRm2/22-1.1	4XR2/22-1.1	1 1/2" / 1 1/2"	789	399	379	1188	1168	7.0	10.6	9.8	17.6	16.8
4XRm2/28-1.5	4XR2/28-1.5	1 1/2" / 1 1/2"	936	449	424	1385	1360	8.4	12.9	11.7	21.3	20.1
4XRm2/40-2.2	4XR2/40-2.2	1 1/2" / 1 1/2"	1228	542	514	1770	1742	10.9	17.7	15.7	28.6	26.6
-	4XR2/52-3	1 1/2" / 1 1/2"	1553	-	594	-	2147	13.9	-	19.8	-	33.7
-	4XR2/65-4	1 1/2" / 1 1/2"	1901	-	698	-	2599	17.5	-	23.7	-	41.2



4XR 6

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4XRm6/5-0.37	4XR6/5-0.37	1 1/4" / 1 1/2" / 2"	400	314	314	714	714	3.0	6.7	6.7	9.7	9.7
4XRm6/6-0.55	4XR6/6-0.55	1 1/4" / 1 1/2" / 2"	435	329	329	764	764	3.3	7.3	7.3	10.6	10.6
4XRm6/8-0.75	4XR6/8-0.75	1 1/4" / 1 1/2" / 2"	504	359	344	863	848	3.8	8.7	8.0	12.5	11.8
4XRm6/11-1.1	4XR6/11-1.1	1 1/4" / 1 1/2" / 2"	607	399	379	1006	986	4.7	10.6	9.8	15.3	14.5
4XRm6/14-1.5	4XR6/14-1.5	1 1/4" / 1 1/2" / 2"	742	449	424	1191	1166	5.6	12.9	11.7	18.5	17.3
4XRm6/20-2.2	4XR6/20-2.2	1 1/4" / 1 1/2" / 2"	949	542	514	1491	1463	7.3	17.7	15.7	25.0	23.0
-	4XR6/26-3	1 1/4" / 1 1/2" / 2"	1156	-	594	-	1750	9.0	-	19.8	-	28.8
-	4XR6/34-4	1 1/4" / 1 1/2" / 2"	1464	-	698	-	2162	11.3	-	23.7	-	35.0
-	4XR6/42-5.5	1 1/4" / 1 1/2" / 2"	1740	-	788	-	2528	13.6	-	28.0	-	41.6
-	4XR6/52-7.5	1 1/4" / 1 1/2" / 2"	2116	-	908	-	3024	16.4	-	34.0	-	50.4



4XR 3

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4XRm3/5-0.25	4XR3/5-0.25	1 1/2" / 1 1/2"	355	299	299	654	654	2.8	5.5	5.8	8.3	8.6
4XRm3/7-0.37	4XR3/7-0.37	1 1/2" / 1 1/2"	409	314	314	723	723	3.4	6.7	6.7	10.1	10.1
4XRm3/10-0.55	4XR3/10-0.55	1 1/2" / 1 1/2"	490	329	329	814	819	4.1	7.3	7.3	11.4	11.4
4XRm3/13-0.75	4XR3/13-0.75	1 1/2" / 1 1/2"	571	359	344	930	915	4.9	8.7	8.0	13.6	12.9
4XRm3/18-1.1	4XR3/18-1.1	1 1/2" / 1 1/2"	737	399	379	1136	1116	6.2	10.6	9.8	16.8	16.0
4XRm3/22-1.5	4XR3/22-1.5	1 1/2" / 1 1/2"	844	449	424	1293	1268	7.3	12.9	11.7	20.2	19.0
4XRm3/30-2.2	4XR3/30-2.2	1 1/2" / 1 1/2"	1059	542	514	1601	1573	9.3	17.7	15.7	27.0	25.0
-	4XR3/40-3	1 1/2" / 1 1/2"	1360	-	594	-	1954	11.9	-	19.8	-	31.7
-	4XR3/50-4	1 1/2" / 1 1/2"	1629	-	698	-	2327	14.5	-	23.7	-	38.2
-	4XR3/62-5.5	1 1/2" / 1 1/2"	1983	-	788	-	2771	17.6	-	28.0	-	45.6



4XR 8

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4XRm8/5-0.55	4XR8/5-0.55	1 1/4" / 1 1/2"	418	329	329	747	747	3.0	7.3	7.3	10.3	10.3
4XRm8/7-0.75	4XR8/7-0.75	1 1/4" / 1 1/2"	494	359	344	853	838	3.6	8.7	8.0	12.3	11.6
4XRm8/9-1.1	4XR8/9-1.1	1 1/4" / 1 1/2"	570	399	379	969	949	4.2	10.6	9.8	14.8	14.0
4XRm8/12-1.5	4XR8/12-1.5	1 1/4" / 1 1/2"	717	449	424	1165	1141	5.1	12.9	11.7	18.0	16.8
4XRm8/17-2.2	4XR8/17-2.2	1 1/4" / 1 1/2"	907	542	514	1449	1421	6.6	17.7	15.7	24.3	22.3
-	4XR8/23-3	1 1/4" / 1 1/2"	1136	-	594	-	1730	8.4	-	19.8	-	28.2
-	4XR8/29-4	1 1/4" / 1 1/2"	1396	-	698	-	2094	10.1	-	23.7	-	33.8
-	4XR8/37-5.5	1 1/4" / 1 1/2"	1701	-	788	-	2489	12.5	-	28.0	-	40.5
-	4XR8/45-7.5	1 1/4" / 1 1/2"	2037	-	908	-	2945	14.9	-	34.0	-	48.9



4XR 4

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4XRm4/6-0.37	4XR4/6-0.37	1 1/2" / 1 1/2"	396	314	314	710	710	3.2	6.7	6.7	9.9	9.9
4XRm4/8-0.55	4XR4/8-0.55	1 1/2" / 1 1/2"	454	329	329	783	783	3.7	7.3	7.3	11.0	11.0
4XRm4/10-0.75	4XR4/10-0.75	1 1/2" / 1 1/2"	513	359	344	872	857	4.3	8.7	8.0	13.0	12.3
4XRm4/14-1.1	4XR4/14-1.1	1 1/2" / 1 1/2"	630	399	379	1029	1009	5.3	10.6	9.8	15.9	15.1
4XRm4/18-1.5	4XR4/18-1.5	1 1/2" / 1 1/2"	778	449	424	1227	1202	6.4	12.9	11.7	19.3	18.1
4XRm4/24-2.2	4XR4/24-2.2	1 1/2" / 1 1/2"	953	542	514	1495	1467	8.1	17.7	15.7	25.8	23.8
-	4XR4/32-3	1 1/2" / 1 1/2"	1187	-	594	-	1781	10.2	-	19.8	-	30.0
-	4XR4/40-4	1 1/2" / 1 1/2"	1452	-	698	-	2150	12.4	-	23.7	-	36.1
-	4XR4/50-5.5	1 1/2" / 1 1/2"	1744	-	788	-	2532	15.1	-	28.0	-	43.1
-	4XR4/62-7.5	1 1/2" / 1 1/2"	2126	-	908	-	3034	18.4	-	34.0	-	52.4



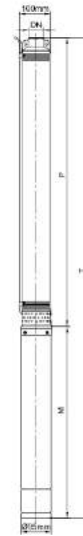
4XR 10

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4XRm10/5-0.75	4XR10/5-0.75	1 1/2" / 2"	418	359	344	777	762	3.0	8.7	8.0	11.7	11.0
4XRm10/7-1.1	4XR10/7-1.1	1 1/2" / 2"	494	399	379	893	873	3.6	10.6	9.8	14.2	13.4
4XRm10/10-1.5	4XR10/10-1.5	1 1/2" / 2"	609	449	424	1058	1033	4.5	12.9	11.7	17.4	16.2
4XRm10/14-2.2	4XR10/14-2.2	1 1/2" / 2"	716	502	514	1218	1231	5.1	15.7	15.7	20.8	20.8
-	4XR10/18-3	1 1/2" / 2"	945	-	594	-	1539	6.9	-	19.8	-	26.7
-	4XR10/22-4	1 1/2" / 2"	1097	-	698	-	1796	8.1	-	23.7	-	31.8
-	4XR10/28-5.5	1 1/2" / 2"	1357	-	788	-	2146	9.8	-	28.0	-	37.8
-	4XR10/36-7.5	1 1/2" / 2"	1662	-	908	-	2570	12.2	-	34.0	-	46.2



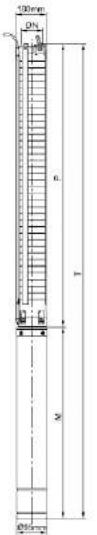
4XR 12

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4XRm12/4-0.75	4XR12/4-0.75	2"	452	359	344	811	796	3.1	8.7	8.0	11.8	11.1
4XRm12/6-1.1	4XR12/6-1.1	2"	564	399	379	963	943	3.8	10.6	9.8	14.4	13.6
4XRm12/8-1.5	4XR12/8-1.5	2"	676	449	424	1125	1100	4.6	12.9	11.7	17.5	16.3
4XRm12/12-2.2	4XR12/12-2.2	2"	931	542	514	1473	1445	6.1	17.7	15.7	23.8	21.8
-	4XR12/16-3	2"	1155	-	594	-	1749	7.6	-	19.8	-	27.4
-	4XR12/20-4	2"	1410	-	698	-	2108	9.2	-	23.7	-	32.9
-	4XR12/26-5.5	2"	1745	-	788	-	2533	11.4	-	28.0	-	39.4
-	4XR12/32-7.5	2"	2143	-	908	-	3020	13.7	-	34.0	-	47.7



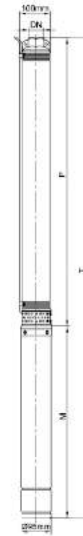
4XRS 3

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4XRSm3/6-0.37	4XRS3/6-0.37	1 1/2" / 1 1/2"	281	314	314	595	595	2.5	6.7	6.7	9.2	9.2
4XRSm3/9-0.55	4XRS3/9-0.55	1 1/2" / 1 1/2"	344	329	329	673	673	3.2	7.3	7.3	10.5	10.5
4XRSm3/12-0.75	4XRS3/12-0.75	1 1/2" / 1 1/2"	407	359	344	766	751	3.8	8.7	8.0	12.5	11.8
4XRSm3/18-1.1	4XRS3/18-1.1	1 1/2" / 1 1/2"	533	399	379	932	912	5.1	10.6	9.8	15.7	14.9
4XRSm3/25-1.5	4XRS3/25-1.5	1 1/2" / 1 1/2"	680	449	424	1129	1104	6.6	12.9	11.7	19.5	18.3
4XRSm3/33-2.2	4XRS3/33-2.2	1 1/2" / 1 1/2"	848	542	514	1390	1362	8.4	17.7	15.7	26.1	24.1
-	4XRS3/45-3	1 1/2" / 1 1/2"	1100	-	594	-	1694	11.0	-	19.8	-	30.8
-	4XRS3/60-4	1 1/2" / 1 1/2"	1247	-	658	-	1905	12.5	-	21.4	-	33.9
-		1 1/2" / 1 1/2"	1415	-	698	-	2113	14.3	-	23.7	-	38.0



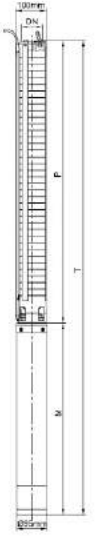
4XR 16

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4XRm16/4-1.1	4XR16/4-1.1	2"	502	399	379	901	881	3.4	10.6	9.8	14.0	13.2
4XRm16/6-1.5	4XR16/6-1.5	2"	639	449	424	1088	1063	4.3	12.9	11.7	17.2	16.0
4XRm16/9-2.2	4XR16/9-2.2	2"	876	542	514	1418	1390	5.6	17.7	15.7	23.3	21.3
-	4XR16/12-3	2"	1081	-	594	-	1675	7.0	-	19.8	-	26.8
-	4XR16/16-4	2"	1386	-	698	-	2084	8.8	-	23.7	-	32.5
-	4XR16/20-5.5	2"	1660	-	788	-	2448	10.6	-	28.0	-	38.6
-	4XR16/25-7.5	2"	2034	-	908	-	2942	12.8	-	34.0	-	46.8



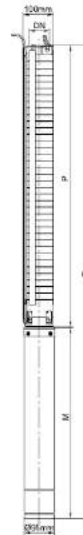
4XRS 5

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4XRSm5/4-0.37	4XRS5/4-0.37	1 1/2" / 1 1/2"	251	314	314	565	565	2.2	6.7	6.7	8.9	8.9
4XRSm5/6-0.55	4XRS5/6-0.55	1 1/2" / 1 1/2"	299	329	329	628	628	2.6	7.3	7.3	9.9	9.9
4XRSm5/8-0.75	4XRS5/8-0.75	1 1/2" / 1 1/2"	347	359	344	706	691	3.1	8.7	8.0	11.8	11.1
4XRSm5/12-1.1	4XRS5/12-1.1	1 1/2" / 1 1/2"	443	399	379	842	822	4.0	10.6	9.8	14.6	13.8
4XRSm5/17-1.5	4XRS5/17-1.5	1 1/2" / 1 1/2"	563	449	424	1012	987	5.1	12.9	11.7	18.0	16.8
4XRSm5/25-2.2	4XRS5/25-2.2	1 1/2" / 1 1/2"	755	542	514	1297	1269	7.0	17.7	15.7	24.7	22.7
-	4XRS5/33-3	1 1/2" / 1 1/2"	947	-	594	-	1541	8.8	-	19.8	-	28.6
-	4XRS5/44-4	1 1/2" / 1 1/2"	1208	-	698	-	1906	11.3	-	23.7	-	35.0
-	4XRS5/58-5.5	1 1/2" / 1 1/2"	1538	-	788	-	2326	14.5	-	28.0	-	42.5



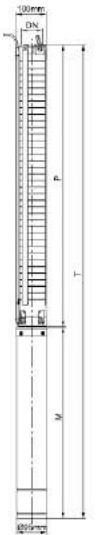
4XRS 2

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4XRSm2/9-0.37	4XRS2/9-0.37	1 1/2" / 1 1/2"	344	314	314	658	658	3.1	6.7	6.7	9.8	9.8
4XRSm2/13-0.55	4XRS2/13-0.55	1 1/2" / 1 1/2"	428	329	329	757	757	4.0	7.3	7.3	11.3	11.3
4XRSm2/18-0.75	4XRS2/18-0.75	1 1/2" / 1 1/2"	533	359	344	892	877	5.1	8.7	8.0	13.8	13.1
4XRSm2/23-1.1	4XRS2/23-1.1	1 1/2" / 1 1/2"	628	399	379	1027	1007	6.1	10.6	9.8	16.7	15.9
4XRSm2/33-1.5	4XRS2/33-1.5	1 1/2" / 1 1/2"	848	449	424	1297	1272	8.1	12.9	11.7	21.0	19.8
4XRSm2/48-2.2	4XRS2/48-2.2	1 1/2" / 1 1/2"	1310	594	554	1904	1864	13.0	19.8	17.7	32.8	27.2
-	4XRS2/65-3	1 1/2" / 1 1/2"	1520	-	594	-	2114	15.2	-	19.8	-	35.0



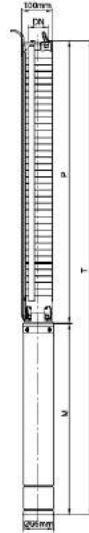
4XRS 8

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4XRSm8/5-0.75	4XRS8/5-0.75	1 1/2" / 2"	415	359	344	774	759	4.4	8.7	8.0	12.4	13.1
4XRSm8/7-1.1	4XRS8/7-1.1	1 1/2" / 2"	499	399	379	898	878	5.0	10.6	9.8	14.8	15.6
4XRSm8/10-1.5	4XRS8/10-1.5	1 1/2" / 2"	625	449	424	1074	1049	6.0	12.9	11.7	17.7	18.9
4XRSm8/15-2.2	4XRS8/15-2.2	1 1/2" / 2"	835	542	514	1377	1349	7.7	17.7	15.7	23.4	25.4
-	4XRS8/18-3	1 1/2" / 2"	961	-	594	-	1555	8.7	-	19.8	28.5	-
-	4XRS8/24-4	1 1/2" / 2"	1213	-	698	-	1911	10.7	-	23.7	34.4	-
-	4XRS8/36-5.5	1 1/2" / 2"	1717	-	788	-	2505	14.7	-	28.0	42.7	-



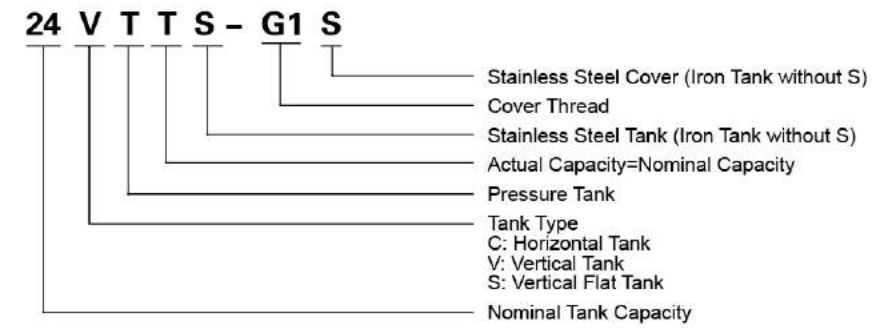
4XRS 14

MODEL		DN	DIMENSIONS(mm)					WEIGHTS(kg)				
1 - 220 - 240V	3 - 380 - 415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
4XRSm14/5-1.5	4XRS14/5-1.5	1½"/2"	628	449	424	1077	1052	4.4	12.9	11.7	17.3	16.1
4XRSm14/7-2.2	4XRS14/7-2.2	1½"/2"	838	542	514	1380	1352	5.0	17.7	15.7	22.7	20.7
-	4XRS14/10-3	1½"/2"	1006	-	594	-	1600	6.0	-	19.8	-	25.8
-	4XRS14/13-4	1½"/2"	1258	-	698	-	1956	7.0	-	23.7	-	30.7
-	4XRS14/18-5.5	1½"/2"	1678	-	788	-	2466	8.7	-	28.0	-	36.7
-	4XRS14/25-7.5	1½"/2"	2266	-	908	-	3174	11.1	-	34.0	-	45.1



Accessories

Identification Codes



Tank



Model	Max. Pressure (bar)	Nominal Capacity (L)	Actual Capacity (L)	Membrane	Max. Temp	Connection
24ST	8	24	20	EPDM	99°C	G1"
24STT	8	24	24	EPDM	99°C	G1"

The service life of the membrane is 50,000 cycles.

Model	Max. Pressure (bar)	Nominal Capacity (L)	Actual Capacity (L)	Membrane	Max. Temp	Connection
2VT	8	2	2	EPDM	99°C	G1/2"
4VT	8	4	4	EPDM	99°C	G1"
8VT	8	8	8	N.R	99°C	G1"
19VT	8	19	18	EPDM	99°C	G1"
24VT	8	24	20	EPDM	99°C	G1"
24VTT	8	24	24	EPDM	99°C	G1"

The service life of the membrane is 50,000 cycles.

Model	Max. Pressure (bar)	Nominal Capacity (L)	Actual Capacity (L)	Membrane	Max. Temp	Connection
19CT	8	19	18	EPDM	99°C	G1"
24CT	8	24	20	EPDM	99°C	G1"
24CTT	8	24	24	EPDM	99°C	G1"
50CT	8	50	36	EPDM	99°C	G1"
50CTT	8	50	50	EPDM	99°C	G1"
60CTT	8	60	60	EPDM	99°C	G1"
100CT	8	100	80	EPDM	99°C	G1"
100CTT	8	100	100	EPDM	99°C	G1"

The service life of the membrane is 50,000 cycles.

Model	Max. Pressure (bar)	Nominal Capacity (L)	Actual Capacity (L)	Membrane	Max. Temp	Connection
50FT	8	50	36	EPDM	99°C	G1"
50FTT	8	50	50	EPDM	99°C	G1"
60FTT	8	60	60	EPDM	99°C	G1"
100FT	8	100	80	EPDM	99°C	G1"
100FTT	8	100	100	EPDM	99°C	G1"

The service life of the membrane is 50,000 cycles.

3-Way/5-Way



5TA 5TB 3TA

Model	Connection	Length
3TA	G1"	70, 80, 90
5TA	G1"	70, 80, 90
5TB	G1"	70, 80, 90

Foot Valve



FVA

Model	Connection
FVA1	1"
FVA1.25	1 1/4"
FVA1.5	1 1/2"
FVA2	2"
FVA3	3"

- Stainless steel mesh
- Can be used as a check valve

Flexible Hose



Model	FH12.8-01(L=128mm)	FH44-03(L=440mm)
Inlet	G ³ / ₄ "	G1"
Outlet	G ³ / ₈ "	G1"
Material	Stainless steel wire	Stainless steel wire
Operating Limits	Fluid temperature up to 35°C; Maximum ambient temperature 40°C.	

Filter



Model	WF-01A	WF-02A
Inlet/Outlet	1" x 1"	1" x 1"
Capacity	1L	2L
Max. Pressure	5bar	5bar
Operating Limits	Fluid temperature up to 35°C; Maximum ambient temperature 40°C.	

Pressure Switch



PS-02B

- High precision
- High sensitivity
- Adjustable pressure range 1.4-5.6 bar
- G1/4"



PS-02C

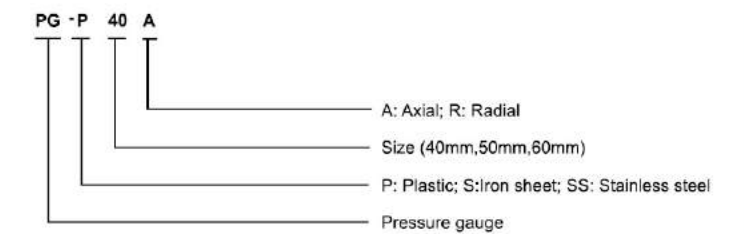
- High precision
- High sensitivity
- Adjustable pressure range 1.4-5.6 bar
- G1/4"

Pressure Gauge



Axial

Radial



- 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

Electromagnetic Switch



PS-04A

RATED VOLTAGE	220V~240V/110V~120V
FREQUENCY	50/60Hz
MAX. CURRENT	10A
MAX. POWER	1.1kW/1.5kW
STARTING PRESSURE SETTING	1.2bar/1.5bar/2.2bar
MAX. OPERATING PRESSURE	10bar
CONNECTION THREAD	G1"
PROTECTION CLASS	IP65
MAX. OPERATING TEMPERATURE	60°C
CABLE REQUIREMENT	Cable diameter 7.5~9mm



PS-04B

RATED VOLTAGE	220V~240V/110V~120V
FREQUENCY	50/60Hz
MAX. CURRENT	10A
MAX. POWER	1.1kW/1.5kW
STARTING PRESSURE SETTING	1.2bar/1.5bar/2.2bar
MAX. OPERATING PRESSURE	10bar
CONNECTION THREAD	G1"
PROTECTION CLASS	IP65
MAX. OPERATING TEMPERATURE	60°C
CABLE REQUIREMENT	Cable diameter 7.5~9mm

Optional: Working pressure adjustable



PS-04C

RATED VOLTAGE	220V~240V/110V~120V
FREQUENCY	50/60Hz
MAX. CURRENT	10A
MAX. POWER	1.1kW/1.5kW
STARTING PRESSURE SETTING	1.5bar/2.2bar
MAX. OPERATING PRESSURE	10bar
CONNECTION THREAD	G1"
PROTECTION CLASS	IP54
MAX. OPERATING TEMPERATURE	60°C
CABLE REQUIREMENT	Cable diameter 7.5~9mm

Capacitor



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

Float Switch



FLO-01

FLO-01(With balance block)

Model	FLO-01	FLO-01(With balance block)
Specification	16(14)125V 16(8)250V	16(14)125V 16(8)250V
Cable	H07RN-F/8-F 3G1.0mm²x0.55m/0.65m/0.75m/2m/3m/5m/10m	
Lifetime	5000 cycles	5000 cycles
IP Protection	IP X8	
Operating Limits	Fluid temperature up to 35°C; Maximum ambient temperature 40°C.	

Pump Range



- Peripheral Pump



- Self-Priming Peripheral Pump



- Jet Pump



- Jet Pump for Deep Wells



- Centrifugal Pump



- Multistage Centrifugal Pump



- Self-Priming Centrifugal Pump



- Stainless Steel Multistage Centrifugal Pump



- Stainless Steel Centrifugal Pump



- Submersible Pump



- Stainless Steel Submersible Pump



- Stainless Steel Submersible Sewage Pump



- Flexible Shaft Pump



- Domestic Lifting Station



- Pool Pump



- Garden Submersible Pump



- Garden Jet Pump



- Pressure Booster System



- Fountain Pump



- Standard Centrifugal Pump



- Submersible Borehole Pump



- Gasoline/Diesel Engine Pump



- Booster Pump/Circulation Pump

Pump Range



- Submersible Sewage Pump



- Submersible Sewage Pump



- Submersible Dewatering Pump



- Submersible Slurry Pump



- Stainless Steel Vertical Multistage Pump



- Stainless Steel Horizontal Multistage Pump



- Semi-open Impeller Stainless Steel Centrifugal Pump



- Stainless Steel Standard Centrifugal Pump



- Pressure Booster System



- Vertical In-line Pump



- Bare Shaft End Suction Centrifugal Pump



- End Suction Centrifugal Pump