



DOMESTIC PUMP

2021



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WATER PUMPS
CATALOG



Peripheral Pumps

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Centrifugal Pumps

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Self Priming Jet Pumps

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Self-Priming Multi-stage Pumps

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Self-Priming Multi-stage Pumps

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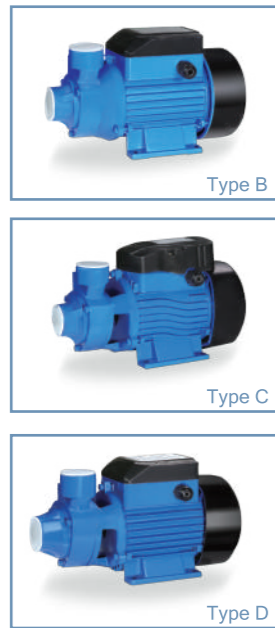
Submersible Deep Well Pumps

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Water Pump Accessories

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Type A



Type A

Application

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

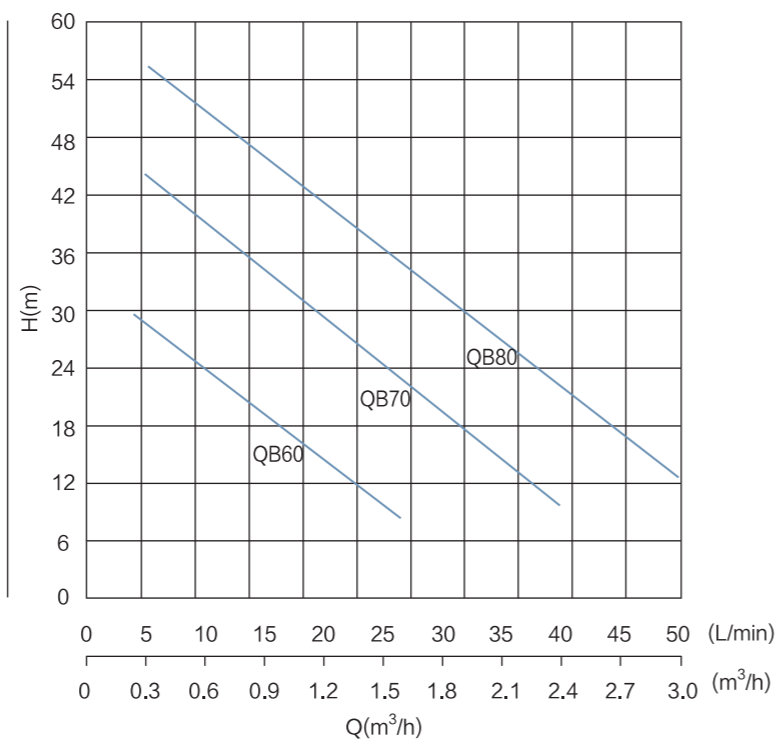
Pump

- 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:+8m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class:F
- Protection class:IP44/IP54
- Max.ambient temperature:+40 C

Hydraulic Performance Curves



Technical Data

Model	Power		PiPe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
QB60	0.37	0.5	1"x1"	1.6	33	8	280×140×170	5.3
QB70	0.55	0.75	1"x1"	2.4	48	8	335×190×210	9
QB80	0.75	1	1"x1"	3	60	8	340×190×210	9.5

Application

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

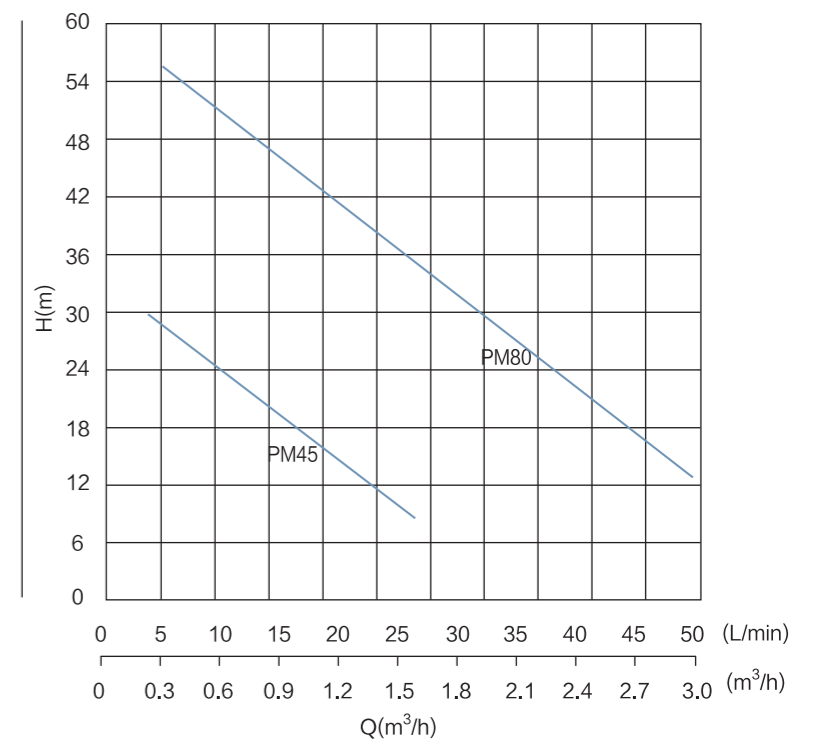
Pump

- 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:+8m

Motor

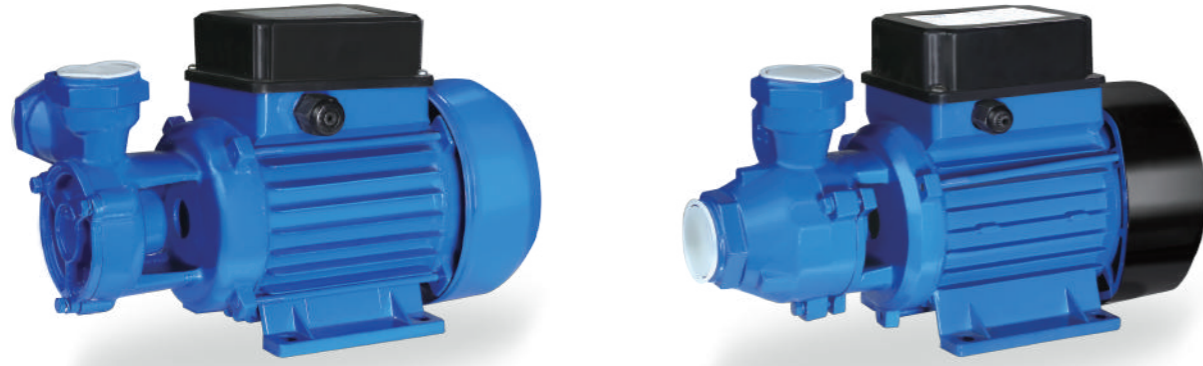
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class:F
- Protection class:IP44/IP54
- Max.ambient temperature:+40 C

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Q m³/h l/min	H(m)	0.3	0.8	1.2	1.8	2.4	3
	Kw	Hp				85	10	20	30	40	50
PM45	0.37	0.5	1"x1"	H(m)	35	30	21	13	5		
PM80	0.75	1	1"x1"		61	56	48	39	31	18	



Application

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

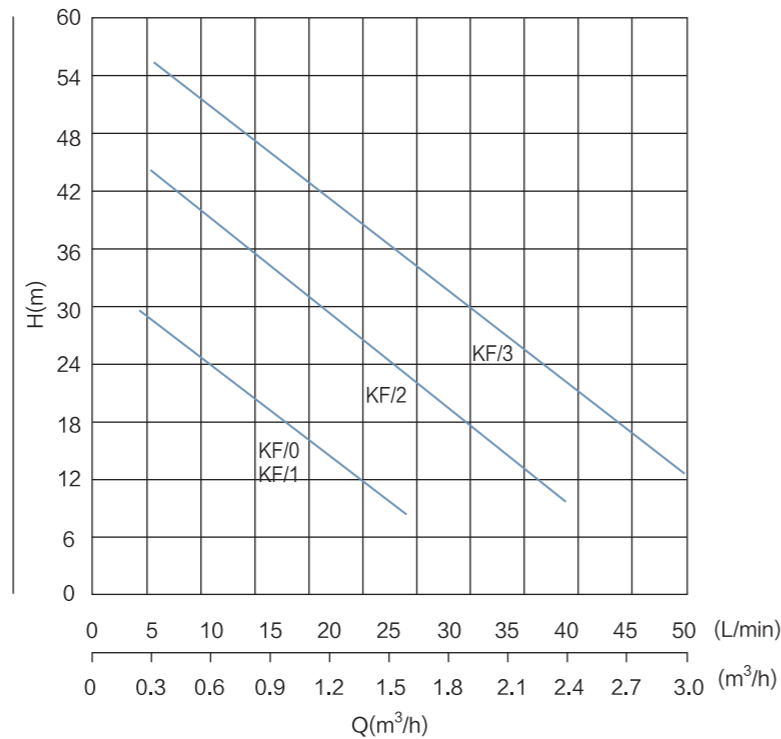
Pump

- 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:+8m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class:F
- Protection class:IP44/IP54
- Max.ambient temperature:+40 C

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Dim mm	G.W kg
	Kw	Hp					
KF/0	0.37	0.5	1"x1"	1.8	32	280x145x180	5.3
KF/1	0.37	0.5	1"x1"	1.8	32	280x145x180	5.3
KF/2	0.55	0.75	1"x1"	2.4	45	310x180x200	9
KF/3	0.75	1	1"x1"	3	46	310x180x200	9.8

Application

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

Pump

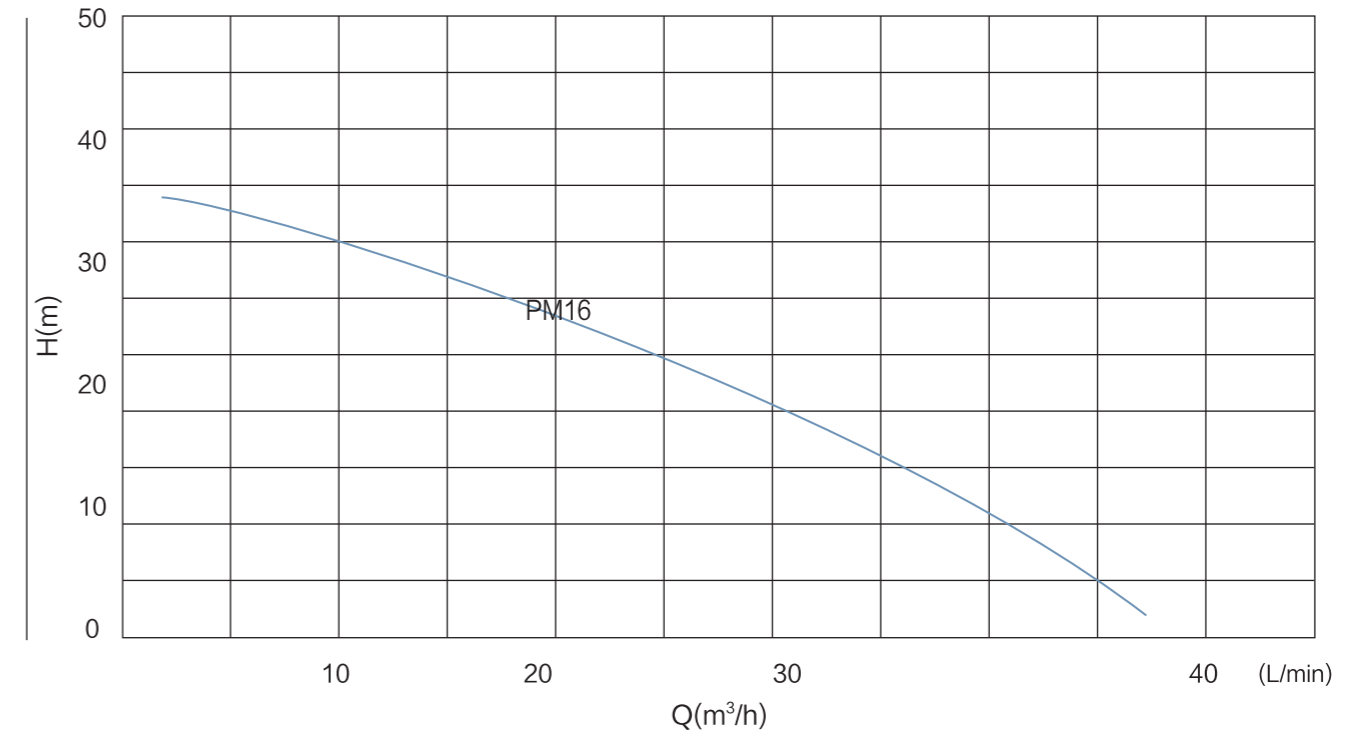
- Special anti-rust treatment for cast iron pump body and support
- Anti-block system for impeller
- Brass impeller
- AISI 304 shaft
- Max.liquid temperature:+40 C
- Max.suction:+8m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class:F
- Protection class:IP44/IP54
- Max.ambient temperature:+40 C



Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
PM16	0.37	0.5	1"x1"	40	35	8	330x210x180	8.2



Application

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

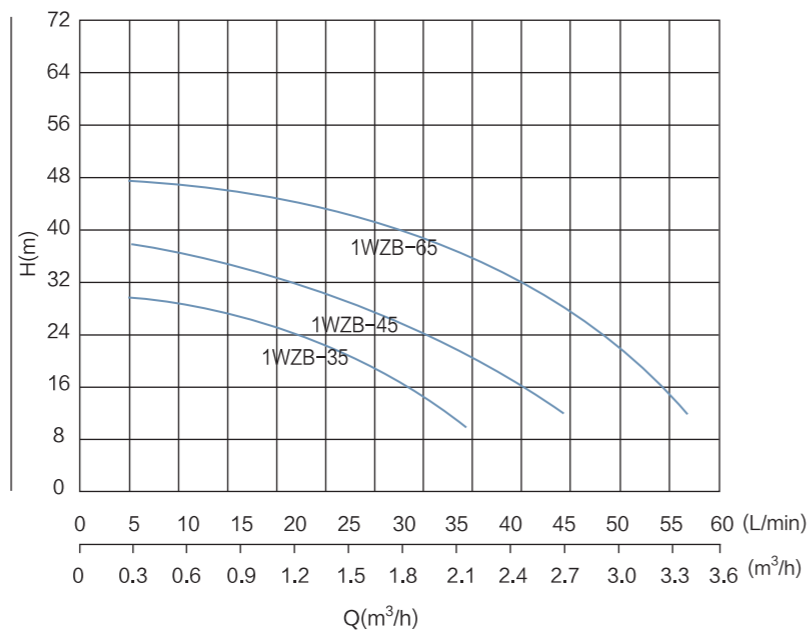
Pump

- 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:+8m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class:F
- Protection class:IP44/IP54
- Max.ambient temperature:+40 C

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
1WZB-35	0.37	0.5	1"×1"	2	30	8	270×180×235	8
1WZB-45	0.55	0.75	1"×1"	2.5	40	8	285×185×260	10
1WZB-65	0.75	1	1"×1"	3.5	50	8	285×185×260	12

Application

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

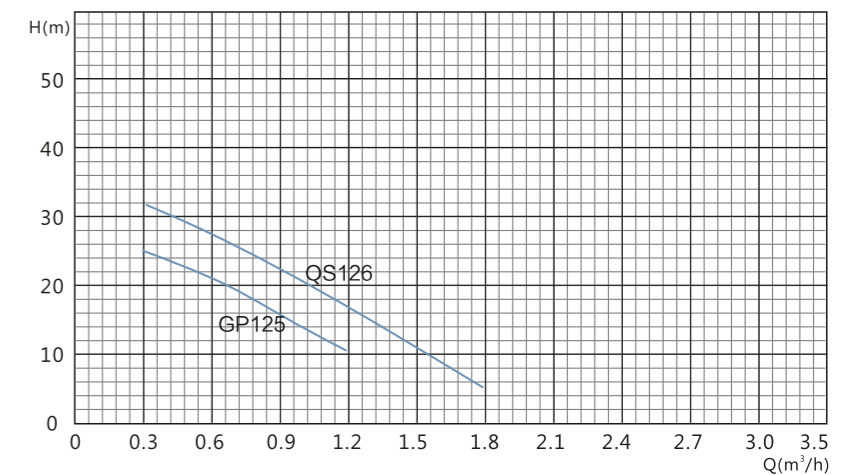
Pump

- 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:+8m

Motor

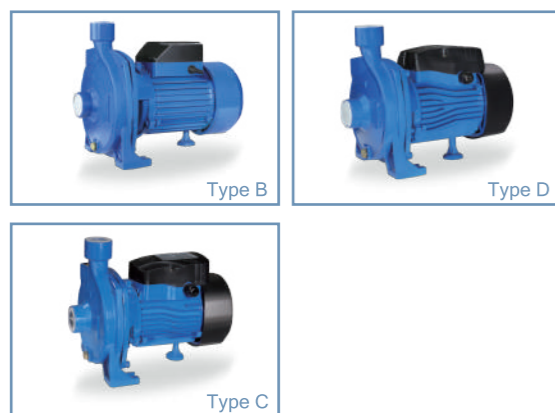
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class:F
- Protection class:IP44/IP54
- Max.ambient temperature:+40 C

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
QS 126	0.37	0.5	1"×1"	2.1	30	8	265×190×270	9.2
GP 125	0.37	0.5	1"×1"	2.1	30	8	215×165×225	8



Type A

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.

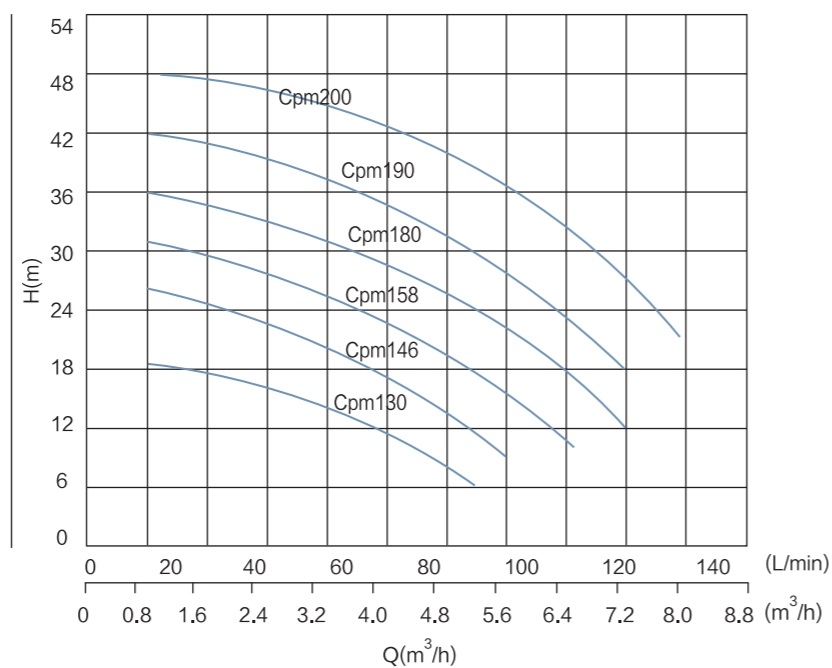
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI304 shaft
- Max. liquid temperature:+40 C
- Max. suction:+8m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class:IP44/IP54
- Max. ambient temperature: +40 C
- IE 2 motor(Three phase, power≥0.75KW)

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
Cpm130	0.37	0.5	1"×1"	5.5	22	8	280×185×230	9
Cpm146	0.55	0.75	1"×1"	6	26	8	340×210×265	12
Cpm158	0.75	1	1"×1"	6.5	32	8	340×210×265	13
Cpm180	1.1	1.5	1"×1"	7	36	8	390×240×290	22
Cpm190	1.5	2	1"×1"	7	42	8	390×260×320	25
Cpm200	2.2	3	1"×1"	8	48	8	455×280×340	33

Application

- It can be used to transfer clean water or other liquids similar to water in physical and chemical properties. It is 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 or supporting equipment, etc.

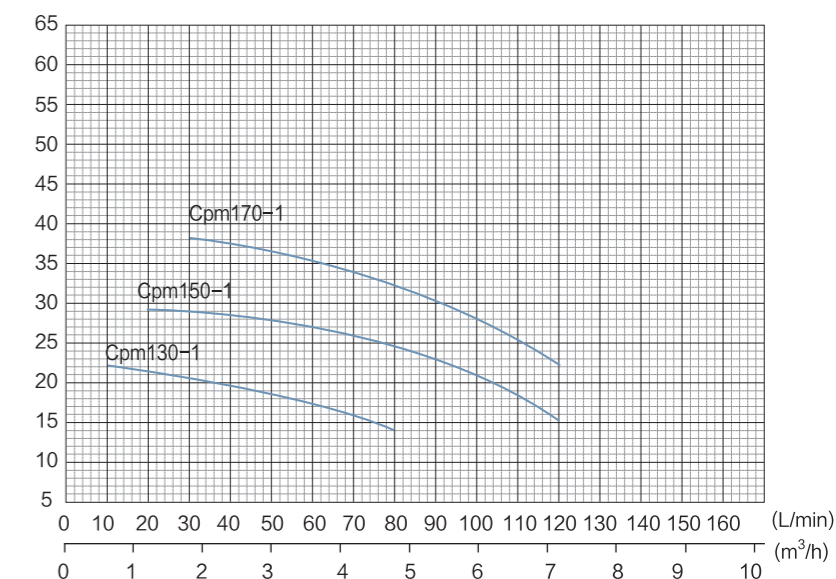
Pump

- Cast iron pump body and support under special antirust treatment
- Brass impeller(stainless steel or PPO)
- AISI 304 shaft
- Max. liquid temperature:+60 C
- Max. suction:+8m

Motor

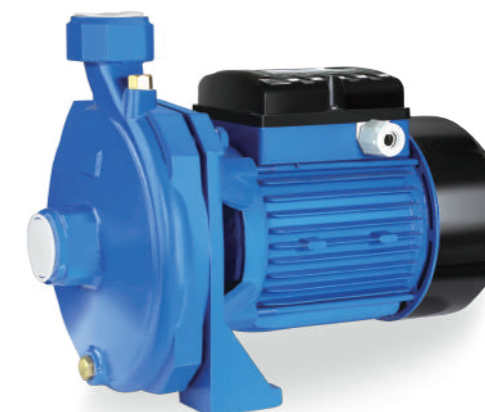
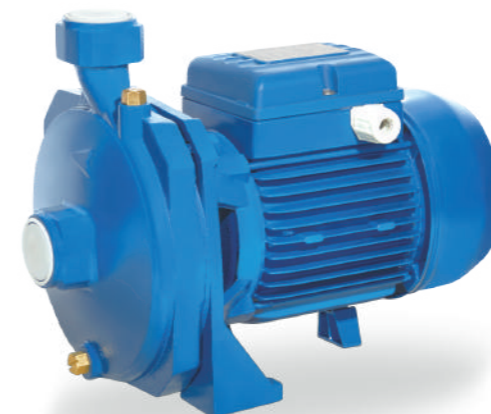
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44
- Max. ambient temperature:+40 C

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
Cpm130-1	0.37	0.5	1"×1"	4.8	23	8	245×200×270	8
Cpm 150-1	0.75	1	1"×1"	6.5	32	8	365×210×275	13.5
Cpm 170-1	1.1	1.5	1"×1"or 1.2"×1"	7.2	41	8	390×250×290	21



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.

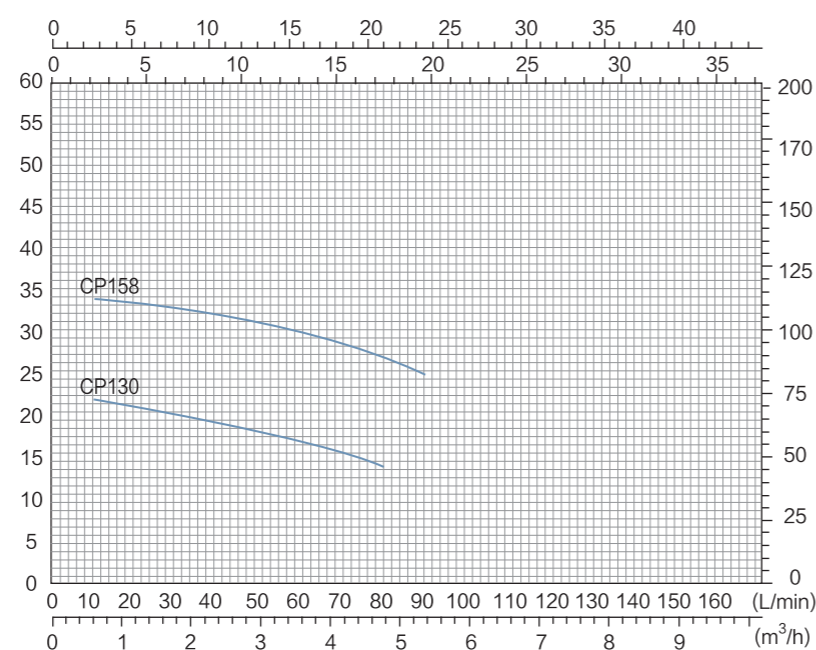
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI304 shaft
- Max. liquid temperature: +40 °C
- Max. suction: +8m

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)

Hydraulic Performance Curves



Technical Data

Model	Power		Q	Flow Rate (m³/h)											
	Kw	Hp		0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4		
CP130	0.37	0.5	H(m)	23	22	21	20	19	18	17	15.5	14			
CP158	0.75	1		36	34	33.5	33	32.5	31.5	30	28.5	27	25		

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.

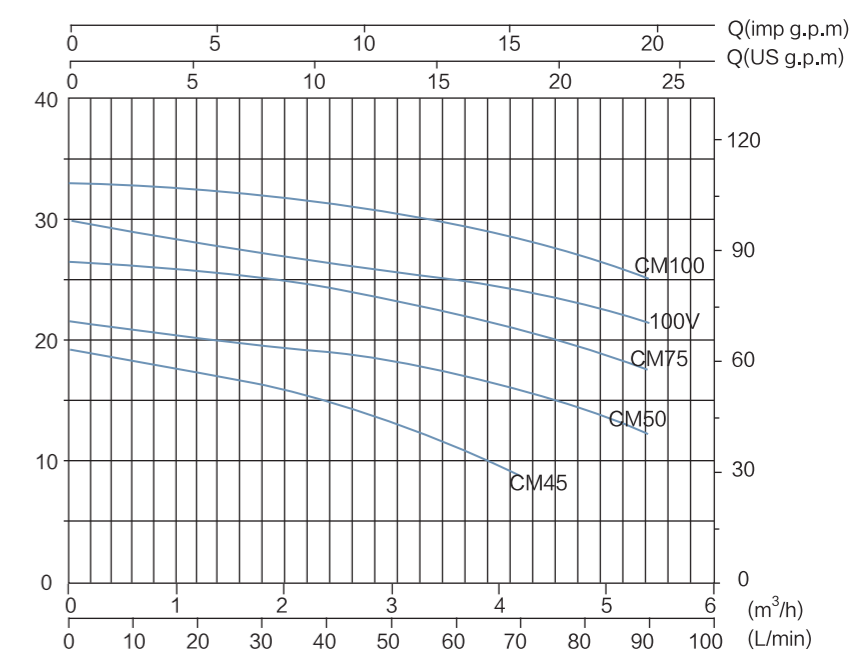
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI304 shaft
- Max. liquid temperature: +40 °C
- Max. suction: +8m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 °C
- IE 2 motor (Three phase, power ≥ 0.75KW)

Hydraulic Performance Curves

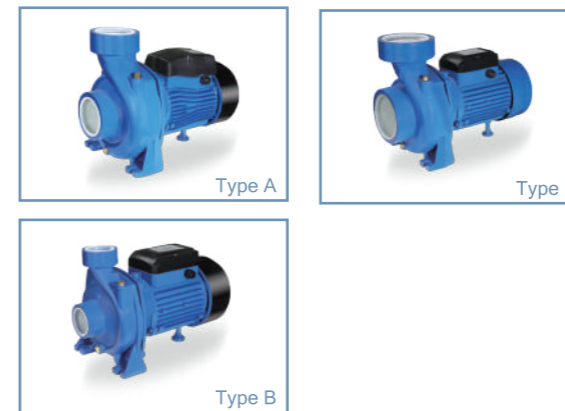


Technical Data

Model	Power		Pipe	Q m³/h	Flow Rate (m³/h)						
	Kw	Hp			0	1.2	2.4	3.6	4.2	4.8	5.4
CM50	0.37	0.5	1"X1"	H(m)	21.5	20.5	19	17	15.8	15	12
CM75	0.59	0.8	1"X1"		26.5	25.8	24.5	22.2	20.9	19.5	17.5
CM100	0.75	1	1"X1"		33	32.5	31.5	29.6	28.3	26.8	25.2



1DK



Type A

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.

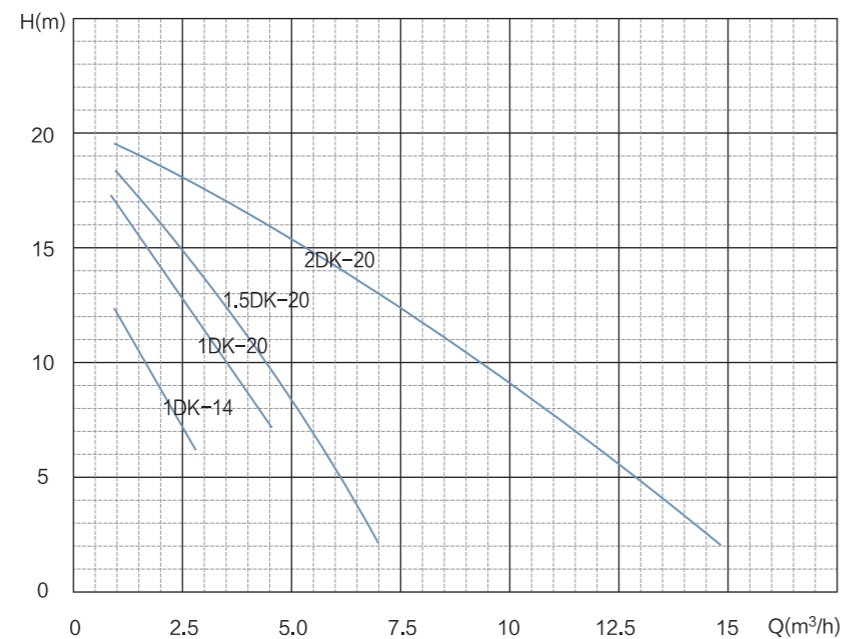
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI304 shaft
- Max. liquid temperature: +40 C
- Max. suction: +8m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 C
- IE 2 motor (Three phase, power ≥ 0.75KW)

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
1DK-14	0.37	0.5	1"×1"	3.6	12	8	290×165×190	7.8
1DK-20	0.55	0.75	1"×1"	6	17	8	310×190×210	8.7
1.5DK-20	0.75	1	1.5"×1.5"	9	18	8	310×190×210	13
2DK-20	1.5	2	2"×2"	19.2	19	8	394×243×265	20

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.

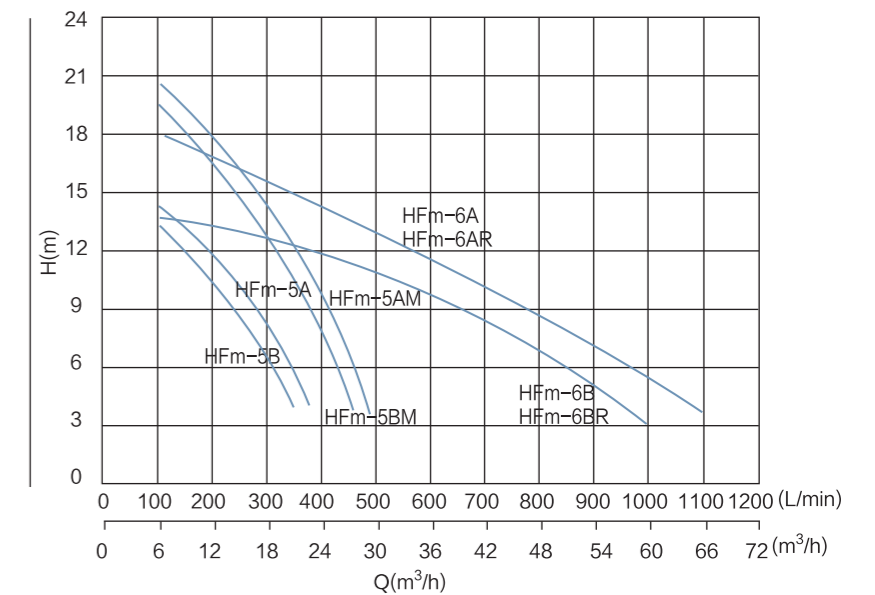
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI304 shaft
- Max. liquid temperature: +40 C
- Max. suction: +8m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 C
- IE 2 motor (Three phase, power ≥ 0.75KW)

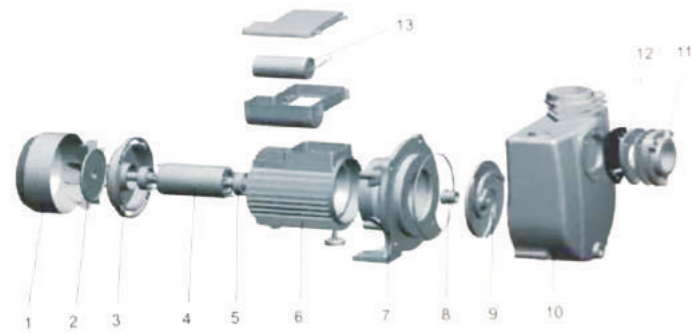
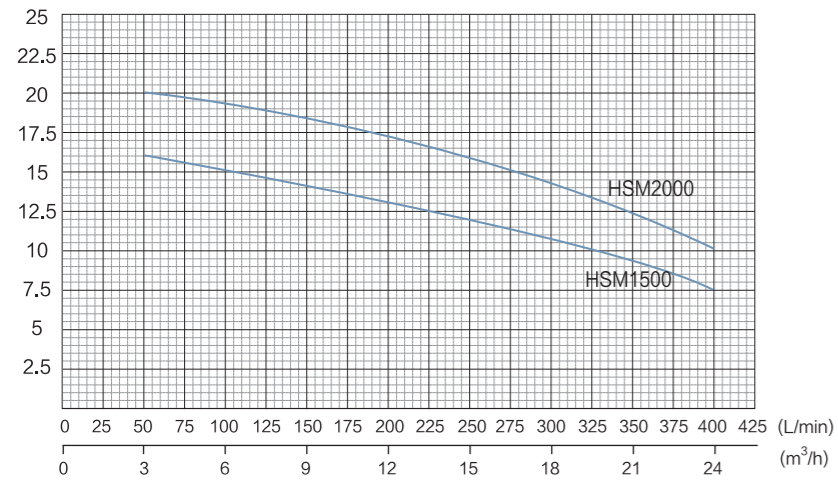
Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
HFm5B	0.75	1	2"×2"	20	13.5	8	365×240×265	13
HFm5A	1.1	1.5	2"×2"	21	14.5	8	365×240×265	14
HFm5BM	1.1	1.5	2"×2"	30	20.2	8	425×250×295	24
HFm5AM	1.5	2	2"×2"	30	22.5	8	425×250×295	25
HFm6A	2.2	3	3"×3"	72	18.5	8	510×295×355	37
HFm6B	1.5	2	3"×3"	66	14.7	8	460×285×345	32
HFm6AR	2.2	3	4"×4"	72	18.5	8	510×295×355	39
HFm6BR	1.5	2	4"×4"	66	14.7	8	460×285×345	33

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	Terminal Board	PC
12	Non-return Valve	NBR
13	Capacitor	

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
- AISI304 shaft
- Max. liquid temperature: +40 C
- Max. suction: +8m

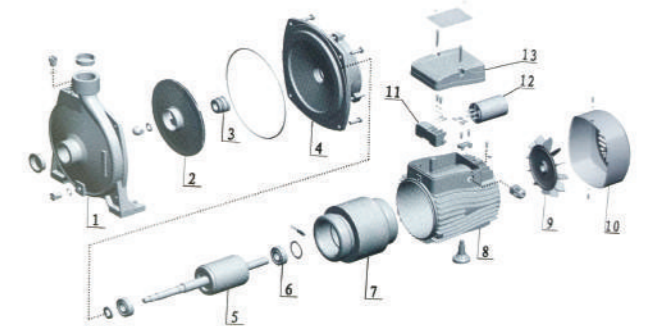
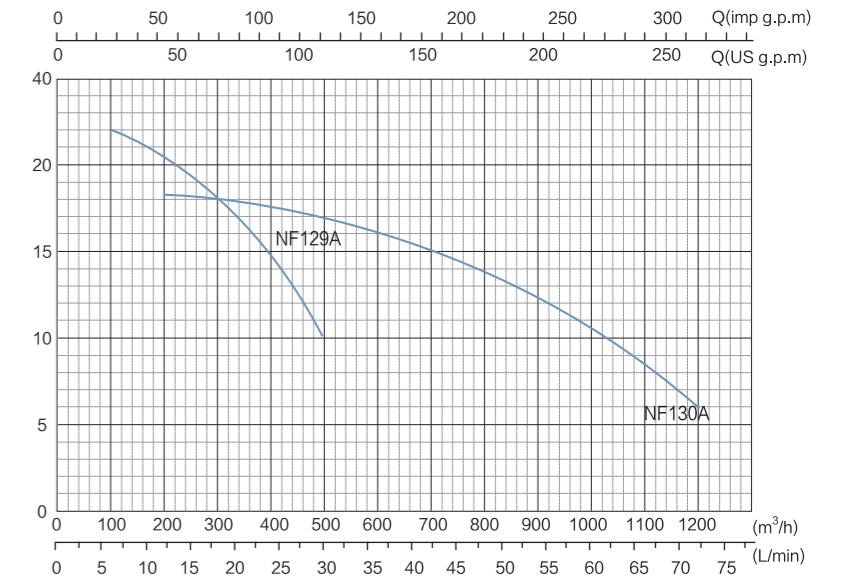
Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 C
- IE 2 motor (Three phase, power ≥ 0.75KW)

Technical Data

Model	Power		Pipe inch	Max Flow		Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp		m³/h	l/min				
HSM1500	1.1	1.5	2"×2"	24	400	16	8	465×255×335	30
HSM2000	1.5	2	2"×2"	24	400	20	8	465×255×335	35

Hydraulic Performance Curves



Materials Table

NO.	Part	Material
1	Pump Body	HT200
2	Impeller	Brass
3	Mechanical Seal	Carbon/Ceramic
4	Support	HT200
5	Shaft And Rotor	
6	Ball Bearing	
7	Stator	
8	Motor Case	Aluminum
9	Fan	PP
10	Fan Cover	
11	Terminal Board	PC
12	Capacitor	
13	Terminal Cover	

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
- AISI304 shaft
- Max. liquid temperature: +40 C
- Max. suction: +8m

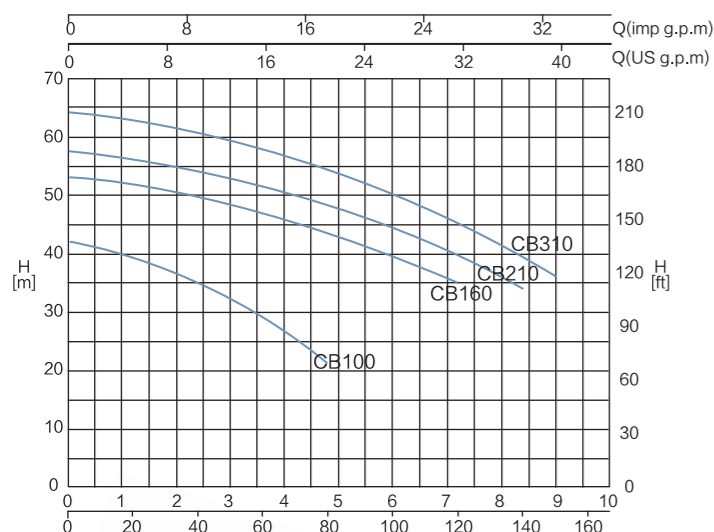
Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 C
- IE 2 motor (Three phase, power ≥ 0.75KW)

Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
NF 130B	1.5	2	3"×3"	60	15	8	430×255×335	12
NF 130A	2.2	3	3"×3"	70	18	8	480×255×335	5.1

Hydraulic Performance Curves



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.

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- Cast iron pump body and support under special anti-rust treatment
- AISI304 shaft
- Max. liquid temperature: +40 C
- Max. suction: +8m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
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- Protection class: IP44/IP54
- Max. ambient temperature: +40 C
- IE 2 motor (Three phase, power ≥ 0.75KW)

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Pump

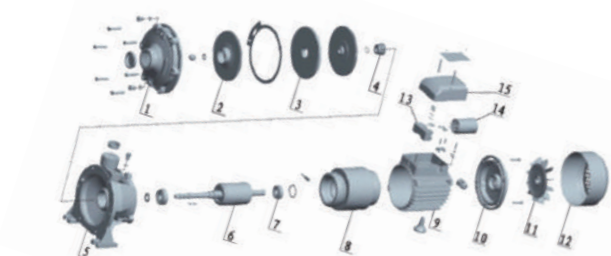
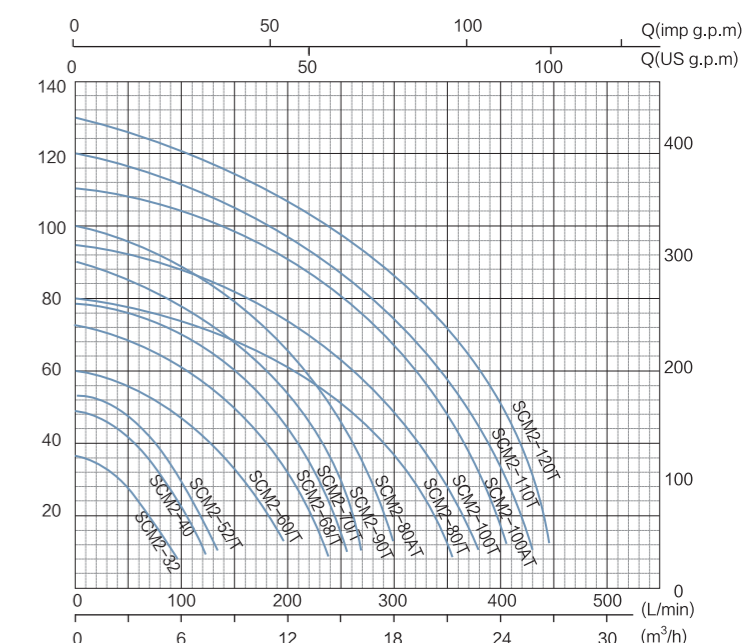
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- AISI304 shaft
- Max. liquid temperature: +40 C
- Max. suction: +8m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 C
- IE 2 motor (Three phase, power ≥ 0.75KW)



Hydraulic Performance Curves



Materials Table

NO.	Part	Material
1	Pump Body	HT200
2	Impeller	Brass
3	Bracket Cover	
4	Mechanical Seal	Carbon/Ceramic
5	Support	HT200
6	Shaft And Rotor	
7	Ball Bearing	
8	Stator	
9	Motor Case	Aluminum
10	Motor Cover	Cast iron
11	Fan	PP
12	Fan Cover	
13	Terminal Board	PC
14	Capacitor	
15	Terminal Cover	

Model	Power		Pipe inch	Q m³/h	Q (l/min)														
	Kw	Hp			0	10	20	30	40	60	80	100	120	140	150				
CB 100	0.75	1	1"×1"	H(m)	42	40.5	39.4	37.4	29.2	3.3	39.7	35							
CB 160	1.1	1.5	1"×1.25"		53	52.5	52	51	50	46.9	43.3	39.7	35						
CB 210	1.5	2	1"×1.25"		57.3	56.9	56	55.1	54	51.4	48.4	44.4	39.5	34					
CB 310	2.2	3	1"×1.25"		64	63.5	63	61.9	60.6	57.7	54.1	50	45.4	39.4	36				

Technical Data

Model	Power		Pipe Dia inch	Q.Max L/min	H.Max m	Suction m	Dim mm	G.W kg
	Kw	Hp						
SCM2-32	0.55	0.75	1"×1"	90	30	8	380×210×240	16.2
SCM2-40	0.75	1	1"×1"	100	35	8	380×210×240	18.8
SCM2-52/T	1.1	1.5	1.25"×1"	130	48	8	415×255×320	23.5
SCM2-60/T	1.5	2	1.25"×1"	140	52	8	415×255×320	24.5
SCM3-68/T	2.2	3	1.5"×1.25"	200	60	8	480×290×350	31
SCM2-70/T	3	4	1.5"×1.25"	240	70	8	480×290×350	39
SCM2-80/T	4	5.5	1.5"×1.25"	260	84	8	480×290×350	42.5
SCM2-90/T	5.5	7.5	2"×1.25"	280	90	8	480×290×350	62
SCM2-100/T	7.5	10	2"×1.25"	300	105	8	570×290×360	62
SCM2-80AT	7.5	10	2"×1.25"	360	80	8	570×290×360	68
SCM2-90AT	9	12.5	2"×1.25"	380	95	8	570×290×360	82
SCM2-100AT	11	15	2"×1.25"	420	110	8	570×290×360	85
SCM2-110T	13	17.5	2"×1.5"	440	120	8	600×320×400	110
SCM2-120T	15	20	2"×1.5"	460	130	8	600×320×400	120



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.

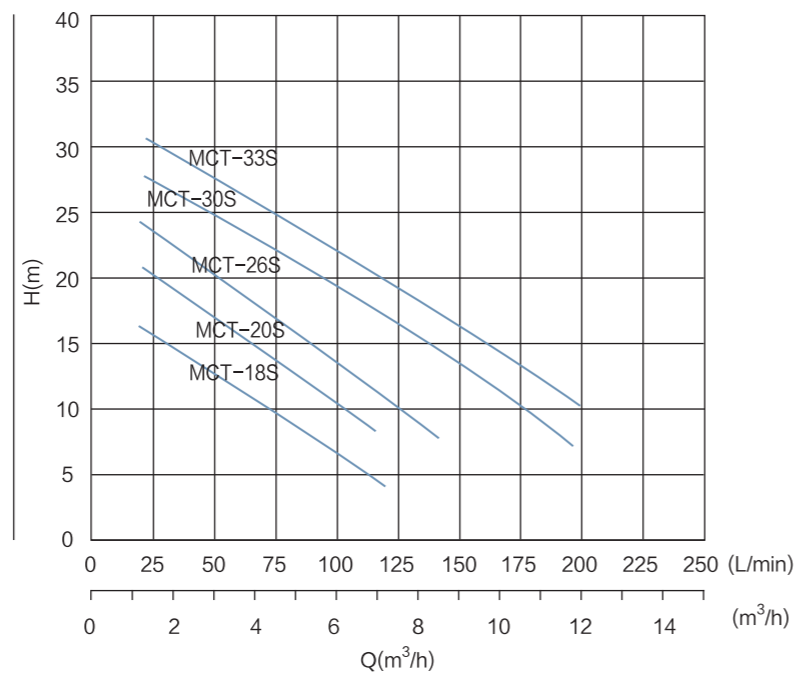
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI304 shaft
- Max. liquid temperature:+40 C
- Max. suction:+8m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class:IP44/IP54
- Max. ambient temperature: +40 C
- IE 2 motor(Three phase, power≥0.75KW)

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm
	Kw	Hp					
MCT-18S	0.37	0.5	1.25"×1"	7.2	18	8	340×235×265
MCT-20S	0.55	0.75	1.25"×1"	7.2	22	8	340×235×265
MCT-26S	0.75	1	1.25"×1"	8.4	26	8	340×235×265
MCT-30S	1.1	1.5	1.25"×1"	12	30	8	390×265×290
MCT-33S	1.5	2	1.25"×1"	12	33	8	390×265×290



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.

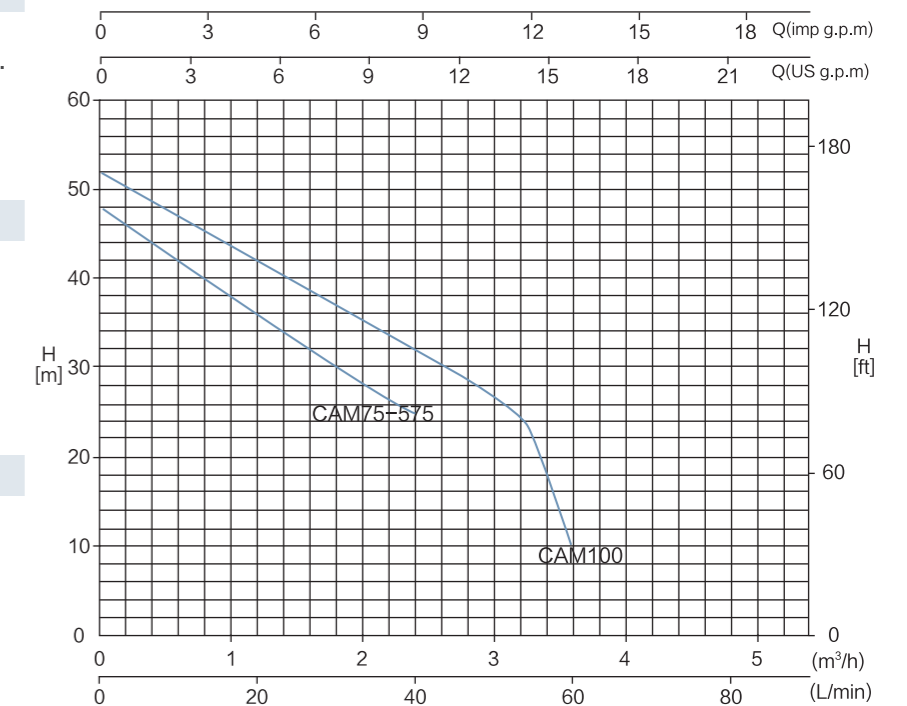
Pump

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

Motor

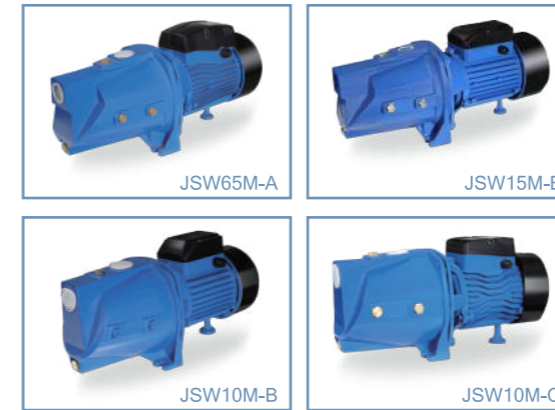
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature:+40 C

Hydraulic Performance Curves

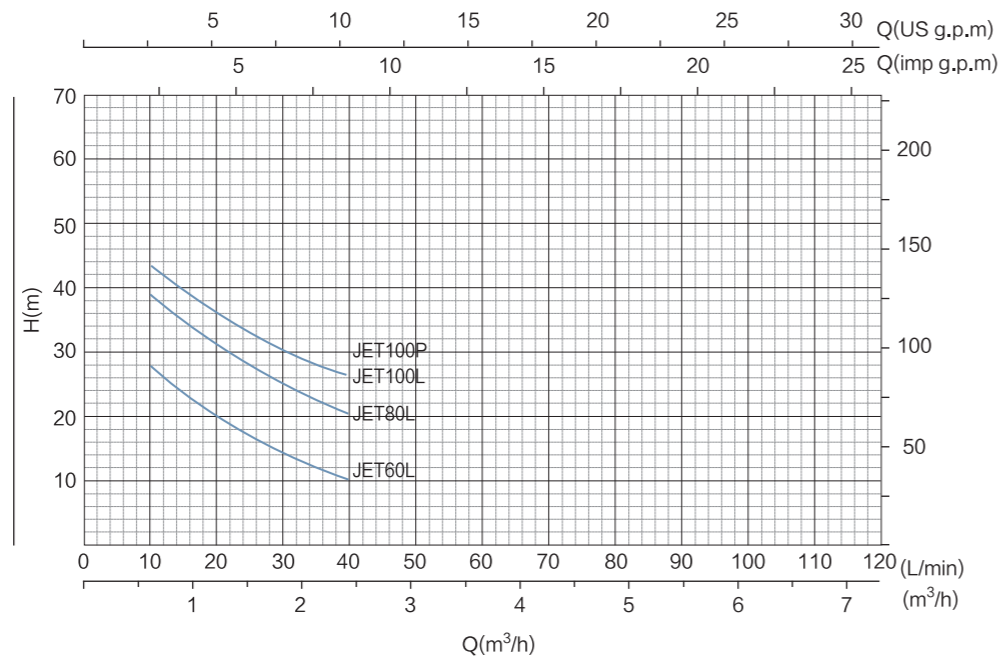


Technical Data

Model	Power		Pipe inch	Q m³/h l/min	0.6	1.2	1.8	2.4	3	3.5	4.2	4.8
	Kw	Hp			10	20	30	40	50	60	70	80
CAM75	0.59	0.8	1"×1"	H(m)	42	36	30.2	24.9				
CAM100	0.75	1	1"×1"		47	42	37	32	26.7	10		



Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m ³ /h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
JET60L	0.37	0.5	1"x1"	2.5	32	9	390×190×230	9.5
JET80L	0.55	0.75	1"x1"	3	48	9	475×190×220	13
JET100L	0.75	1	1"x1"	3.5	53	9	475×190×220	15
JET100P	0.75	1	1"x1"	3.5	53	9	475×190×220	15

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.

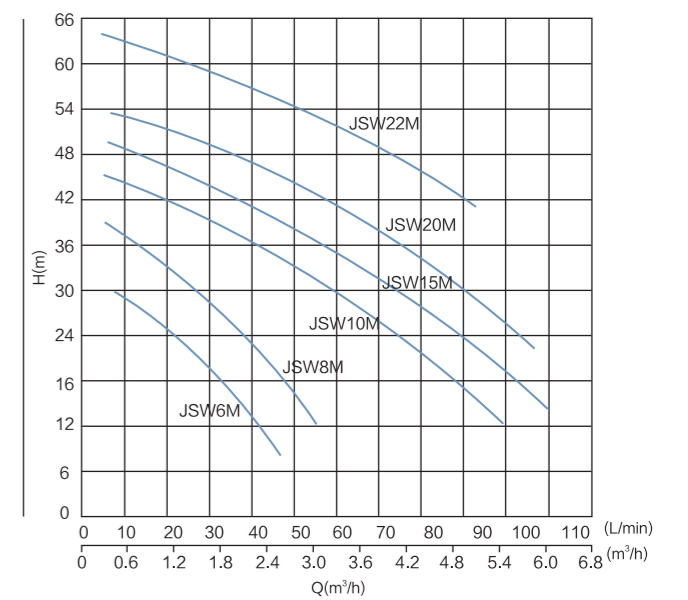
Pump

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

Motor

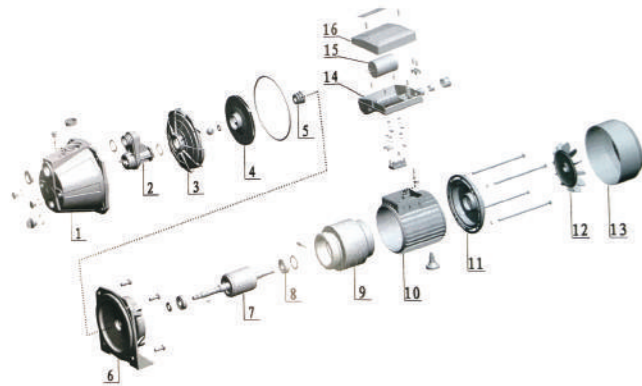
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 °C

Hydraulic Performance Curves



Technical Data

Model	Power		Inlet inch	Outlet inch	Max Flow m ³ /h	Max Head m	Max Suction m	Dim mm
	Kw	Hp						
JSW6M	0.37	0.5	1"x1"	1"x1"	2.5	32	9	390×190×230
JSW8M	0.55	0.75	1"x1"	1"x1"	3	41	9	475×195×240
JSW10M	0.75	1	1"x1"	1"x1"	5.4	46	9	475×195×240
JSW15M	1.1	1.5	1"x1"	1"x1"	6	52	9	475×195×240
JSW20M	1.5	2	1.25"x1.25"	1"x1"	7.2	55	9	535×240×260
JSW22M	2.2	3	1.25"x 1"	1"x1"	5	65	9	590×275×280



Type A

Materials Table

NO.	Part	Material
1	Pump Body	HT200
2	Venturi Tube	PPO
3	Diffuser	PPO
4	Impeller	Brass
5	Mechanical Seal	Carbon/Ceramic
6	Support	HT200
7	Shaft And Rotor	
8	Ball Bearing	
9	Stator	
10	Motor Case	Aluminum
11	Motor Cover	Castiron
12	Fan	PP
13	Fan Cover	
14	Capacitor Holding Box	
15	Capacitor	
16	Terminal Cover	

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: +9m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 °C

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.

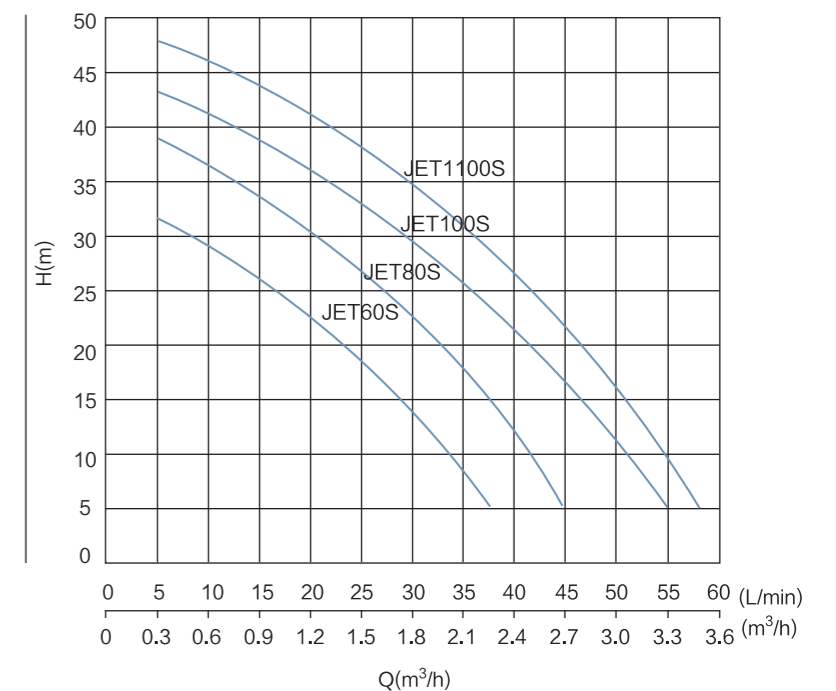
Pump

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

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 °C

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
JET-60S	0.37	0.5	1"×1"	2.4	38	9	420×220×220	13
JET-80S	0.55	0.75	1"×1"	3	40	9	420×220×220	14
JET-100S	0.75	1	1"×1"	3.6	45	9	420×220×220	15

Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
JET60S	0.37	0.5	1"×1"	2.5	35	9	350×160×180	7
JET80S	0.55	0.75	1"×1"	3	42	9	380×195×200	10
JET100S	0.75	1	1"×1"	3.5	46	9	380×195×200	11
JET1100S	1.1	1.5	1"×1"	3.8	50	9	380×195×200	11.5



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.

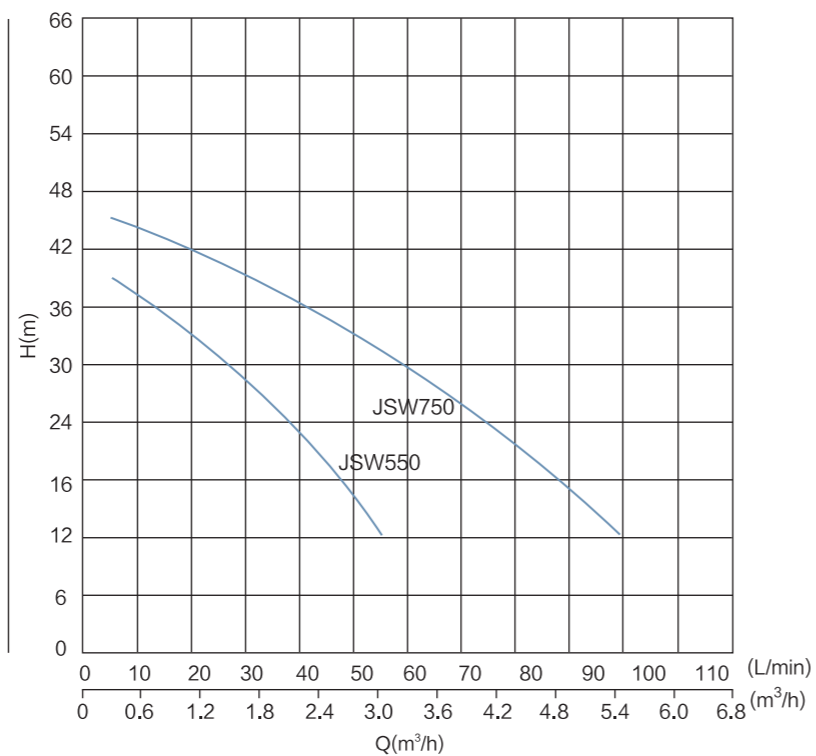
Pump

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

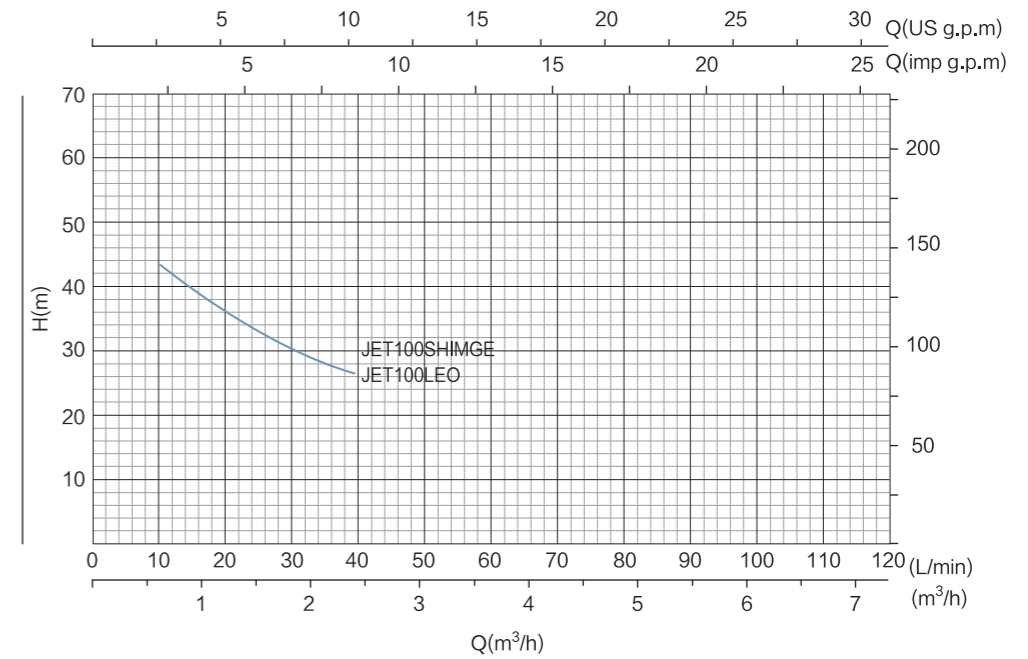
Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 °C

Hydraulic Performance Curves



Hydraulic Performance Curves



Technical Data

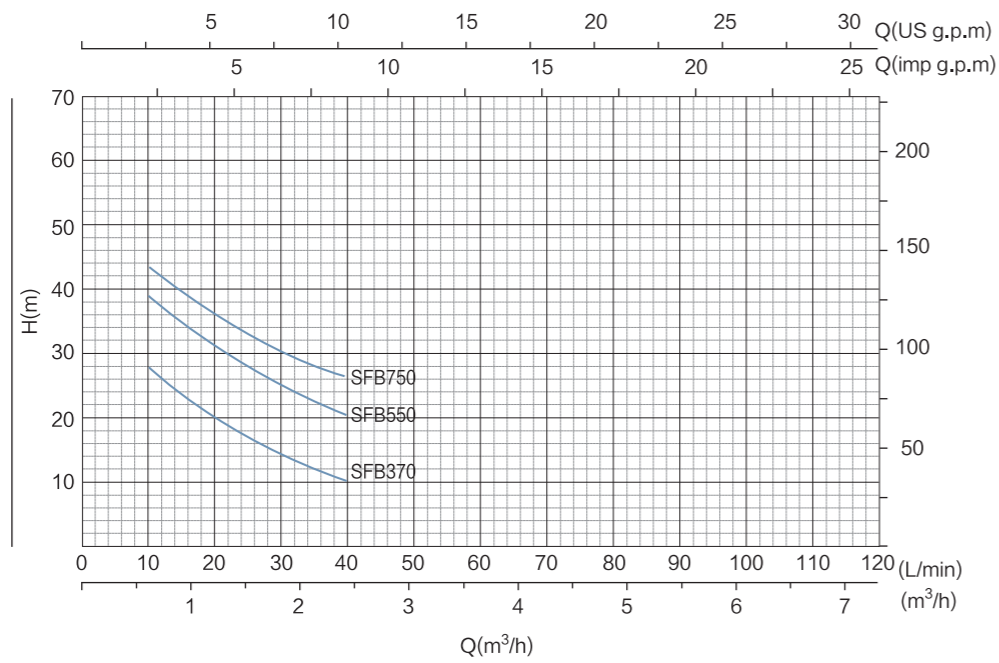
Model	Power		Pipe inch	Max Flow		Max Head m	Max Suction m	Dim mm	G.W kg	20"loading qty
	Kw	Hp		m³/h	l/min					
JSW550	0.55	0.75	1"×1"	3	60	45	9	450×210×220	12.5	1250
JSW750	0.75	1	1"×1"	3.3	70	50	9	450×210×220	13.2	1250

Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
JET100 SHIMGE	0.75	1	1"×1"	3.5	53	9	475×190×220	16
JET100 LEO	0.75	1	1"×1"	3.5	53	9	475×190×220	16



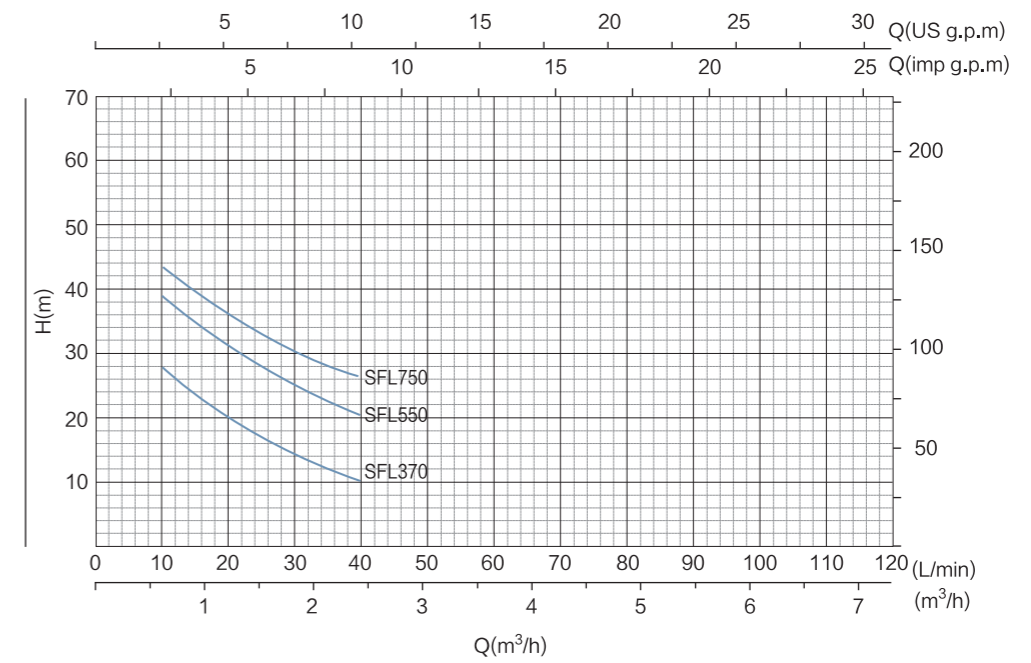
Hydraulic Performance Curves



Technical Data

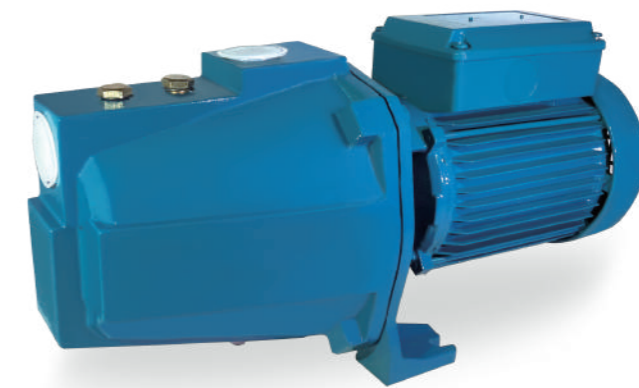
Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
SFB370	0.37	0.5	1"×1"	2.4	38	9	420×220×220	13
SFB550	0.55	0.75	1"×1"	3	40	9	420×220×220	14
SFB750	0.75	1	1"×1"	3.6	45	9	420×220×220	15

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
SFL370	0.37	0.5	1"×1"	2.5	32	9	390×190×230	9.5
SFL550	0.55	0.75	1"×1"	3	48	9	475×190×220	13
SFL750	0.75	1	1"×1"	3.5	53	9	475×190×220	15



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.

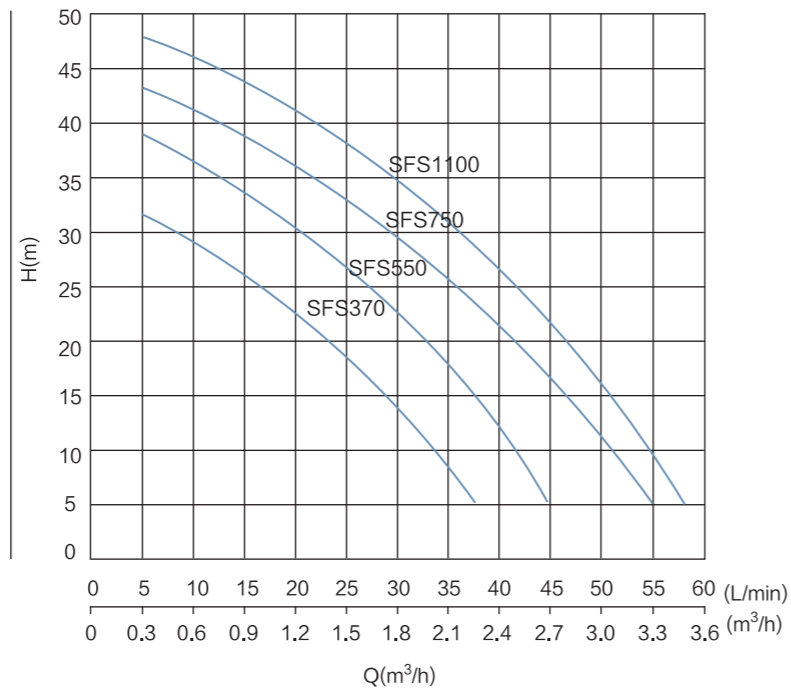
Pump

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

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 °C

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
SFS370	0.37	0.5	1"×1"	2.5	35	9	350×160×180	7
SFS550	0.55	0.75	1"×1"	3	42	9	380×195×200	10
SFS750	0.75	1	1"×1"	3.5	46	9	380×195×200	11
SFS1100	1.1	1.5	1"×1"	3.8	50	9	380×195×200	11.5

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.

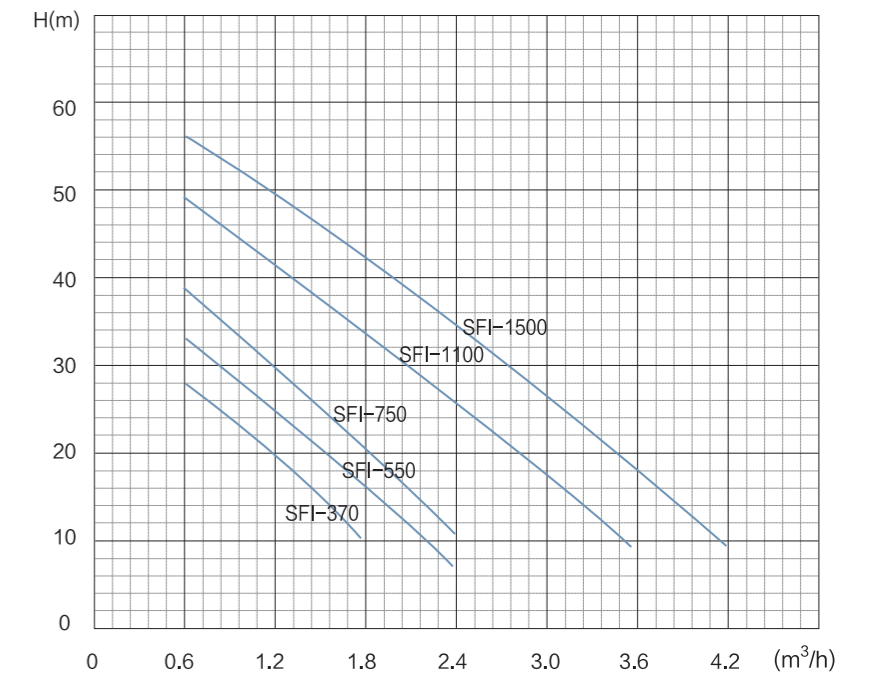
Pump

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

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 °C

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Q m³/h l/min	H(m)								Dim mm	G.W kg	
	Kw	Hp			0.6	1.2	1.8	2.4	3	3.6	4.2				
SFI-370	0.37	0.5	1"×1"	10	27	20	10							490×210×250	15.5
SFI-550	0.55	0.75	1"×1"	20	32	24	14	6						490×210×250	16.5
SFI-750	0.75	1	1"×1"	30	37	28	19	10						490×210×250	17.5
SFI-1100	1.1	1.5	1.25"×1" 1.5"×1"	40	48	40	34	26	16	8				530×240×260	24.5
SFI-1500	1.5	2	1.25"×1" 1.5"×1"	50	55	48	40	34	25	17	8			530×240×260	26

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

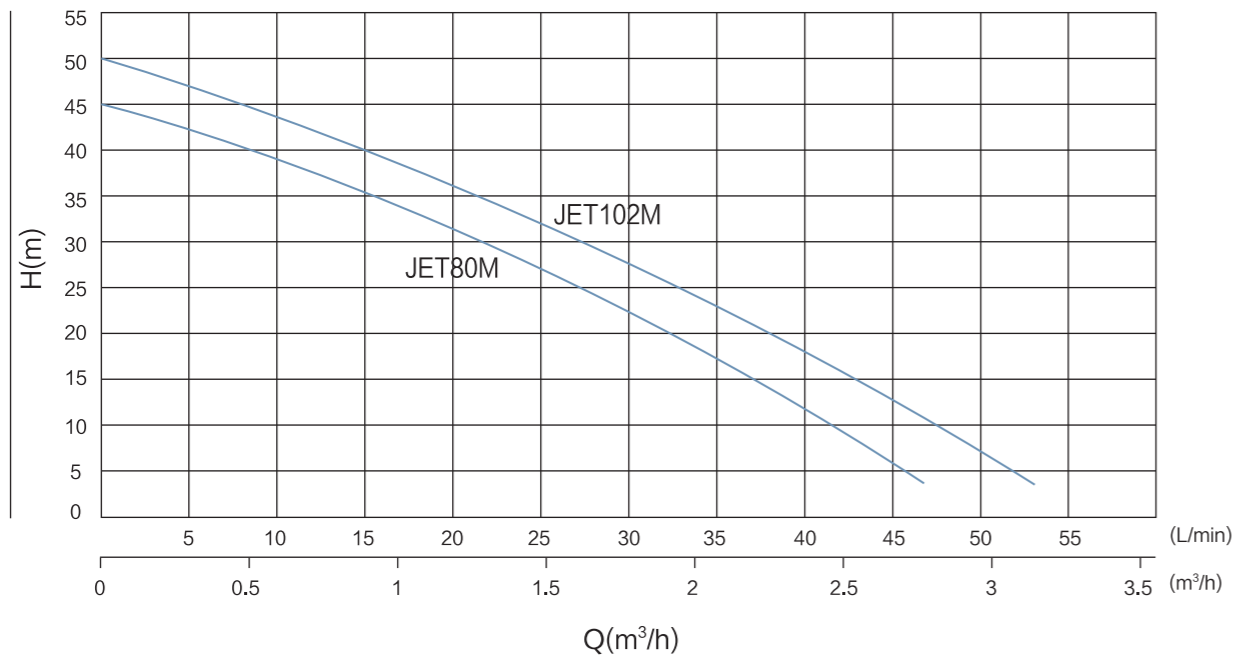
- Cast iron pump body and support under special anti-rust treatment
- Stainless steel impeller
- AISI 304 shaft
- Max. liquid temperature: +40 °C
- Max. suction: +9m



Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 °C

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m
	Kw	Hp				
JET82M	0.55	0.75	1"×1"	50	45	9
JET102M	0.75	1	1"×1"	55	50	9



JET151A



JET505A



JET255A/370A

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.

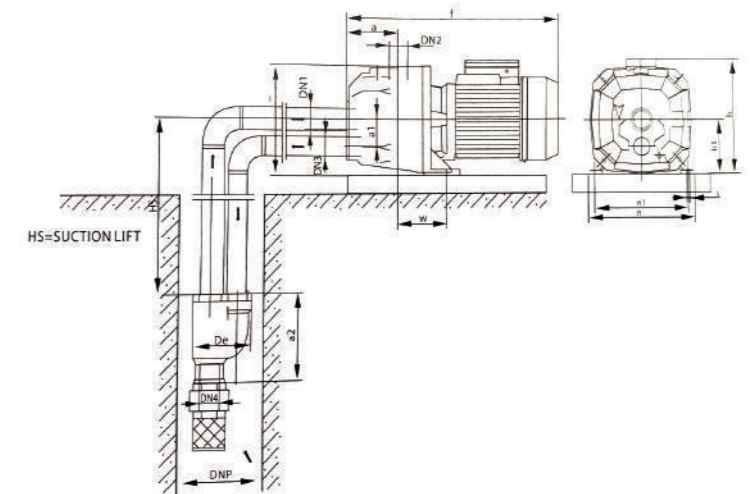
Pump

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

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 °C

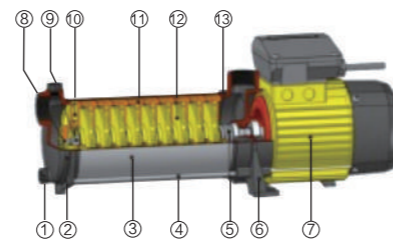
Water Pump With Integral Ejector



NO.	Model	Dnp	Dn1	Dn2	Dn3	Dn4	De	DIMENSION(mm)											
								a	a1	a2	f	f1	h	h1	l	n	n1	w	s
A	JETDP-255							91	45	142	375	515	193	94	177	184	142	100	100
B	JETDP-370	4"	1 1/4"	1"	1"	1"	97	91	45	142	375	515	193	94	177	184	142	100	100
C	JETDP-550																		

Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m	Dim mm	G.W kg
	Kw	Hp						
AUTO JET255A	0.55	0.75	1.25"×1"	50	26	15	495×210×230	15
AUTO JET370A	0.75	1	1.25"×1"	60	45	15	520×250×300	16
AUTO JET505A	1.1	1.5	1.25"×1"	80	55	25	530×250×300	18.5
AUTO JET151A	1.1	1.5	1.25"×1"	80	55	25	530×250×300	19



Application

- Can be used transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for industrial use and water supply, domestic water supply, high rise building, 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: +9m

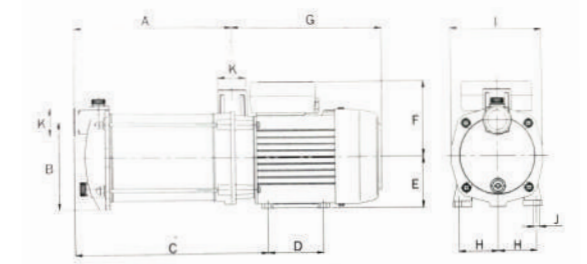
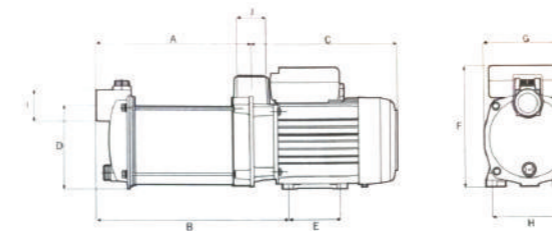
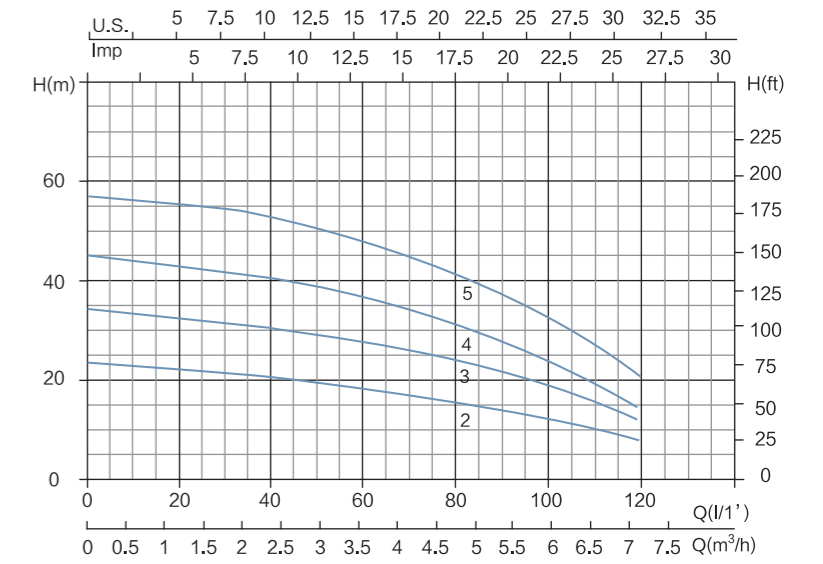
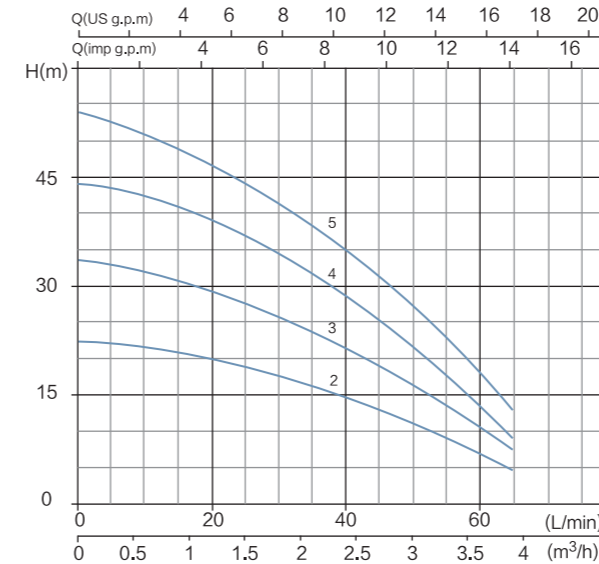
Motor

- C & U bearing
- Motor with copper winding
- Built in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP45
- Max. ambient temperature: +40 C

Materials Table

NO.	Description	Material
1	Prime And drain	POM GNF-20
2	Suction mounting	Casting Iron
3	Pump Housing	304 Stainless steel
4	Tie Bolt	Nickel Plated Steel
5	Mechanical Seal	Graphite-Ceramic-NBF
6	Discharge Mounting	Casting Iron
7	Motor	Class F IPX5
8	Shaft Sleeve	Plastic Bearing
9	Nut	304 Stainless Stssl
10	Prime Cover	PPO GNF-20
11	Diffuser	PPO GNF-20
12	Impeller	PPO GNF-20
13	Casing O-ring	EPDM

Hydraulic Performance Curves



	A	B	C	D	E	F	G	H	I	J	G.W kg
ESP15-2M	163	213	202	110	74	162	121	102	1"	1"	8.3
ESP15-3M	187	237	202	110	74	162	121	102	1"	1"	9.2
ESP15-4M	211	261	202	110	74	162	121	102	1"	1"	10
ESP15-5M	235	285	202	110	74	162	121	102	1"	1"	11

	A	B	C	D	E	F	G	H	I	J	K	G.W kg
ESP25-2M	175.5	127	226	82	75	109.5	218	59	138	8	1"	12.5
ESP25-3M	202	127	252.5	82	75	109.5	218	59	138	8	1"	13.5
ESP25-4M	228.5	127	279	82	75	109.5	218	59	138	8	1"	14.6
ESP25-5M	255	142	278	20	89.5	122	286	69	154	10	1"	19/17.3

Technical Data

Model	Power		n r/min	Q m³/h l/min	10	20	30	35	40	50	60	65
	Kw	Hp			0.6	1.2	1.8	2.1	2.4	3	3.6	3.9
ESP15-2M	0.24	0.33	2850	H(m)	21	20	16.5	16	14	10.5	7	5
ESP15-3M	0.37	0.5			32	30	26	24	22	17	10.5	7
ESP15-4M	0.55	0.75			43	39	35	32	27	21.5	14	9
ESP15-5M	0.75	1			51	47	42	38	34	25	17	12

Technical Data

Model	Power		n r/min	Q m³/h l/min	15	30	45	60	75	90	105	120
	Kw	Hp			0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2
ESP25-2M	0.55	0.75	2850	H(m)	22	21	20.5	19	17	15	12	8
ESP25-3M	0.75	1			33	32	30.5	28	26	22	17	12
ESP25-4M	0.92	1.25			43	42	40	37	33	28	22	15
ESP25-5M	1.1	1.5			56	55	52.5	48	43	37	29	20

Application

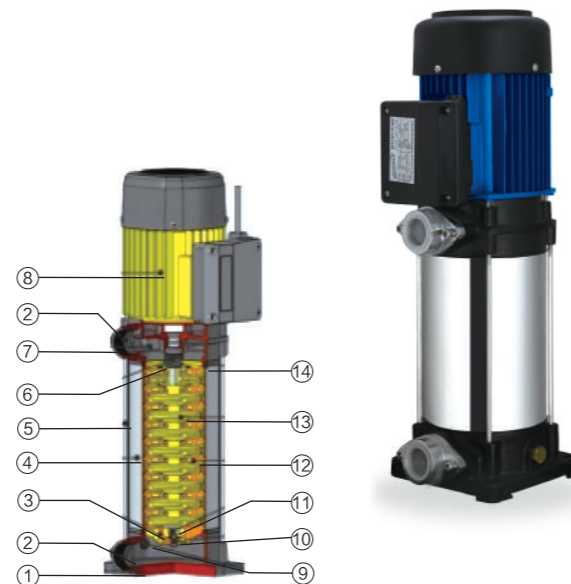
- Can be used transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for industrial use and water supply, domestic water supply, high rise building, long distance water transfer and related auxiliary equipment etc.

Pump

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

Motor

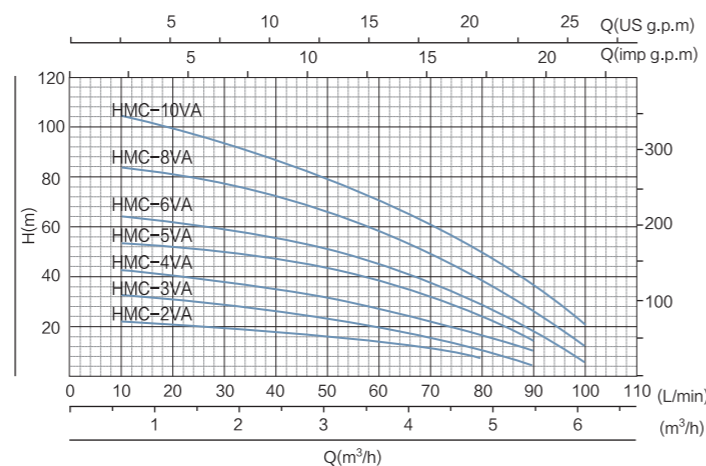
- C & U bearing
- Motor with copper winding
- Built in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP45
- Max. ambient temperature: +40 °C



Materials Table

NO.	Description	Material
1	Suction And Discharge Mounting	Casting Iron
2	Connect Flange	Casting Iron
3	Front Cover	PPO GNF-20
4	Pump Housing	304 Stainless Steel
5	Tie Bolt	Nickel Plated Steel
6	Mechanical Seal	Graphite-Ceramic-NBR
7	Motor Front Cover	Casting Iron
8	Motor	Class F IPX5
9	Prime And Drain Plugs	POM GNF-20 Or BR58
10	Shaft Sleeve	Plastic Bearing
11	Nut	304 Stainless Stssl
12	Diffuser	PPO GNF-20
13	Impeller	PPO GNF-20
14	Casing O-ring	EPDM

Hydraulic Performance Curves



Technical Data

Model	Power		n r/min	Q m³/h l/min	H(m)											
	Kw	Hp			0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	
220V/50HZ					0	10	20	30	40	50	60	70	80	90	100	
HMC-2VA	0.37	0.5	2850	H(m)	22	21	20	19	18	16	14	11	8			
HMC-3VA	0.55	0.75			33	32	30	28	26	23	20	16	11	5		
HMC-4VA	0.75	1			44	43	41	38	36	32	27	22	16	10		
HMC-5VA	0.9	1.2			55	54	52	50	47	43	37	30	22	13		
HMC-6VA	1.1	1.5			66	63	60	57	54	49	43	35	26	16	6	
HMC-8VA	1.5	2			88	84	80	76	72	65	57	48	37	25	12	
HMC-10VA	2.2	3			110	104	99	93	87	80	71	61	48	34	20	

Features

- All-in-one Controller
- Constant Pressure
- Variable Speed Motor
- Multiple Protection
- Easy Operation
- Saving Energy

WORKING CONDITIONS

- Clean liquids without suspended solids, non-aggressive
- liquid temperature: 0 °C - 90 °C
- Ambient temperature: < 40 °C
- Maximum pressure: 10 bar
- Continuous service: S1
- Insulation: B
- Protection: IP44



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.

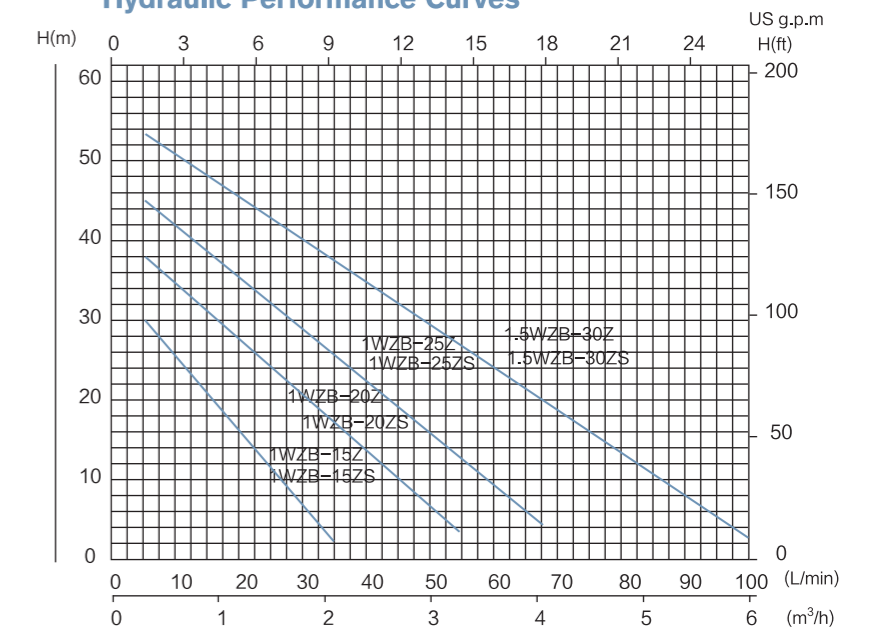
Pump

- 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: +9m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 °C
- IE2 motor for APS110

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Max Suction m
	Kw	Hp				
1WZB-15Z	0.37	0.5	1"×1"	2.1	30	9
1WZB-20Z	0.55	0.75	1"×1"	3.3	38	9
1WZB-25Z	0.75	1	1"×1"	4	45	9
1.5WZB-30Z	1.1	1.5	1.5"×1.5"	6	53	9
1WZB-15ZS	0.37	0.5	1"×1"	2.1	30	9
1WZB-20ZS	0.55	0.75	1"×1"	3.3	38	9
1WZB-25ZS	0.75	1	1"×1"	4	45	9
1.5WZB-30ZS	1.1	1.5	1.5"×1.5"	6	53	9



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:+8m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature:+40 C
- IE2 motor for APS110

Technical Data

Model	Voltage	Power	Current	Pipe	Max Flow		Max Head	Rated.Flow	Rated.Head	Max.Floor	Start Pressure
		W	A		m³/h	L/min					
JLm60-130(A)	220V/50Hz	130	1.5	25	1.8	30	25	1	12	2nd	1.6
JLm60-(B)200(A)	220V/50Hz	200	2	25	2	33	25	1	12	3rd	1.6
JLm60-(B)300(A)	220V/50Hz	300	2.5	25	2	33	30	1	13.5	4th	2
JLm60-(B)400(A)	220V/50Hz	400	2.7	25	2.5	41	35	1	15	4th	2.6
JLm60-(B)600(A)	220V/50Hz	600	4.2	25	3	50	40	1.5	22	6th	3
JLm60-(B)800(A)	220V/50Hz	800	5.2	25	3.5	58	45	1.5	28	8th	3.3
JLm90-1100(A)	220V/50Hz	1100	8	40	6	100	50	2.5	30	10th	3.8
JLm90-1500(A)	220V/50Hz	1500	10	40	6.5	108	60	3	35	12th	4.3
JLm90-1100(SSA)	220V/50Hz	1100	8	40	6	100	50	2.5	30	10th	3.8
JLm90-1500(SSA)	220V/50Hz	1500	10	40	6.5	108	60	3	35	12th	4.3



Type B



Type C

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
- AISI304 shaft
- Max. liquid temperature:+40 C
- Max. suction:+9m

Frequency Conversion Controller

Model	Power	Current	Max Flow	Max Head	Suct	Inlet/Outlet	Preset Working Pressure	Optimal Working Point
	Kw	A	m³/h	m				
SJET370VF	0.37	2.7	2.5	32	9.5	1"×1"	1.8	1.0m3/h-15m
SJET550VF	0.55	4.5	3.5	38	9.5	1"×1"	2.3	1.5m3/h-20m
SJET750VF	0.75	5.8	4	45	9.5	1"×1"	2.8	2.0m3/h-25m



Type A

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class:IP44/IP54
- Max. ambient temperature: +40 C
- IE 2 motor(Three phase, power≥0.75KW)

SJET SERIES SELF-PRIMING PUMPS

Intelligent Controller

Model	Power	Current	Max Flow	Max Head	Suct	Inlet/Outlet
	Kw	A	m3/h	m		
SJET370	0.37	2.7	2.5	32	9	1"×1"
SJET550	0.55	4.5	3.5	38	9	1"×1"
SJET750	0.75	5.8	4	45	9	1"×1"



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
- AISI304 shaft
- Max. liquid temperature: +40 °C
- Max. suction: +8m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44/IP54
- Max. ambient temperature: +40 °C
- IE 2 motor (Three phase, power ≥ 0.75KW)

WZB SERIES SELF-PRIMING PUMPS

Intelligent Controller

Model	Power Kw	Current A	Max Flow m ³ /h	Max Head m	Suct m	Inlet/Outlet inch
WZB370	0.37	2.7	2.5	32	8	1"×1"
WZB550	0.55	4.5	3.5	38	8	1"×1"
WZB750	0.75	5.8	4	45	8	1"×1"

Frequency Conversion Controller

Model	Power	Current	Max Flow	Max Head	Suct	Inlet/Outlet	Preset Working Pressure	Optimal Working Point
	Kw	A	m ³ /h	m	m	inch	kg/cm ²	
WZB370VF	0.37	2.7	2.5	32	8	1"×1"	1.8	1.0m ³ /h-15m
WZB550VF	0.55	4.5	3.5	38	8	1"×1"	2.3	1.5m ³ /h-20m
WZB750VF	0.75	5.8	4	45	8	1"×1"	2.8	2.0m ³ /h-25m

According to standardized series DIN24255

Performance And Working Limits

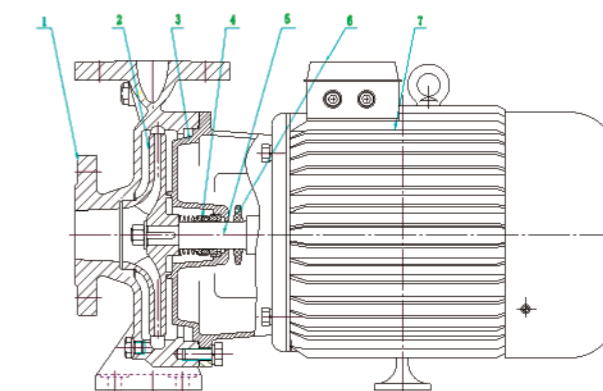
- Capacity up to 300m³/h
- Max. pressure 1Mpa
- Min. temperature -20 °C
- Total head up to 91m Max. temperature 140 °C

Construction

- Single stage pump with radially split casing, axial suction and vertical discharge. EN pumps are couple to the motor by means of a casing cover/motor, cast in one piece. Shielded, grease lubricated ball bearings do not need any
- Maintenance. Unbalanced standard mechanical seals (silicon carbide-carbon-vitium). Flanges are according to UNI2223 pn16

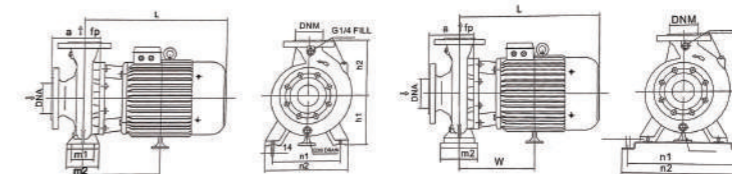
Material

- Standard construction is: Casing and impeller in cast iron. Shaft in stainless steel AISI 240



1.Pump casing 2.Impeller 3.Connector
4.Mechanical seal 5.Shaft 6.Drops guard 7.Motor





Model	Current 3*380V	Power		m³/h L/min	Capacity																													
		KW	HP		0	4.5 75	6 100	7.5 125	9 150	12 200	15 250	18 300	24 400	30 500	36 600	42 700	48 800	60 1000	72 1200	78 1300	84 1400	96 1600	108 1800	120 2000	132 2200	144 2400	156 2600	168 2800	180 3000	195 3250	210 3500	225 3750	250 4167	
EN50-32-160C	4	1.5	2	20.3	19.6	19.1	18.2	16.8	15.5	14.1	12.3																							
EN50-32-160B	5.2	2.2	3	26	25.0	24.6	24.1	23.2	22.0	20.5	18.8																							
EN50-32-160A	7.2	3	4	36.7		36.5	36.0	35.5	34.3	32.9	31.1	26.0																						
EN50-32-200C	9.3	4	5.5	41	40.0	39.6	38.8	37.5	36.0	34.2	30.0																							
EN50-32-200B	14.1	5.5	7.5	53	52.0	51.5	51.0	50.0	48.5	46.8	42.6	37.0	28.8																					
EN50-32-200A	16.5	7.5	10	61	60.5	60.0	59.5	58.5	57.2	55.5	51.5	46.3	38.4																					
EN50-32-250C	20	9	12	70		68.5	68.0	67.0	65.6	63.5	58.7	50.5																						
EN50-32-250B	24.2	11	15	82		81.0	80.5	79.5	78.5	77.0	72.6	66.5																						
EN50-32-250A	30	15	20	93		92.4	92.0	91.5	90.5	89.4	85.6	80.0																						
EN65-40-125B	4	1.5	2	18.1					17.2	16.7	15.0	12.7	9.6	6.0																				
EN65-40-125A	5.2	2.2	3	24.4					23.5	23.0	21.0	18.8	15.8	12.3																				
EN65-40-160C	7.2	3	4	26.1						26.0	25.5	24.0	22.5	19.0	15.0																			
EN65-40-160B	7.3	4	5.5	30						29.5	29.0	28.0	27.0	23.5	20.0																			
EN65-40-160A	10	5.5	7.5	35.3						34.5	33.5	33.0	33.5	29.0	25.0																			
EN65-40-200B	13.1	5.5	7.5	46.6					45.0	44.0	41.0	38.5	34.5	29.5																				
EN65-40-200A	16.7	7.5	10	57					55.0	54.0	52.0	49.0	45.5	41.4	36.0																			
EN65-40-250C	24.3	11	15	64					60.0	59.0	56.0	53.0	49.0	45.0	39.0																			
EN65-40-250B	32	15	20	72					68.0	67.0	65.0	61.0	57.0	52.0	47.0																			
EN65-40-250A	41.5	18.5	25	85					81.0	80.0	77.0	74.0	70.0	65.0	60.0																			
EN65-50-125B	7.2	3	4	20								19.5	18.8	18.0	16.9	14.1	10.5																	
EN65-50-125A	9.9	4	5.5	24								23.5	23.0	22.5	21.5	19.0	15.8	11.8																
EN65-50-160B	11.7	5.5	7.5	32								31.5	30.5	29.5	28.0	24.5	20.5	14.8																
EN65-50-160A	15.8	7.5	10	40								39.0	38.0	37.0	36.0	33.0	29.0	24.0																
EN65-50-200C	18.5	9	12	47								44.3	42.9	40.2	38.5	33.0	24.5																	
EN65-50-200B	21	11	15	52								45.7	50.0	48.5	46.8	44.7	39.4	32.0																
EN65-50-200A	27	15	20	58.6								51.0	57.6	56.4	55.0	53.3	49.0	42.9	38.8															
EN65-50-250C	32.5	15	20	71.4								58.1	70.2	69.0	67.5	66.0	61.5	55.0	50.5															
EN65-50-250B	41.5	18.5	25	78								77.5	76.1	74.5	72.9	68.3	62.3	58.3																
EN65-50-250A	51.6	22.5	30	90								88.8	87.7	86.1	84.6	80.5	75.3	71.8																
EN80-65-125B	12.3	5.5	7.5	23								21.5	20.5	19.0	17.5	18.3	16.0	14.0																
EN80-65-125A	16	7.5	10	27								26.0	25.0	24.5	22.0	23.0	20.0	18.0																
EN80-65-160C	19.4	9	12	30.5								31.2	30.5	29.7	28.3	29.0	26.5	24.6	22.1	19.4	16.0													
EN80-65-160B	22.3	11	15	36								34.5	34.0	33.0	31.5	32.8	30.0	28.0	25.5	24.1	21.1													
EN80-65-160A	30	15	20	42								41.5	41.0	40.0	38.5	39.4	37.0	35.0	33.0	30.0														
EN80-65-200C	32.5	15	20	45								44.6	43.7	42.3	43.0	40.5	38.0	35.3	32.0															
EN80-65-200B	41.5	18.5	25	52								49.3	48.5	47.3	48.0	45.5	43.5	41.0	38.0															
EN80-65-200A	51.3	22	30	59								56.5	55.7	54.8	55.2	53.3	51.5	49.0	47.2	44.0														
EN80-65-250B	63.4	30	40	81								78.5	76.0	73.0	74.6	69.3	65.0	60.0	54.6	48.6														
EN80-65-250A	74.3	37	50	90								88.5	86.5	84.0	85.4	80.5	76.4	72.0	66.7	60.5	54.0													
EN100-80-160D	20.8	11	15	26								25.4	24.7	25.1	23.9	22.9	21.8	20.0	19.3	17.8	16.4	14.6												
EN100-80-160C	25.8	15	20	29.5								29.2	28.7	29.0	28.2	27.0	25.9	24.7	23.4	22.0	20.5	18.7	16.5											
EN100-80-160B	35	18.5	25	34.5								33.9	33.4	33.7	32.0	31.0	30.0	29.0	27.7	26.4	25.0	22.9	20.4											
EN100-80-160A	42	22	30	39								38.0	37.3	37.8	36.9	36.2	35.5	34.5	33.6	32.4	31.3	30.0	28.0	25.7	22.9									
EN100-80-200B	42	22	30	44								43.5	43.2	42.8	42.5	42.0	41.5	40.0	37.8	36.5	35.0	30.5	26.5											
EN100-80-200A	63.4	30	40	57								56.5	56.0	56.2	55.5	55.0	53.8	52.5	51.8	50.0	48.0	45.5	41.0	38.5										
EN125-100-200C	42	22	30	38												36.8	36.5	36.0	35.5	34.5	34.0	33.5	32.5	31.5	30.0	27.5								
EN125-100-200B	63.4	30	40	43												42.0	41.8	41.5	41.0	40.5	40.0	39.5	38.0	37.0	36.0	34.0								
EN125-100-200A	74.3	37	50	48												47.6	47.4	47.2	47.0	46.5	46.4	45.5	44.5	43.5	42.5	40.0								

TYPE	KW	Dimentions(mm)														Pedestal
		DHA	DNM	a	fp	h1	h2	h3	m1	m2	n1	n2	W	L		
EN50-32-160A	3	50	32	80	48	132	160	/	65	100	190	240	252	393	NO	
EN50-32-160B	2.2	50	32	80	48	132	160	/	65	100	190	240	340	393	NO	
EN50-32-160C	1.5	50	32	80	48	132	160	/	65	100	190	240	340	393	NO	
EN50-32-200A	7.5	50	32	80	42	160	180	/	65	100	190	240	283	448	NO	
EN50-32-200B	5.5	50	32	80	42	160	180	/	65	100	190	240	270	421	NO	
EN50-32-200C	4	50	32	80	42	160	180	/	65	100	190	240	270	421	NO	
EN50-32-250A	15	50	32	80	46	/	225	215	/	135	366	400	355	582	YES	
EN50-32-250B	11	50	32	80	46	/	225	215	/	135	366	400	355	582	YES	
EN50-32-250C	9	50	32	80	46	/	225	215	/	135	366	400	355	582	YES	
EN65-40-125A	2.2	65	40	80	42	112	140	/	65	100	160	210	234	340	NO	
EN65-40-125B	1.5	65	40	80	42	112	140	/	65	100	160	210	220	340	NO	
EN65-40-160A	5.5	65														



Component	Material
Pump body	Brass
Motor bracket	Stainless steel
Impeller	Brass
Motor shaft	CS#45 or SS304
Mechanical	Ceramic-graphite

Application

- The pump are used for cold or hot water circulation and water-conditioning systems such as underfloor heating system,solar heating systems,shower boosting systems,refrigeration units,etc.

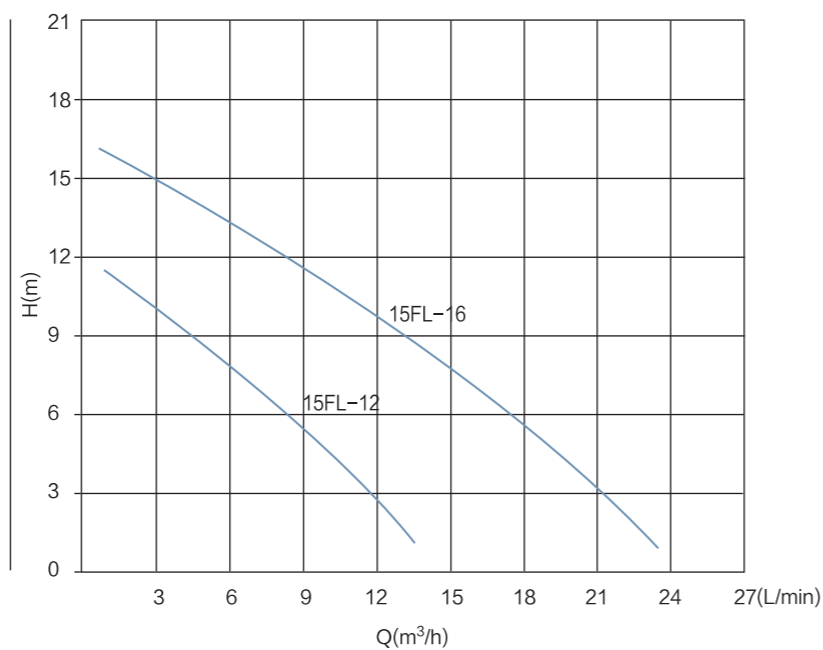
Pump

- Fluid temperature +40 C
- Max ambient temperature +120 C

Motor

- Single phase two-pole induction motor
- 220V/50Hz 220V/60Hz 110V/60Hz
- Thermal overload protector,continuous duty
- Isulation class:B
- Protection:IP44

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe mm	Q.Max L/min	H.Max m	Dim mm	G.W kg
	Kw	Hp					
15FLA-12	90	0.12	15	14	12	195×130×125	2.5
15FLB-12	90	0.12	15	14	12	203×125×140	3.5
15FLC-12	90	0.12	15	14	12	205×147×140	3.8
15FLA-16	120	0.16	15	25	16	230×150×133	3.8
15FLB-16	120	0.16	15	25	16	220×150×150	2.5
15FLC-16	120	0.16	15	25	16	235×150×140	3.8

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

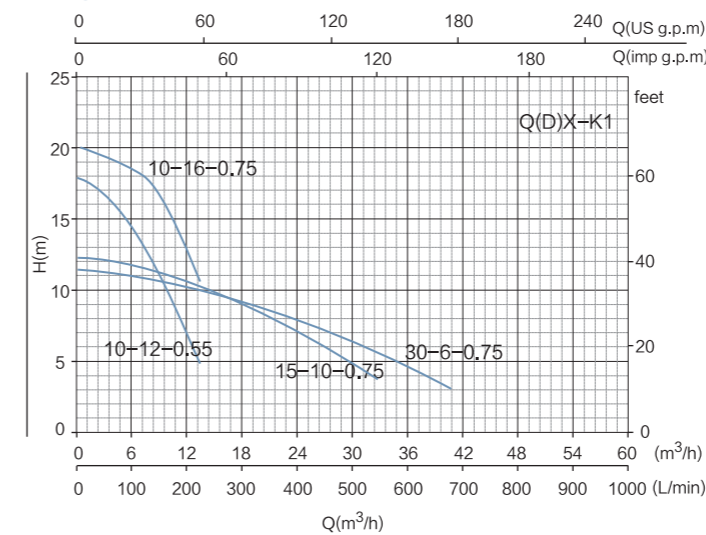
- Engineering plastic pump body
- Float switch ensures automatic cut-in and cut-out
- Max. liquid temperature:+35 C
- Max. immersion depth:7m
- Max. diameter of particle:5mm

Motor

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

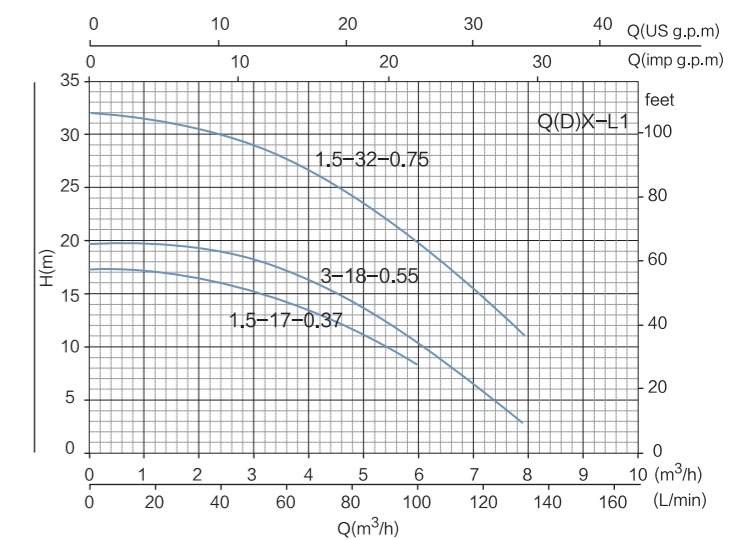


Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Dim mm	G.W kg
	Kw	Hp					
QDX1.5-17-0.37L1	0.37	0.5	1"	6	17.5	385×160×220	7
QDX3-18-0.55L1	0.55	0.75	1.25"	7.9	19.5	410×180×220	9.5
QDX10-12-0.55L1	0.55	0.75	1.5"	15	18.5	410×210×220	9.5
QDX1.5-32-0.75L1	0.75	1	1"	6	32.5	420×210×220	11.5
QDX10-16-0.75K1	0.75	1	2"	15	20	420×190×230	11
QDX15-10-0.75K1	0.75	1	2.5"	36	12	420×220×240	11.5
QDX30-6-0.75K1	0.75	1	3"	43	8.5	450×285×285	14.5



Application

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- Suitable to be immersed in water for lifting water from the well or the pool, and draining water from the basement.

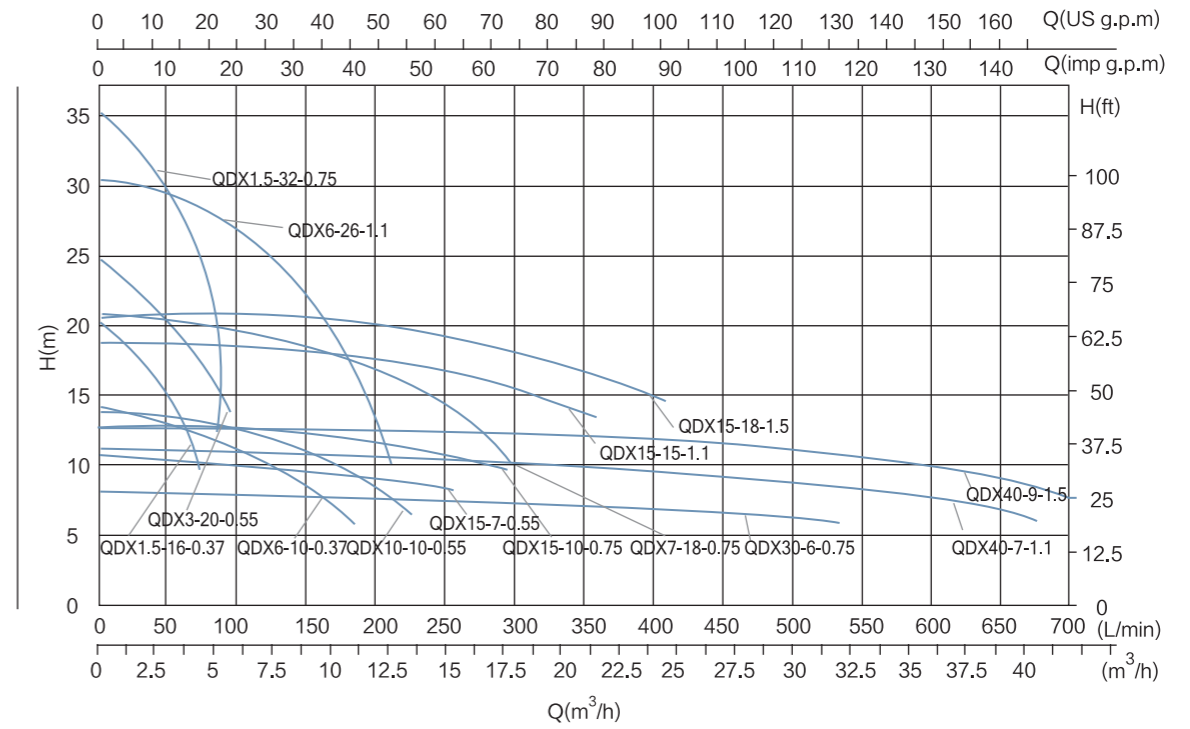
Pump

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

Motor

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

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Dim mm	G.W kg
	Kw	Hp					
QDX1.5-12-0.25	0.25	0.37	1"	1.5	12	405×230×190	8
QDX1.5-16-0.37	0.37	0.5	1"	1.5	16	410×170×235	9
QDX6-10-0.37	0.37	0.5	1.5"	6	10	410×170×235	10
QDX3-20-0.55	0.55	0.75	1"	3	20	415×190×230	12
QDX10-10-0.55	0.55	0.75	1.5"	10	10	415×190×230	13
QDX15-7-0.55	0.55	0.75	2"	15	7	420×225×195	13
QDX1.5-25-0.55	0.55	0.75	1"	1.5	25	405×230×190	11
QDX1.5-32-0.5	0.75	1	1"	1.5	32	420×200×220	14
QDX7-18-0.75	0.75	1	1.5"/2"	7	18	430×195×250	14
QDX30-6-0.75	0.75	1	3"	30	6	465×215×275	16
QDX15-10-0.75	0.75	1	2.5"/2"	15	10	460×270×220	14.5
QDX10-16-0.75	0.75	1	2"/1.5"	10	16	430×195×250	14
QDX6-26-1.1	1.1	1.5	1.5"	6	26	450×210×275	15.5
QDX15-15-1.1	1.1	1.5	2.5"/2"	15	15	450×210×275	15
QDX40-7-1.1	1.1	1.5	3"	40	7	465×235×295	17
QDX15-18-1.5	1.5	2	2.5"/2"	15	18	465×210×275	17.5
QDX40-9-1.5	1.5	2	3"	40	9	480×235×295	19.5
QDX50-7-1.5	1.5	2	4"	50	7	540×330×245	22.5





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:7m
- Max. diameter of particle:5mm

Motor

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

Component	Material
Pump body	Cast iron
Motor bracket	SS304
Impeller	Cast iron
Motor shaft	CS#45 or SS304
Mechanical seal	Ceramic-graphite
Bearing	Normal or C&U

Technical Data

Model	Power		Volt(V)		Pipe inch	Q.Max L/min	H.Max m	G.W kg
	Kw	Hp	Single Phase	Three Phase				
SH750	0.75	1	220	380	1.5"	200	25	23
SH1500	1.5	2	220	380	2"	350	30	30
SH2200	2.2	3	220	380	3"	450	35	46
SH4000	4	5	220	380	3"	600	40	49
SH5500	5.5	7.5	220	380	4"	800	46	77
SH7500	7.5	10	220	380	4"	1000	52	88
SH11000	11	15	220	380	4"	1100	62	120



Application

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Pump

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- Float switch ensures automatic cut-in and cut-out
- Max. liquid temperature:+35 C
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- Max. diameter of particle:5mm

Motor

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- Insulation class: B
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Component	Material
Pump body	Cast iron
Motor bracket	SS304
Impeller	Cast iron
Motor shaft	CS#45 or SS304
Mechanical seal	Ceramic-graphite
Bearing	Normal or C&U

Technical Data

Model	Power		Pipe inch	Q m³/h Q L/min	0	3	6	9	12	15
	Kw	Hp			0	50	100	150	200	250
SPA6-12/1-0.75AF	0.75	1	2"	H(m)	16	14.5	12	9		
SPA6-28/2-1.1AF	1.1	1.5	2"		32.5	32	30	25.5	19	8.5
SPA6-39/3-1.5AF	1.5	2	2"		39.5	38.5	35	30	22.5	11.5
SPA6-50/4-2.2AF	2.2	3	2"		50	48	43.5	36	26.5	14

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: 7m
- Max. diameter of particle: 5mm

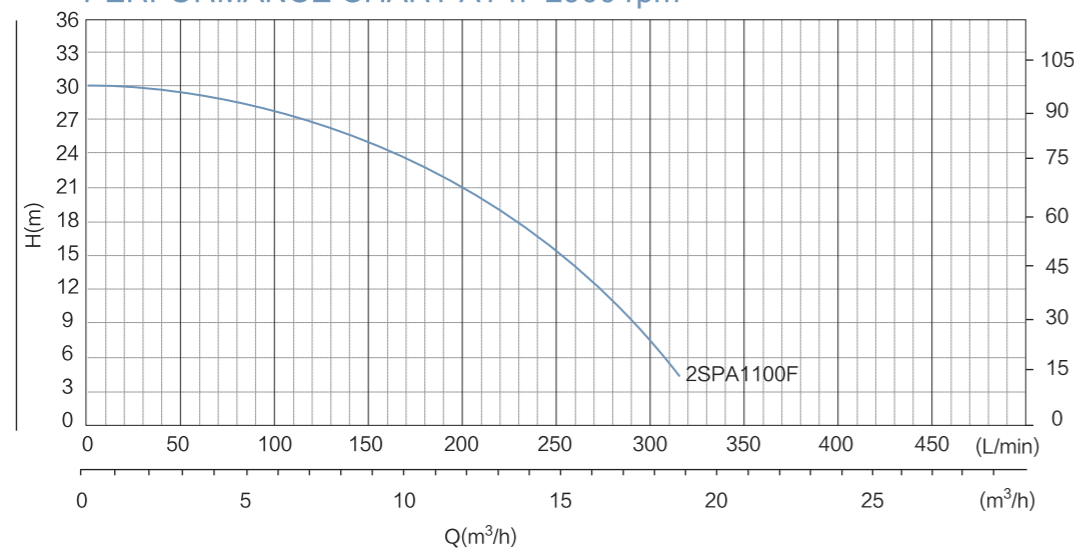
Motor

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



Hydraulic Performance Curves

PERFORMANCE CHART AT n=2900 rpm



Technical Data

Model	Power		Q m³/h	0	3	4.2	6	9	10.2	12	13.2	15	18
	Kw	Hp											
2SPA1100F	1.1	1.5	H(m)	30	29	28.5	27	24	22.5	19	18	14	6.5

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: 7m
- Max. diameter of particle: 5mm

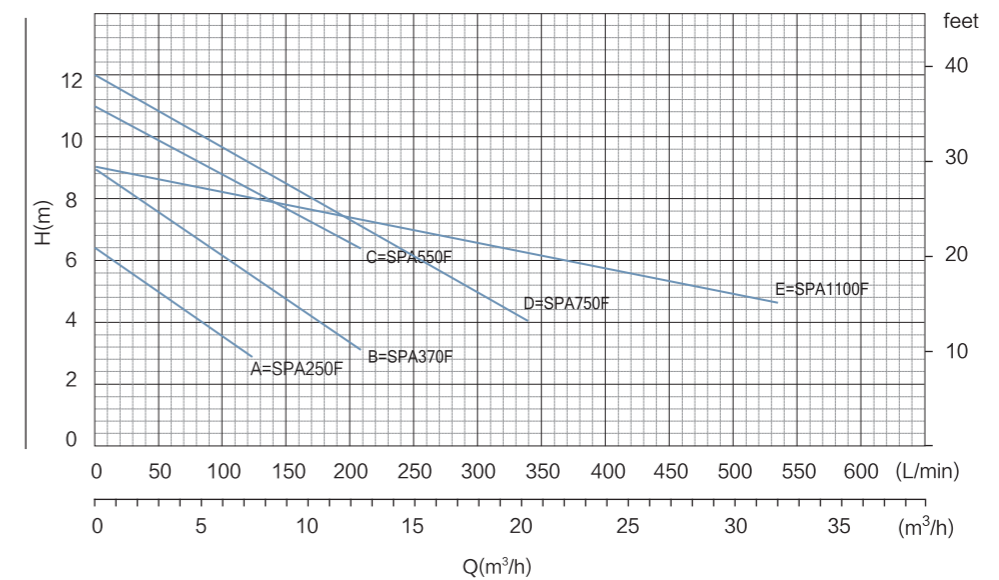
Motor

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



Hydraulic Performance Curves

PERFORMANCE CHART AT n=2900 rpm



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Dim mm	G.W kg
	Kw	Hp					
SPA250F	0.25	0.37	1.2"	7	7.5	200×185×325	7.5
SPA370F	0.37	0.5	1.5"	12.5	9	250×220×40.5	12.5
SPA550F	0.55	0.75	1.5"	12.6	11	250×225×405	13.3
SPA750F	0.75	1	1.5"	20	12	270×235×410	16
SPA1100F	1.1	1.5	2.5"	32	9	450×315×265	20.5

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

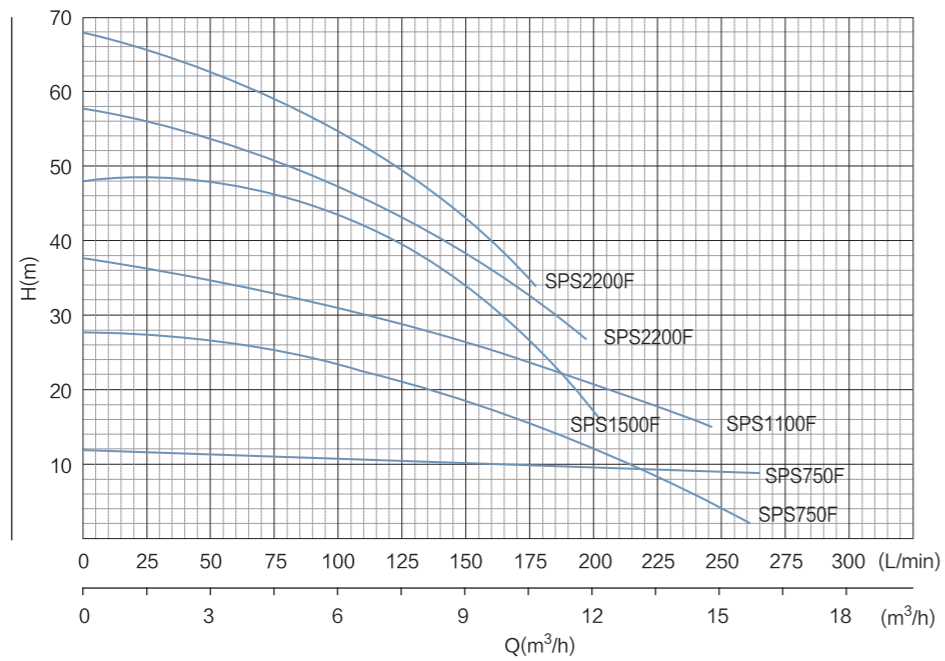
- Engineering plastic pump body
- Float switch ensures automatic cut-in and cut-out
- Max. liquid temperature: +35 °C
- Max. immersion depth: 7m
- Max. diameter of particle: 5mm

Motor

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



Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Number of Stages	Q m³/h															
	Kw	Hp			0	4.3	6	7.7	8.4	9.6	10.2	10.8	12	13.2	15	16	25.7			
SPS750F	0.75	1	2"	1	12						10	9.9	9.8	9.7	9.5	9	5			
SPS750F	0.75	1	2"	2	28	25	23	22	20	18	17	16	14	11	5	2				
SPS1100F	1.1	1.5	2"	3	38	34	33	31	29	26	24	22	20	16	15					
SPS1500F	1.5	2	2"	4	48	43	41	37	35	32	30	28	21	16						
SPS2200F	2.2	3	2"	5	52	53	49	43	40	38	33	31	27							
SPS2200F	2.2	3	2"	6	68	62	54	49	45	40	36	34								

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

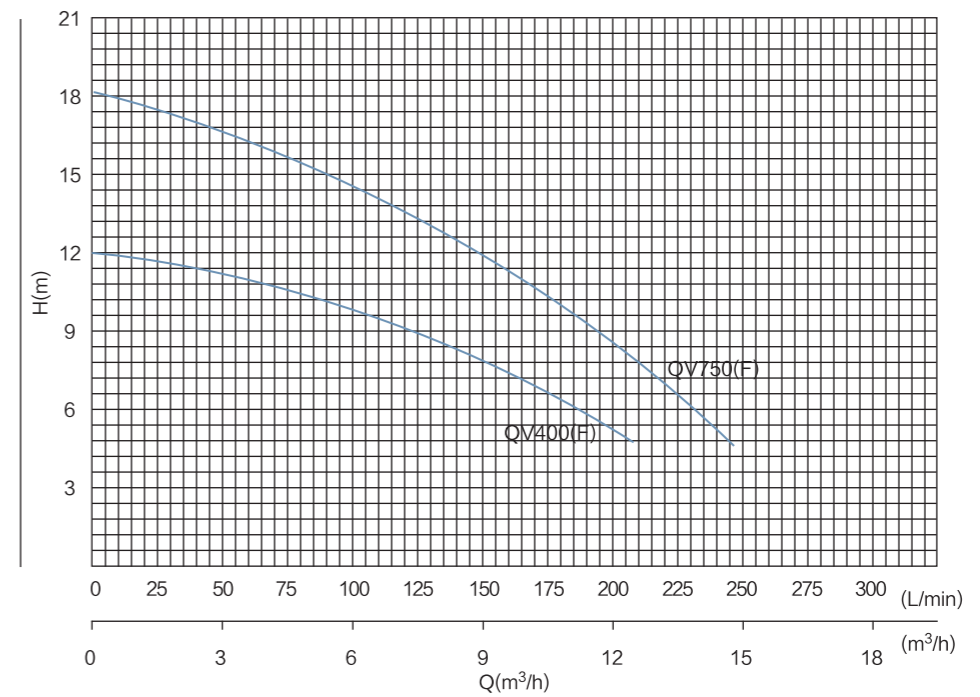
- Max. immersion depth: 5m
- Max. liquid temperature: +40 °C
- Liquid PH value: 5-9
- Max. liquid density: 1.2 × 10³ kg/m³

Motor

- Copper winding
- Insulation class: F
- Protection class: IP68



Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Q m³/h l/min	H(m)					
	Kw	Hp			0	3	6	9	12	15
QV400(F)	0.4	0.54	2"×2"	12	11	9.8	7.8	5.2		
QV750(F)	0.75	1	2"×2"	18	16.5	14.7	12.2	8.5	4.5	

Application

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Pump

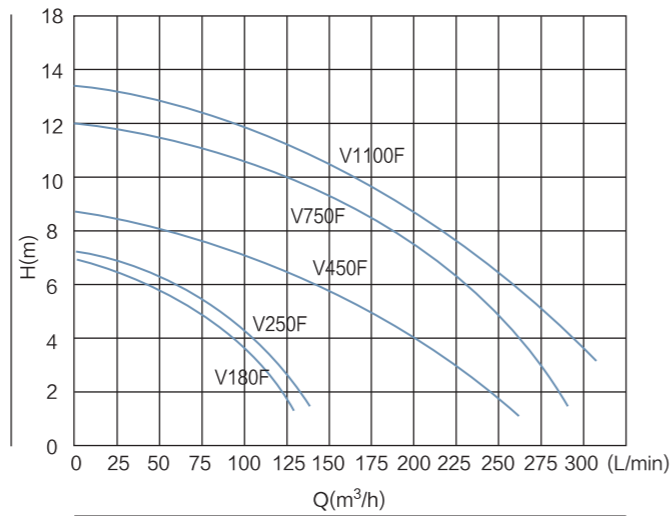
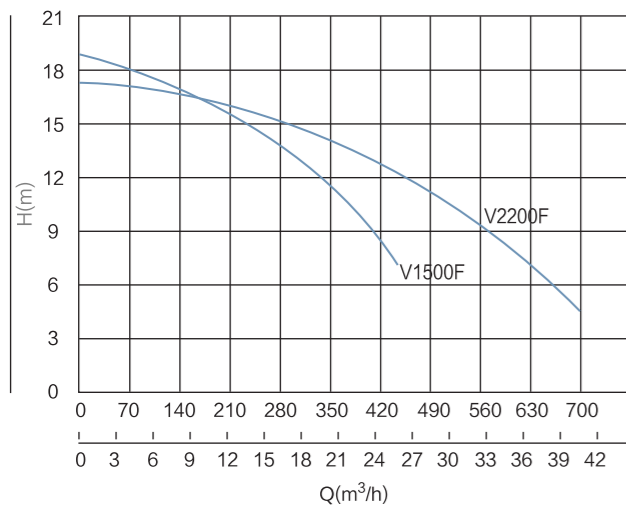
- Max. immersion depth:5m
- Max. liquid temperature:+40 C
- Liquid PH value:5-9
- Max. liquid density:1.2×10³kg/m³

Motor

- Copper winding
- Insulation class: F
- Protection class: IP68



Hydraulic Performance Curves



Technical Data

Model	Power		Outlet mm	Max Flow		Max Head m	Dim mm	G.W kg
	Kw	Hp		m ³ /h	l/min			
V180F	0.18	0.24	40,32,25	8	133	7	185×180×360	9
V250F	0.25	0.33	40,32,25	9	150	7.5	185×180×360	9.5
V450F	0.45	0.6	50	12	200	8.5	255×195×495	18
V750F	0.75	1	50	18	300	12	255×195×495	22
V1100F	1.1	1.5	50	20	333	9	275×225×555	23.5
V1500F	1.5	2	40	16.2	270	19	585×350×245	27
V2200F	2.2	3	75	42	700	16	585×350×245	35

Application

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Pump

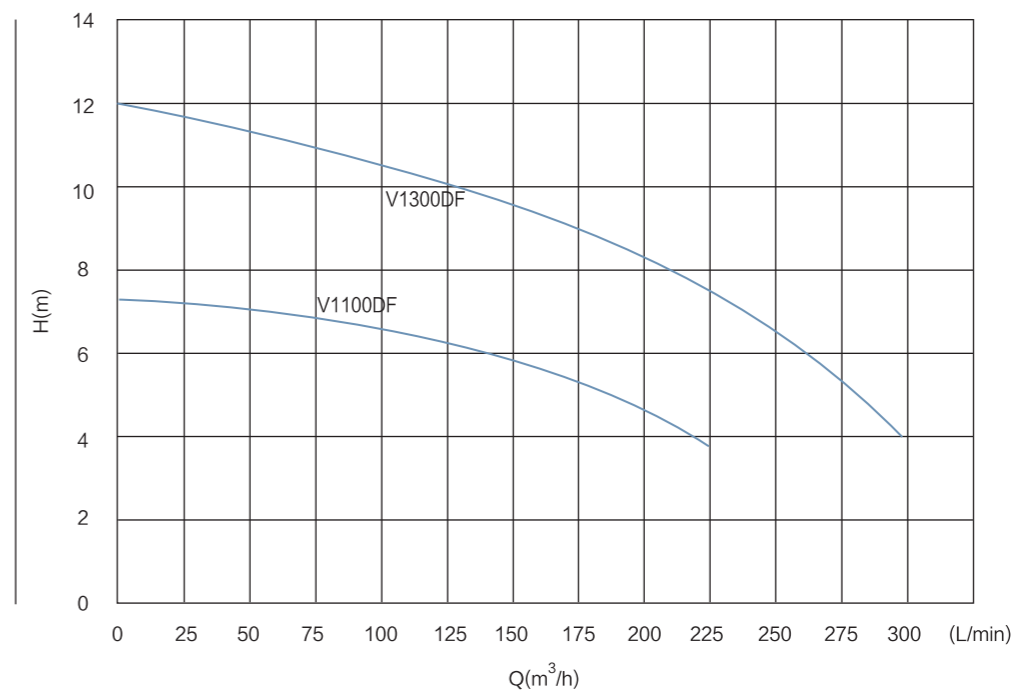
- Max. immersion depth:5m
- Max. liquid temperature:+40 C
- Liquid PH value:5-9
- Max. liquid density:1.2×10³kg/m³

Motor

- Copper winding
- Insulation class: F
- Protection class: IP68



Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max .Flow L/min	Max. Head m	Dim mm	G.W kg
	Kw	Hp					
V1100DF	1.1	1.5	2"	233	7	270×220×550	24
V1300DF	1.3	1.7	2"	300	12	300×240×560	25



Application

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Motor

- Copper winding
- Insulation class: F
- Protection class: IP68

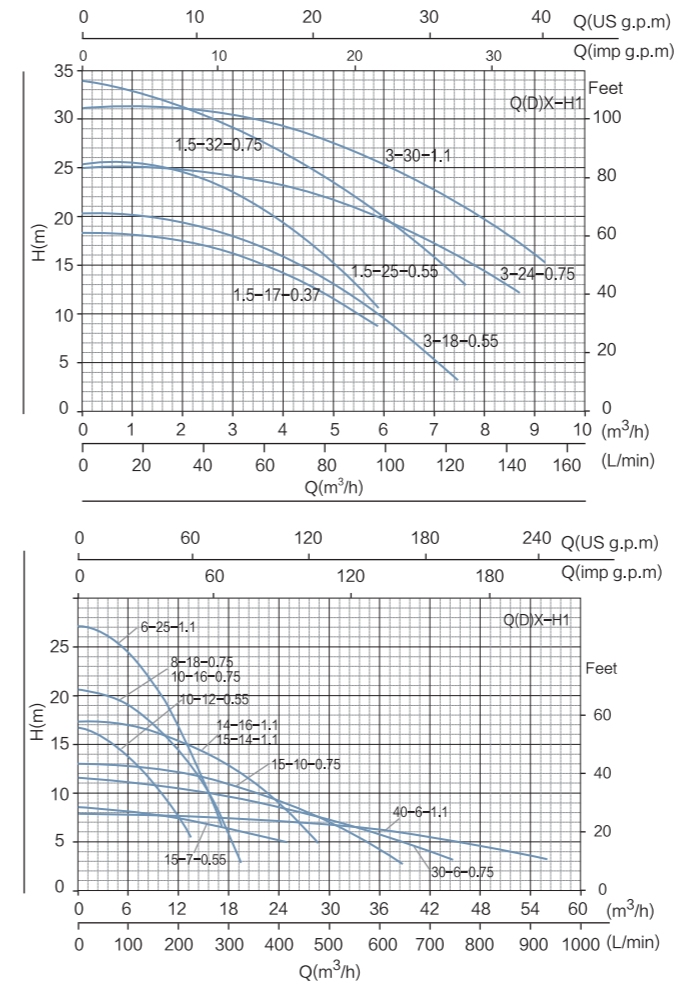
Pump

- Max. immersion depth: 5m
- Max. liquid temperature: +40 C
- Liquid PH value: 5-9
- Max. liquid density: $1.2 \times 10^3 \text{ kg/m}^3$

Technical Data

Model	Motor				Pump			Cable m
	Power		Volt(V)		Pipe inch	Q.Max L/min	H.Max m	
	Kw	Hp	Single Phase	Three Phase				
SS750A	0.75	1	220	380	2"	380	10	6
SS750B	0.75	1	220	380	3"	500	10	6
SS1500	1.5	2	220	380	3"	600	14	10
SS2200	2.2	3	220	380	4"	800	18	10
SS4000	4	5	220	380	4"	1000	26	10
SS5500	5.5	7.5	220	380	4"	1400	26	10
SS7500	7.5	10	220	380	4"	1600	30	10
SS11000	11	15	220	380	4"	2000	30	10

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m³/h	Max Head m	Dim mm	G.W kg	20'Loading Qty(pcs)
	Kw	Hp						
1.5-17-0.37H1	0.37	0.5	1"	6	18	380×230×210	7.5	2200
1.5-25-0.55H1	0.55	0.75	1"	6	26	395×270×240	10.5	1600
3-18-0.55H1	0.55	0.75	1.25"	7	20.5	395×270×240	10.5	1900
10-12-0.55H1	0.55	0.75	1.5"	14	16.5	395×270×240	10.5	1800
15-7-0.55H1	0.55	0.75	2"	24	8.5	395×270×240	10.5	1700
1.5-32-0.75H1	0.75	1	1"	8	34	395×270×240	12.5	1400
3-24-0.75H1	0.75	1	1.25"	8.5	25.5	395×270×240	12.5	1500
8-18-0.75H1	0.75	1	1.5"	19.5	20	395×270×240	12.5	1600
10-16-0.75H1	0.75	1	2"	19.5	20	395×270×240	12	1600
15-10-0.75H1	0.75	1	2.5"	36	12	395×270×240	12	1450
30-6-0.75H1	0.75	1	3"	45	11.5	445×280×220	16.5	1100
3-30-1.1H1	1.1	1.5	1"	9.5	30	465×255×245	13.5	1400
6-25-1.1H1	1.1	1.5	1.5"	16	25	480×285×220	13.5	1400
15-14-1.1H1	1.1	1.5	2.5"	28	17	480×285×220	16.5	1200
14-16-1.1H1	1.1	1.5	2.5"	28	17	480×285×220	15.5	1250
40-6-1.1H1	1.1	1.5	3"	60	8	545×250×323	18	1050

Application

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- Drainage station in residential quarters
- Municipal projects
- Methane pools and field irrigation in countryside

Pump

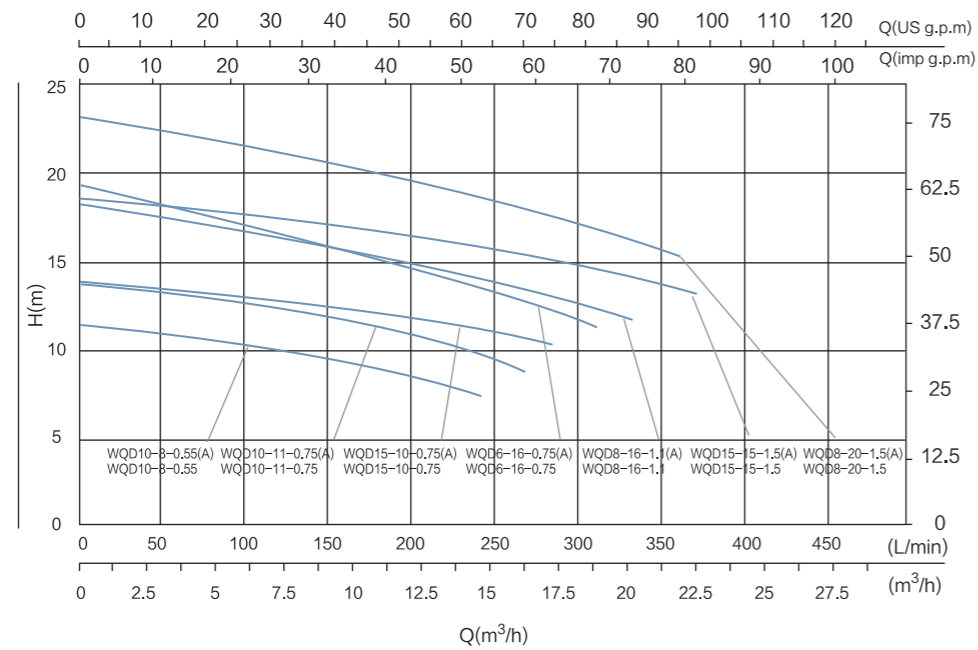
- Max. immersion depth:5m
- Max. liquid temperature:+40 °C
- Liquid PH value:5-9
- Max. liquid density:1.2×10³kg/m³

Motor

- Copper winding
- Insulation class: F
- Protection class: IP68



Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Rated. Flow m ³ /h	Rated. Head m	Dim mm	G.W kg
	Kw	Hp					
WQD10-8-0.55	0.55	0.75	1.5"	10	8	487×280×203	20.5
WQD10-8-0.55	0.55	0.75	2"	10	8	487×280×203	20.5
WQD6-16-0.75	0.75	1	1.5"	6	16	487×280×203	22
WQD10-11-0.75	0.75	1	2"	10	11	487×280×203	22
WQD10-11-0.75	0.75	1	2.5"	10	11	487×280×203	22
WQD15-10-1.1	1.1	1.5	2"	15	10	560×290×228	24.5
WQD15-10-1.1	1.1	1.5	2.5"	15	10	560×290×228	24.5
WQD8-16-1.1	1.1	1.5	2"	8	16	560×290×228	24
WQD15-15-1.5	1.5	2	2"	15	15	560×290×228	27.5
WQD8-20-1.5	1.5	2	1.5"	8	20	560×290×228	27

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

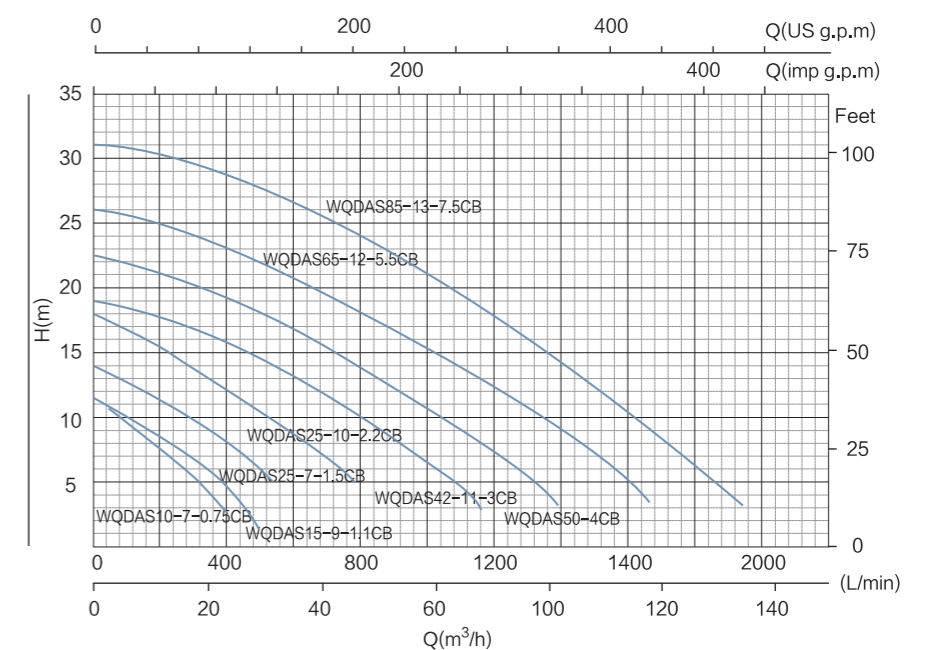
- Max. immersion depth:5m
- Max. liquid temperature:+40 °C
- Liquid PH value:5-9
- Max. liquid density:1.2×10³kg/m³

Motor

- Copper winding
- Insulation class: F
- Protection class: IP68



Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m ³ /h	Max Head m	Dim mm	G.W kg
	Kw	Hp					
WQDAS10-7-0.75CB	0.75	1	2"	10	7	500×240×290	38
WQDAS10-7-0.75CB	0.75	1	2"	10	7	500×240×290	33
WQDAS15-9-1.1CB	1.1	1.5	2"	15	9	500×240×290	35
WQDAS25-7-1.5CB	1.5	2	2.5"	25	7	580×280×330	44
WQDAS25-10-2.2CB	2.2	3	2.5"	25	10	580×280×330	50
WQDAS42-11-3CB	3	4	3"	42	11	340×300×820	76
WQDAS50-10CB	4	5	3"	50	10	340×300×820	83
WQDAS65-12-5.5CB	5.5	7.5	4"	65	12	400×360×940	116
WQDAS85-13-7.5CB	7.5	10	4"	85	13	400×360×940	125

Application

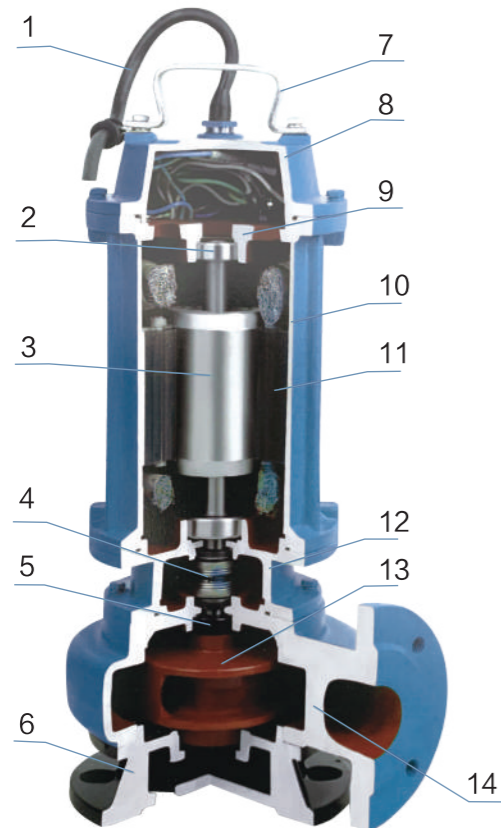
- Wastewater drainage in factories, construction sites and commercial facilities
- Drainage system in municipal sewage treatment plants
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- Methane pools and field irrigation in countryside

Pump

- Max. immersion depth:5m
- Max. liquid temperature:+40 C
- Liquid PH value:5-9
- Max. liquid density:1.2×10³kg/m³

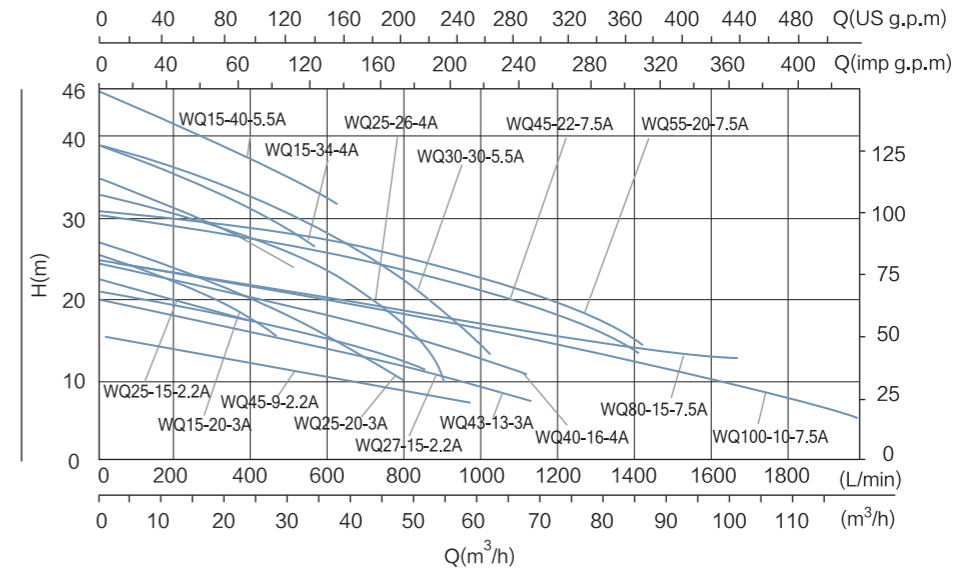
Motor

- Copper winding
- Insulation class: F
- Protection class: IP68



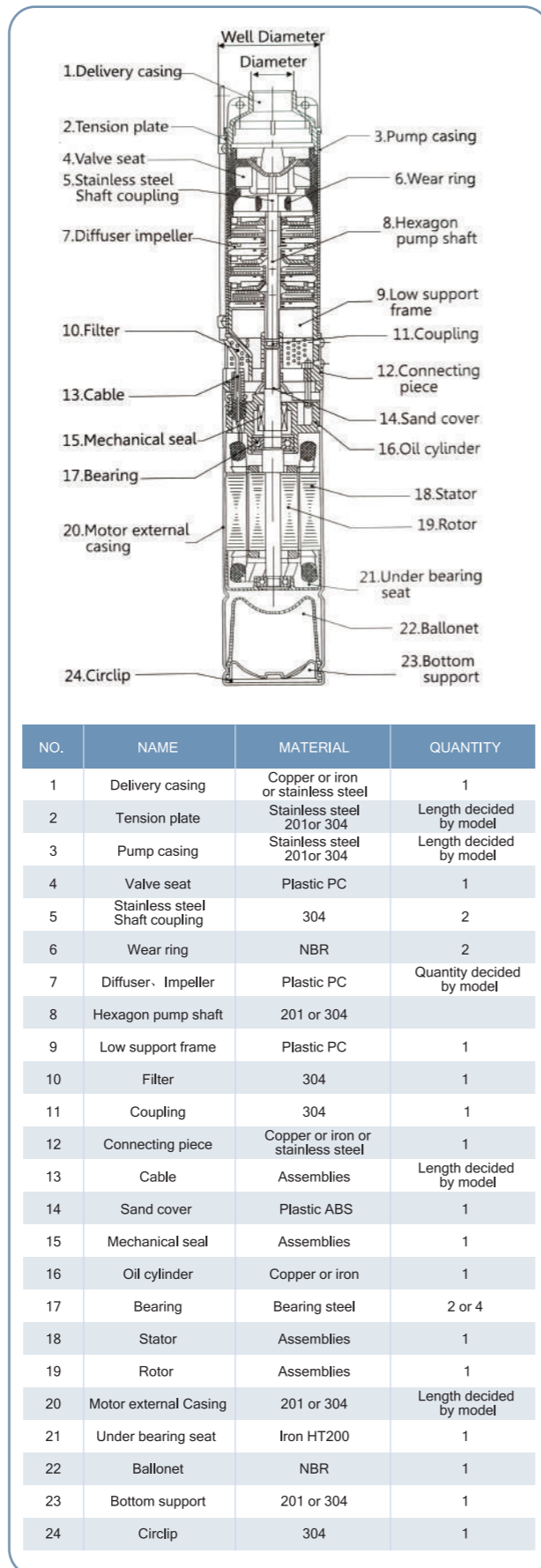
NO.	Component
1	Cable
2	Deep groove ball bearing
3	Rotor
4	Mechanical seal
5	Framework oil seal
6	Bottom case
7	Lifting bolt
8	Top cover
9	Upper bearing block
10	Motor bracket
11	Stator winding
12	Oil chamber
13	Impeller
14	Pump body

Hydraulic Performance Curves



Technical Data

Model	Power		Pipe inch	Max Flow m ³ /h	Max Head m	Dim mm	G.W kg
	Kw	Hp					
WQ9-22-2.2	2.2	3	2"	9	22	650×240×280	47
WQ15-20-2.2	2.2	3	2"	15	20	650×240×280	47
WQ25-15-2.2	2.2	0.5	2.5"	25	15	670×240×280	48.5
WQ45-9-2.2	2.2	0.5	3"	45	9	670×250×300	48
WQ27-15-2.2	2.2	0.5	3"	27	15	670×240×280	48.5
WQ15-30-3	3	4	2"	15	30	650×240×270	51
WQ25-20-3	3	4	2.5"	25	20	650×240×270	47
WQ43-13-3	3	4	3"	43	13	670×250×300	56
WQ50-10-3	3	4	3"	50	10	670×250×300	51
WQ15-34-4	4	5.5	2"	15	34	720×270×310	73.5
WQ25-26-4	4	5.5	2.5"	25	26	720×270×310	73
WQ40-16-4	4	5.5	3"	40	16	720×270×310	73
WQ60-10-4	4	5.5	4"	60	10	740×270×310	75
WQ15-40-5.5	5.5	7.5	2"	15	40	720×270×310	77
WQ30-30-5.5	5.5	7.5	2.5"	30	30	720×270×310	77
WQ40-23-5.5	5.5	10	3"	40	23	720×270×310	73
WQ55-18-5.5	5.5	7.5	4"	55	18	740×270×310	77
WQ65-15-5.5	5.5	7.5	4"	65	15	740×270×310	77
WQ45-22-7.5	7.5	10	4"	45	22	780×350×380	105
WQ65-20-7.5	7.5	10	4"	65	20	780×350×380	105
WQ80-15-7.5	7.5	10	4"	80	15	800×370×390	112
WQ100-10-7.5	7.5	10	6"	100	10	800×370×390	113
WQ20-40-7.5	7.5	10	2"	20	40	780×310×380	105
WQ30-36-7.5	7.5	10	2.5"	30	36	780×310×380	105
WQ40-30-7.5	7.5	10	3"	40	30	780×350×380	105
WQ80-20-7.5	7.5	10	4"	80	20	800×370×390	112
WQ10015-7.5	7.5	10	6"	100	15	800×370×390	113



Application

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

Operating conditions

- Maximum fluid temperature up to +35°C.

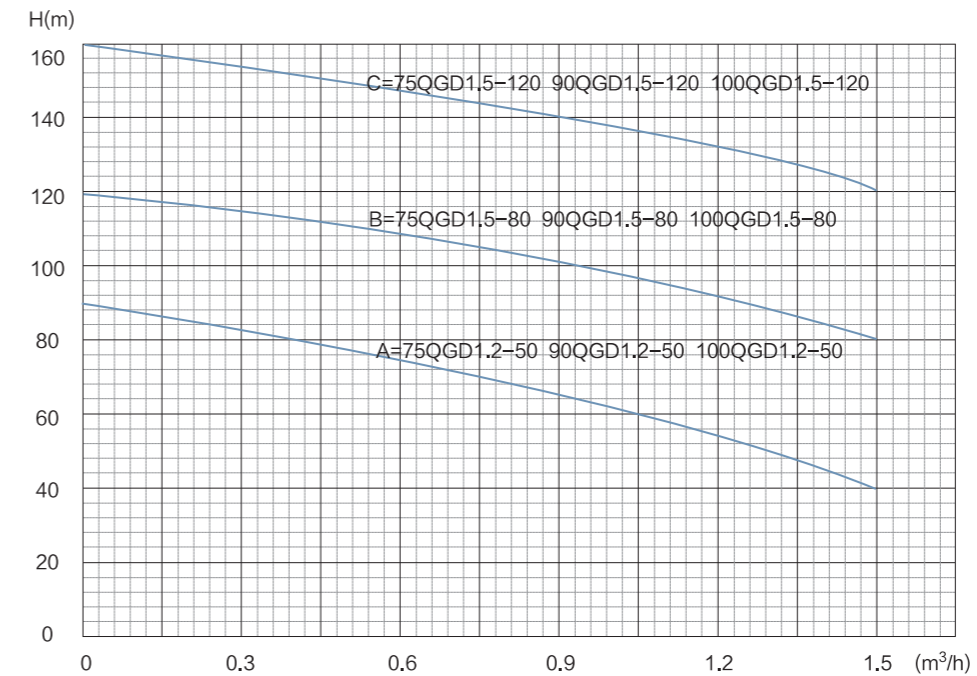
Motor and pump

- Rewindable motor
- Single-phase : 220V- 240V /50Hz
- Three-phase : 380V - 415V /50Hz
- Equip with start control box or digital auto-control box
- Pumps are designed by casing stressed
- Curve tolerance according to ISO 9906

Options on request

- Special mechanical seal
- Other voltages or frequency 60 Hz
- Single phase motor with built-in capacitor

Hydraulic Performance Curves



Component Material

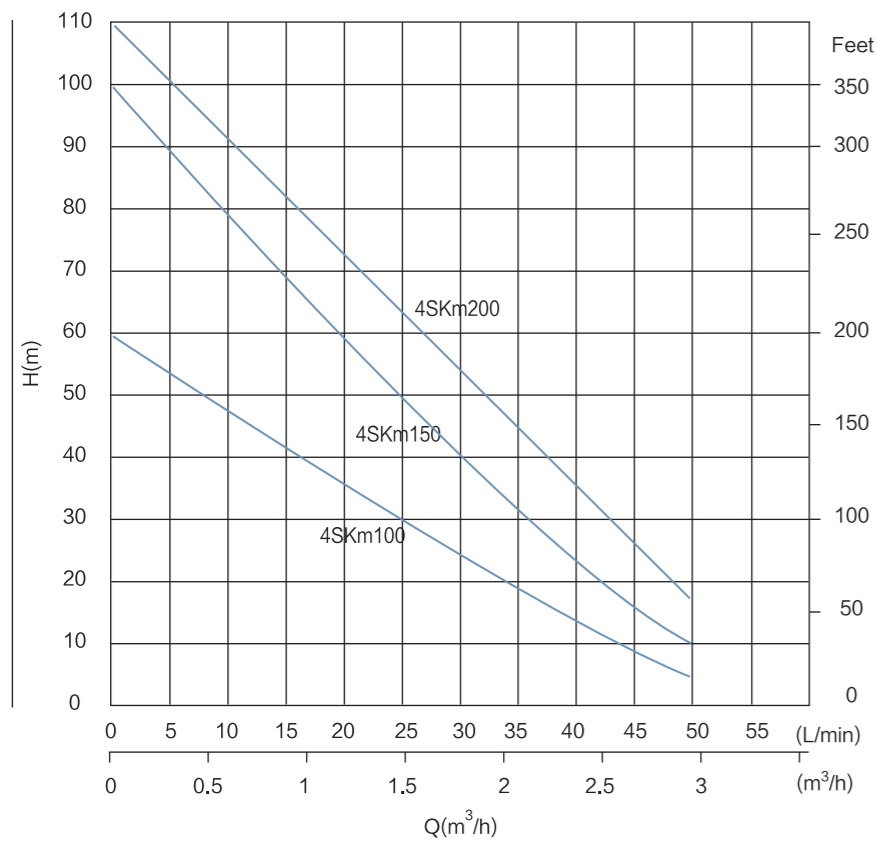
Component	Material
Delivery case	AISI 304 SS
Pump body	AISI 304 SS
Motor bracket	AISI 304 SS
Impeller	Screw rubber
Shaft	AISI 304 SS
Bearing	Normal, C&U, NSK



Technical Data

Model	Power		Q m³/h l/min	DELIVERY n=2850r/min						Pump casing external diameter Φ(mm)
	Kw	Hp		0	0.5	0.8	1	1.2	1.5	
72QGD1.2-50	0.37	0.5	H(m)	90	80	70	60	50	40	72
72QGD1.5-80	0.55	0.75		120	110	105	100	90	80	72
72QGD1.5-120	0.75	1		160	145	135	130	125	120	72
87QGD1.2-50	0.37	0.5		90	80	70	60	50	40	87
87QGD1.5-80	0.55	0.75		120	110	105	100	90	80	87
87QGD1.5-120	0.75	1		160	145	135	130	125	120	87
96QGD1.2-50	0.37	0.5		90	80	70	60	50	40	96
96QGD1.5-80	0.55	0.75		120	110	105	100	90	80	96
96QGD1.5-120	0.75	1		160	145	135	130	125	120	96

Hydraulic Performance Curves

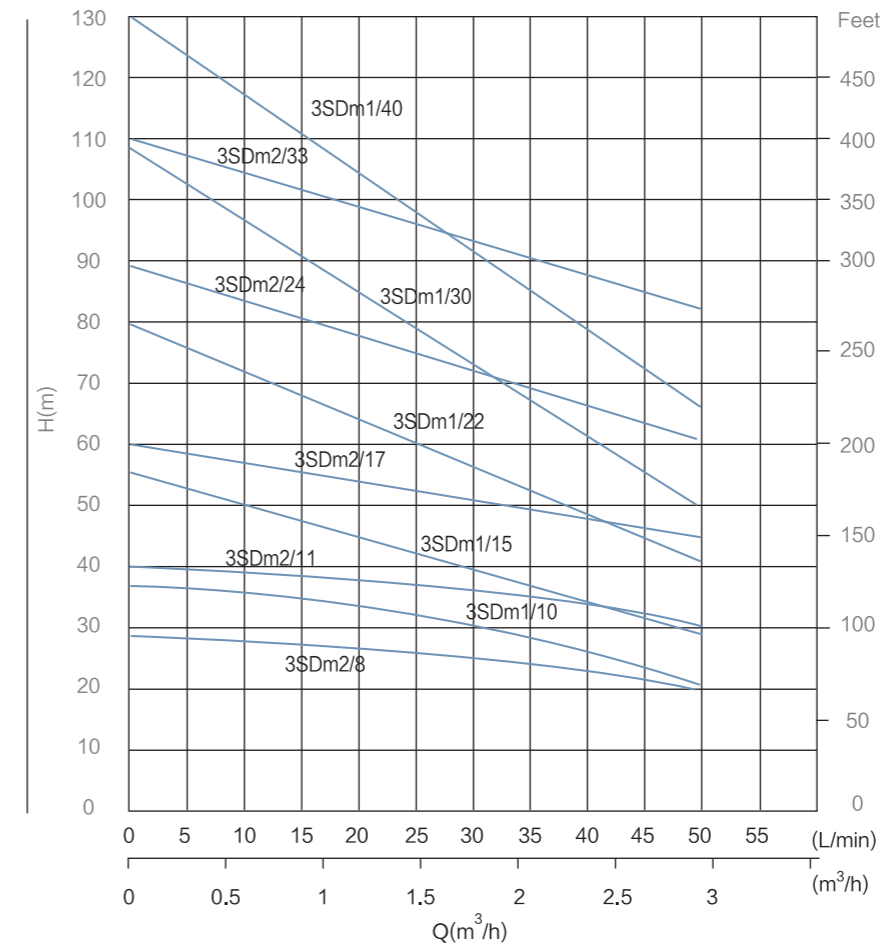


Component	Material
Delivery case	Brass/cast iron
Motor bracket	AISI 304 SS
Pump support	Brass
Impeller	Brass
Bearing	Normal,C&U,NSK

Technical Data

Model	Power	n	Q(m³/h)	H(m)												Pump casing external diameter Φ(mm)
				0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7			
4SKm100	0.75	1	60	55	50	45	40	35	30	25	20	15	6	96		
4SKm150	1.1	1.5	100	90	80	70	55	45	35	25	20	10	96			
4SKm200	1.5	2	110	99	90	78	68	56	45	34	25	15	96			

Hydraulic Performance Curves

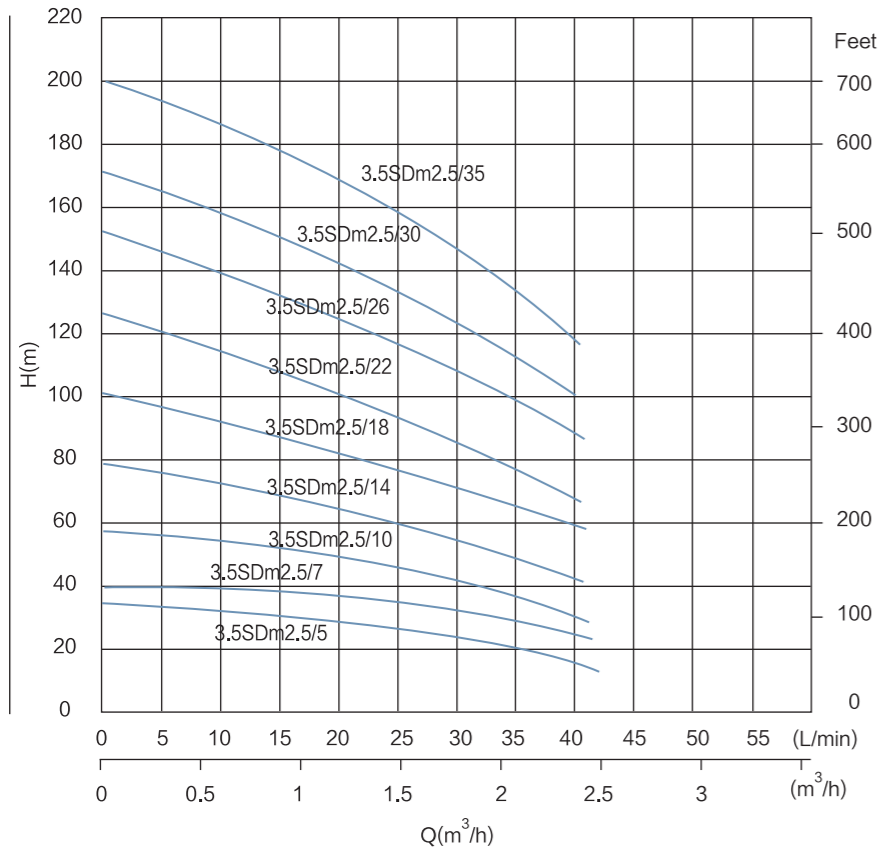


Component	Material
Delivery case	Brass
Pump body	AISI 304 SS
Motor bracket	AISI 304 SS
Pump support	Brass
Impeller	Brass
Diffuser	Plastic POM
Shaft	AISI 304 or 316 SS
Bearing	Normal,C&U,NSK

Technical Data

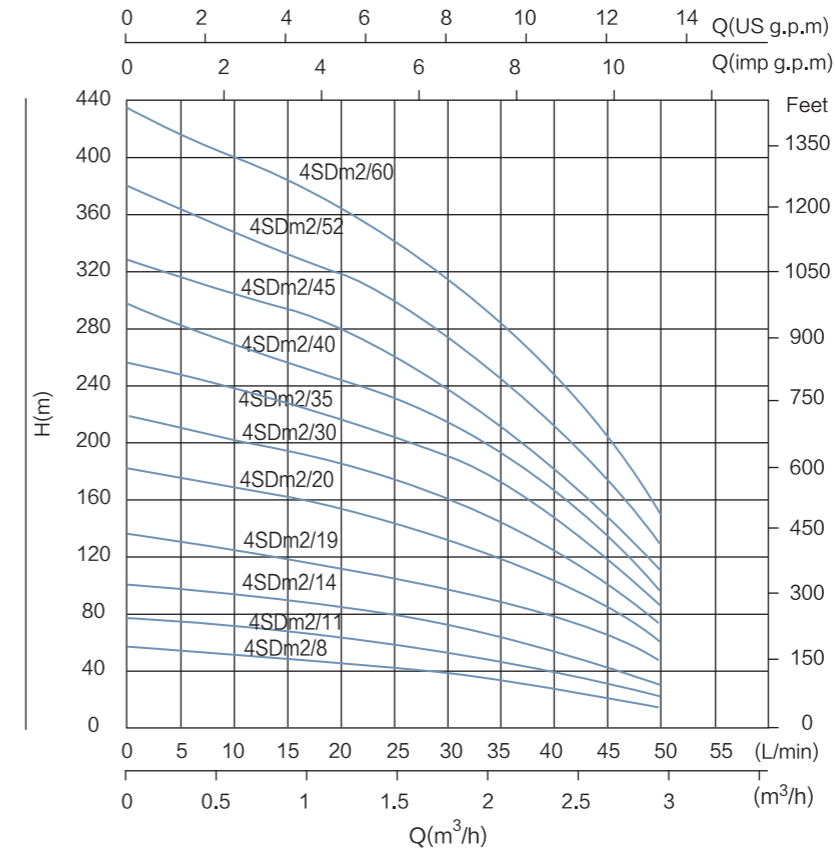
Model	Power		n	Q(m³/h)	H(m)												Pump casing external diameter Φ(mm)
	Kw	Hp			0	0.3	0.6	0.9	1.2	1.5	1.8	2.1					
3SDm1/10	0.25	0.34	2850	H(m)	0	5	10	15	20	30	40	50	72				
3SDm1/15	0.37	0.5			55	54	52	50	45	40	35	28	72				
3SDm1/22	0.55	0.75			79	76	75	72	68	65	51	40	72				
3SDm1/30	0.75	1			108	103	99	94	92	76	65	50	72				
3SDm1/40	1.1	1.5			130	125	120	115	105	95	82	65	72				
3SDm2/8	0.25	0.34			28	27	26	25	24	23	22	20	72				
3SDm2/11	0.37	0.5			39	38	36	35	34	33	32	29	72				
3SDm2/17	0.55	0.75			60	58	56	55	54	51	46	43	72				
3SDm2/24	0.75	1			90	87	85	82	78	75	72	60	72				
3SDm2/33	1.1	1.5			110	108	105	102	99	95	90	83	72				

Hydraulic Performance Curves



Component	Material
Delivery case	Brass
Pump body	AISI 304 SS
Motor bracket	AISI 304 SS
Pump support	Brass
Impeller	Brass
Diffuser	Plastic POM
Shaft	AISI 304 or 316 SS
Bearing	Normal,C&U,NSK

Hydraulic Performance Curves



Component	Material
Delivery case	Brass
Pump body	AISI 304 SS
Motor bracket	AISI 304 SS
Pump support	Brass
Impeller	Brass
Diffuser	Plastic POM
Shaft	AISI 304 or 316 SS
Bearing	Normal,C&U,NSK

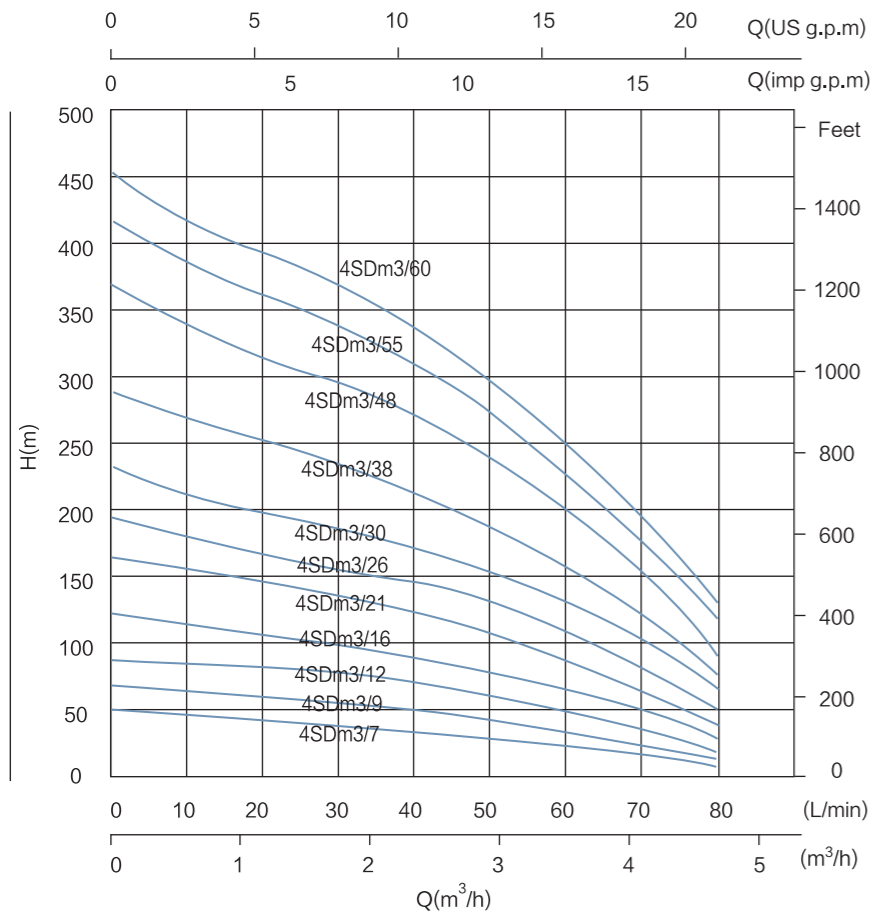
Technical Data

Model	Power		n	Q(m³/h)	Q(m³/h)									Pump casing external diameter Φ(mm)
	Kw	Hp			0	0.9	1.2	1.5	1.8	2.1	2.4	2.7		
220V/50HZ					0	15	20	25	30	35	40	45		
3.5SDm2.5/5	0.18	0.25	2850	H(m)	28	27	26	25	23	21	19	17	96	
3.5SDm2.5/7	0.25	0.34			40	38	36	35	33	30	27	23	96	
3.5SDm2.5/10	0.37	0.5			57	54	52	50	47	43	38	33	96	
3.5SDm2.5/14	0.55	0.75			80	75	73	70	65	60	51	46	96	
3.5SDm2.5/18	0.75	1			102	97	94	89	84	77	69	60	96	
3.5SDm2.5/22	1.1	1.5			125	118	114	109	102	94	84	73	96	
3.5SDm2.5/26	1.1	1.5			148	140	135	129	121	111	100	86	96	
3.5SDm2.5/30	1.5	2			171	161	156	149	140	129	115	99	96	
3.5SDm2.5/35	1.5	2			199	188	182	174	163	150	134	116	96	

Technical Data

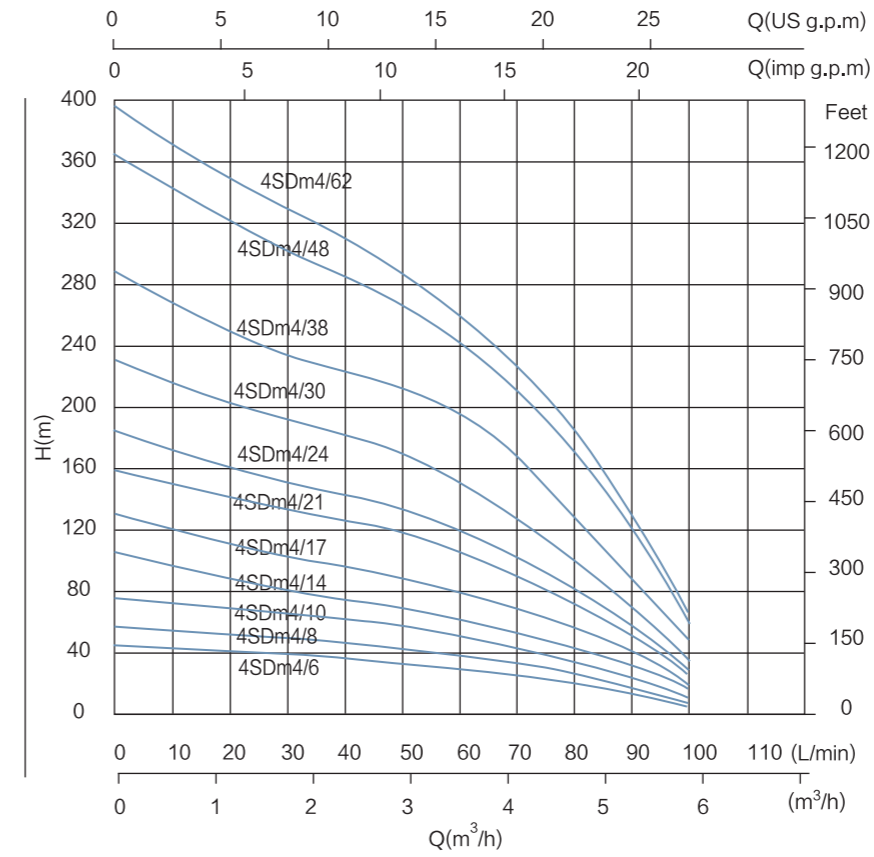
Model	Power		Q(m³/h)	DELIVERY n=2850 r/min											Pump casing external diameter Φ(mm)	
	Kw	Hp		0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3		
220V/50HZ				0	5	10	15	20	25	30	35	40	45	50		
380V/50HZ				0	5	10	15	20	25	30	35	40	45	50		
4SDm2/8	0.37	0.5	H(m)	58	58	54	52	49	47	43	38	32	26	19	96	
4SDm2/11	0.55	0.75		80	76	74	71	68	64	59	52	45	36	27	96	
4SDm2/14	0.75	1		101	97	94	91	86	82	75	66	57	46	34	96	
4SDm2/19	1.1	1.5		137	132	127	123	117	111	102	90	77	62	46	96	
4SDm2/25	1.5	2		181	174	168	162	154	146	134	119	101	82	60	96	
4SDm2/30	2.2	3		217	209	201	194	185	175	161	143	122	98	72	96	
4SDm2/35	2.2	3		253	243	235	226	216	204	187	166	142	114	85	96	
					289	278	268	259	247	233	214	190	162	131	97	96
					326	313	302	291	278	263	241	214	182	147	109	96
					376	361	348	336	321	303	278	247	211	170	126	96
				434	417	402	388	370	350	321	285	243	196	145	96	

Hydraulic Performance Curves



Component	Material
Delivery case	Brass
Pump body	AISI 304 SS
Motor bracket	AISI 304 SS
Pump support	Brass
Impeller	Brass
Diffuser	Plastic POM
Shaft	AISI 304 or 316 SS
Bearing	Normal,C&U,NSK

Hydraulic Performance Curves



Component	Material
Delivery case	Brass
Pump body	AISI 304 SS
Motor bracket	AISI 304 SS
Pump support	Brass
Impeller	Brass
Diffuser	Plastic POM
Shaft	AISI 304 or 316 SS
Bearing	Normal,C&U,NSK

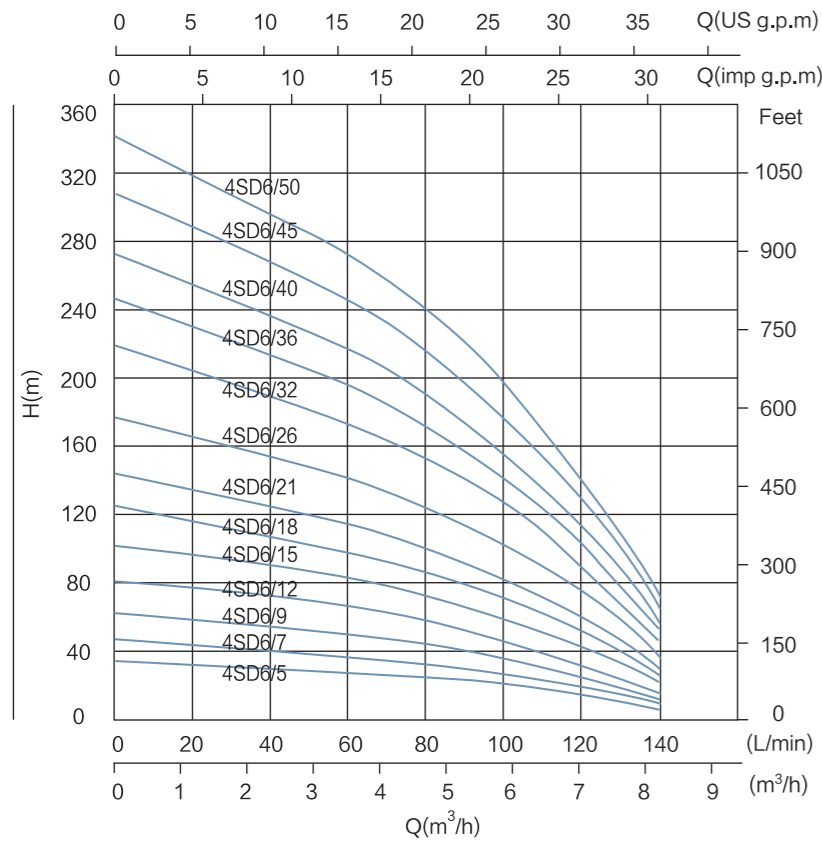
Technical Data

Model		Power		Q(m³/h)	DELIVERY n=2850 r/min										Pump casing external diameter Φ(mm)
1~ 220V/50HZ	3~ 380V/415V	Kw	Hp		0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8		
4SDm3/7	4SDm3/7	0.37	0.5	H(m)	53	49	46	43	40	35	29	22	14	96	
4SDm3/9	4SDm3/9	0.55	0.75		68	63	59	55	51	45	37	28	18	96	
4SDm3/12	4SDm3/12	0.75	1		91	84	79	74	68	60	50	37	24	96	
4SDm3/16	4SDm3/16	1.1	1.5		121	112	105	98	91	80	66	50	32	96	
4SDm3/21	4SDm3/21	1.5	2		159	147	138	129	119	105	87	65	42	96	
4SDm3/26	4SDm3/26	2.2	3		197	182	171	160	147	130	108	81	52	96	
4SDm3/30	4SDm3/30	2.2	3		227	210	197	184	170	149	124	93	59	96	
	4SDm3/38	3	4		288	266	250	234	215	189	158	118	75	96	
	4SDm3/48	4	5.5		363	336	315	295	272	239	199	149	95	96	
	4SDm3/55	5.5	7.5		426	385	361	338	312	274	228	171	109	96	
	4SDm3/60	5.5	7.5		454	420	394	369	340	299	249	186	119	96	

Technical Data

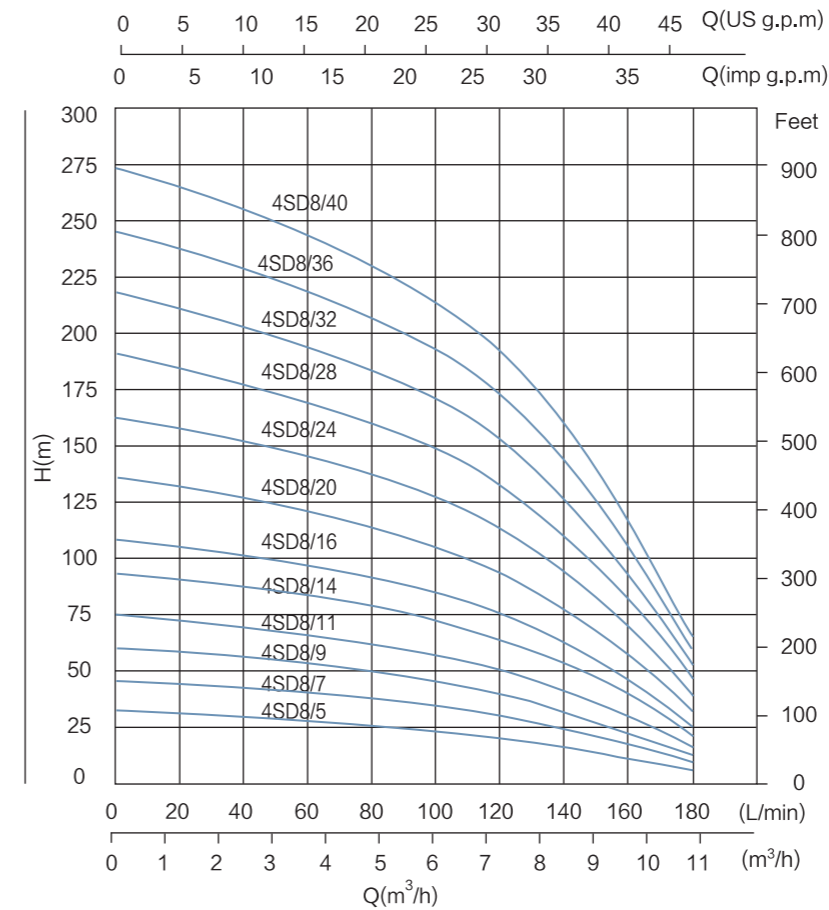
Model		Power		Q(m³/h)	DELIVERY n=2850 r/min										Pump casing external diameter Φ(mm)	
1~ 220V/50HZ	3~ 380V/50HZ	Kw	Hp		0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4		6
4SDm4/6	4SDm4/6	0.37	0.5	H(m)	46	43	40	38	36	33	30	26	21	15	7	96
4SDm4/8	4SDm4/8	0.55	0.75		61	57	53	51	48	45	40	35	28	19	10	96
4SDm4/10	4SDm4/10	0.75	1		76	71	67	63	60	56	50	43	35	24	12	96
4SDm4/14	4SDm4/14	1.1	1.5		107	100	93	89	84	78	71	61	49	34	17	96
4SDm4/17	4SDm4/17	1.5	2		129	121	113	108	102	95	88	74	59	41	21	96
4SDm4/21	4SDm4/21	2.2	3		160	149	140	133	126	117	106	91	73	51	26	96
4SDm4/24	4SDm4/24	2.2	3		183	171	160	152	144	134	121	104	84	58	30	96
	4SDm4/30	3	4		228	213	200	190	179	167	151	130	104	73	37	96
	4SDm4/38	4	5.5		289	270	254	240	227	212	191	165	132	92	47	96
	4SDm4/48	5.5	7.5		266	342	320	304	287	268	242	209	167	116	59	96
	4SDm4/52	5.5	7.5		396	370	347	329	311	290	262	228	181	126	64	96

Hydraulic Performance Curves



Component	Material
Delivery case	Brass
Pump body	AISI 304 SS
Motor bracket	AISI 304 SS
Pump support	Brass
Impeller	Brass
Diffuser	Plastic POM
Shaft	AISI 304 or 316 SS
Bearing	Normal,C&U,NSK

Hydraulic Performance Curves



Component	Material
Delivery case	Brass
Pump body	AISI 304 SS
Motor bracket	AISI 304 SS
Pump support	Brass
Impeller	Brass
Diffuser	Plastic POM
Shaft	AISI 304 or 316 SS
Bearing	Normal,C&U,NSK

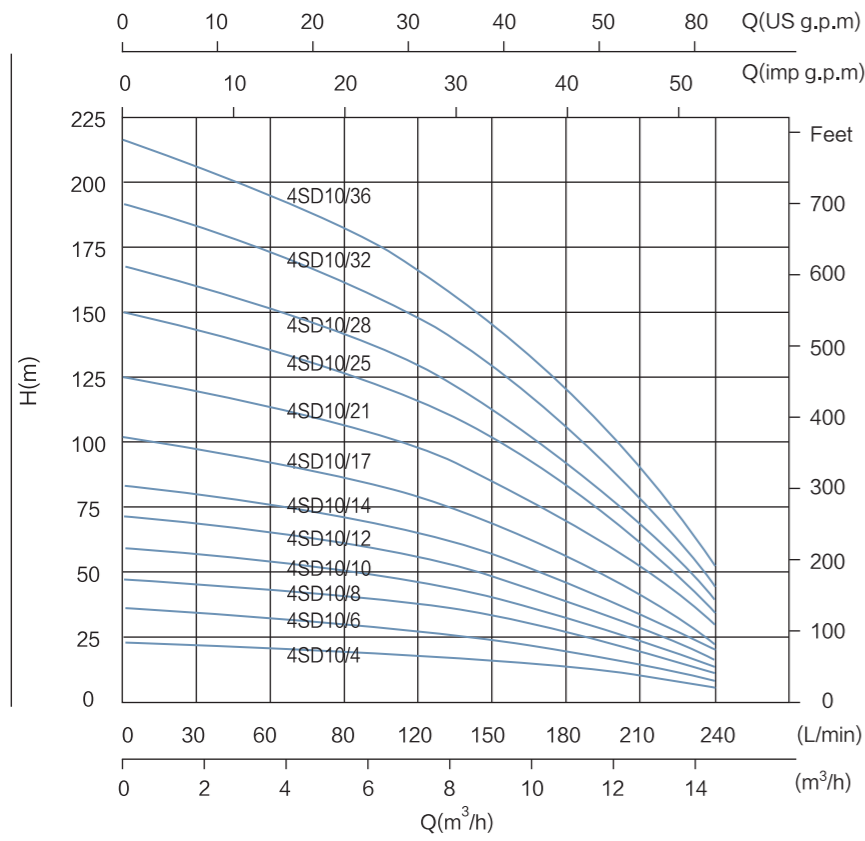
Technical Data

Model		Power		Q(m³/h)	DELIVERY n≈2850 r/min								Pump casing external diameter Φ(mm)
1~ 220V/50HZ	3~ 380V/415V	Kw	Hp		0	1.2	2.4	3.6	4.8	6	7.2	8.4	
4SDm6/5	4SDm6/5	0.37	0.5	H(m)	34	32	29	27	24	20	14	7	96
4SDm6/7	4SDm6/7	0.55	0.75		48	44	41	38	33	27	19	10	96
4SDm6/9	4SDm6/9	0.75	1		61	57	53	49	43	35	25	12	96
4SDm6/12	4SDm6/12	1.1	1.5		82	76	71	65	57	47	33	17	96
4SDm6/15	4SDm6/15	1.5	2		102	95	88	81	72	59	42	21	96
4SDm6/18	4SDm6/18	2.2	3		122	114	106	98	86	71	50	25	96
4SDm6/21	4SDm6/21	2.2	3		143	133	124	114	100	82	58	29	96
	4SDm6/26	3	4		177	165	153	141	124	102	72	36	96
	4SDm6/32	4	5.5		218	203	189	173	153	125	89	44	96
	4SDm6/36	5.5	7.5		245	228	212	195	172	141	100	50	96
	4SDm6/40	5.5	7.5		272	254	236	217	191	157	111	55	96
	4SDm6/45	7.5	10		306	285	266	244	215	176	125	62	96
	4SDm6/50	7.5	10	340	317	295	271	239	196	139	69	96	

Technical Data

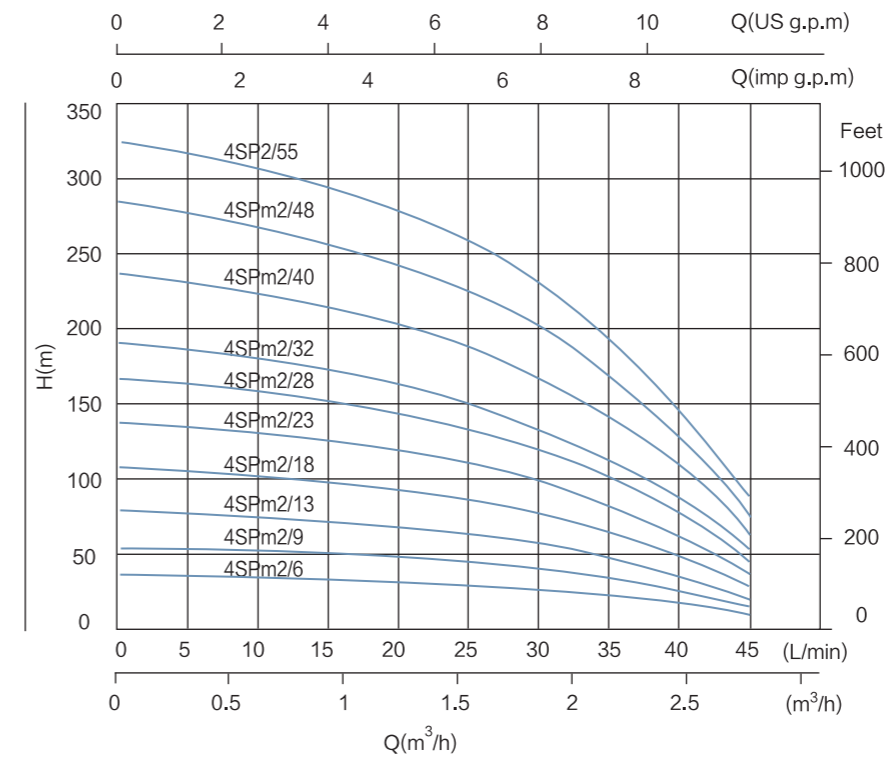
Model		Power		Q(m³/h)	DELIVERY n≈2850 r/min										Pump casing external diameter Φ(mm)
1~ 220V/50HZ	3~ 380V/415V	Kw	Hp		0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	
4SDm8/5	4SDm8/5	0.55	0.75	H(m)	34	33	32	30	29	26	23	19	14	7	96
4SDm8/7	4SDm8/7	0.75	1		48	46	44	42	40	37	33	27	19	10	96
4SDm8/9	4SDm8/9	1.1	1.5		61	59	57	54	51	48	42	35	25	13	96
4SDm8/11	4SDm8/11	1.5	2		75	72	70	67	63	58	52	42	30	17	96
4SDm8/14	4SDm8/14	2.2	3		96	92	89	85	80	74	66	54	38	21	96
4SDm8/16	4SDm8/16	2.2	3		109	105	101	97	91	85	75	62	44	24	96
	4SDm8/20	3	4		137	132	127	121	114	106	94	77	55	30	96
	4SDm8/24	4	5.5		164	155	152	145	137	127	113	92	66	36	96
	4SDm8/28	5.5	7.5		191	184	177	169	160	148	132	108	77	42	96
	4SDm8/32	5.5	7.5		218	210	202	194	183	170	150	123	88	48	96
	4SDm8/36	7.5	10		246	237	228	218	205	191	169	139	9	54	96
	4SDm8/40	7.5	10		273	263	253	242	228	212	188	154	110	60	96

Hydraulic Performance Curves



Component	Material
Delivery case	Brass
Pump body	AISI 304 SS
Motor bracket	AISI 304 SS
Pump support	Brass
Impeller	Brass
Diffuser	Plastic POM
Shaft	AISI 304 or 316 SS
Bearing	Normal,C&U,NSK

Hydraulic Performance Curves



Component	Material
Delivery case	AISI 304 SS
Pump body	AISI 304 SS
Motor bracket	AISI 304 SS
Pump support	AISI 304 SS
Impeller	AISI 304 SS
Diffuser	AISI 304 SS
Shaft	AISI 304 or 316 SS
Bearing	Normal,C&U,NSK

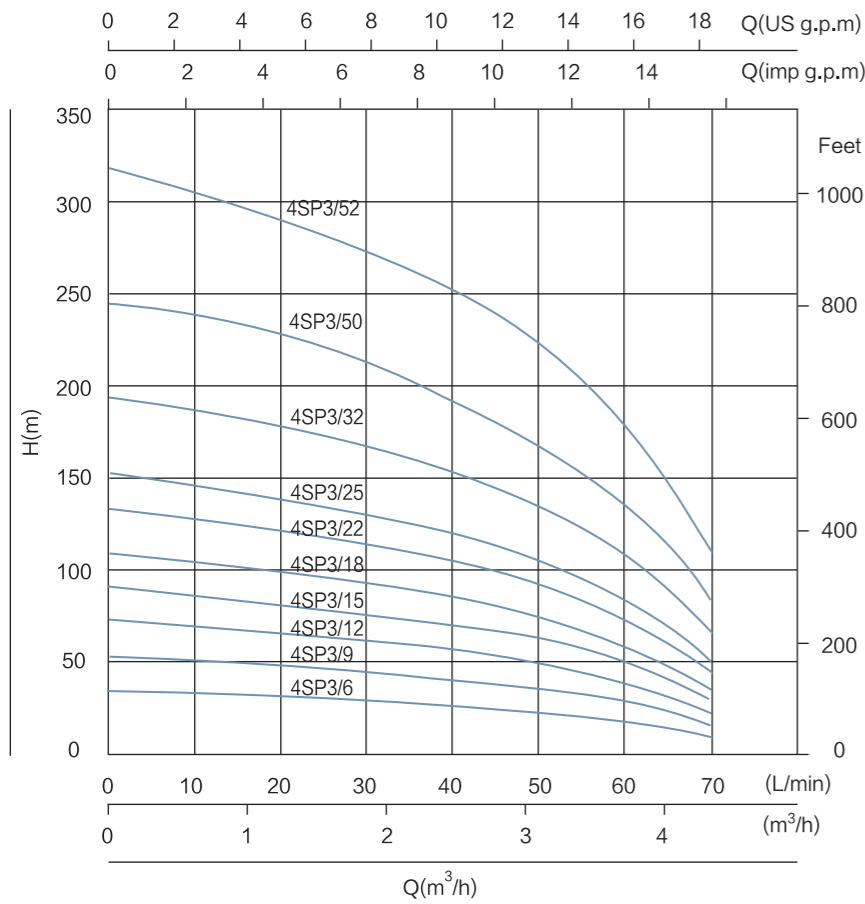
Technical Data

Model	Power	Q(m³/h)	DELIVERY n≈2850 r/min											Pump casing external diameter Φ(mm)
			0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4			
1~ 220V/50HZ	3~ 380V/415V	Kw	Hp	l/min	0	30	60	90	120	150	180	210	240	
4SDm10/4	4SDm10/4	0.55	0.75	H(m)	24	23	22	20	19	16	13	10	6	96
4SDm10/6	4SDm10/6	0.75	1		36	34	32	30	28	24	20	15	8	96
4SDm10/8	4SDm10/8	1.1	1.5		48	46	43	41	37	33	27	20	11	96
4SDm10/10	4SDm10/10	1.5	2		60	57	54	51	47	41	34	25	14	96
4SDm10/12	4SDm10/12	2.2	3		72	69	65	61	56	49	40	30	17	96
4SDm10/14	4SDm10/14	2.2	3		84	80	6	71	65	57	47	35	20	96
	4SDm10/17	3	4		102	97	92	86	79	69	57	42	24	96
	4SDm10/21	4	5.5		126	120	114	107	98	8	71	52	30	96
	4SDm10/25	5.5	7.5		150	143	135	127	117	102	84	62	35	96
	4SDm10/28	5.5	7.5		168	160	152	142	131	114	94	70	40	96
	4SDm10/32	7.5	10		192	183	173	163	149	131	108	80	45	96
	4SDm10/36	7.5	10		216	206	195	183	168	147	121	90	51	96

Technical Data

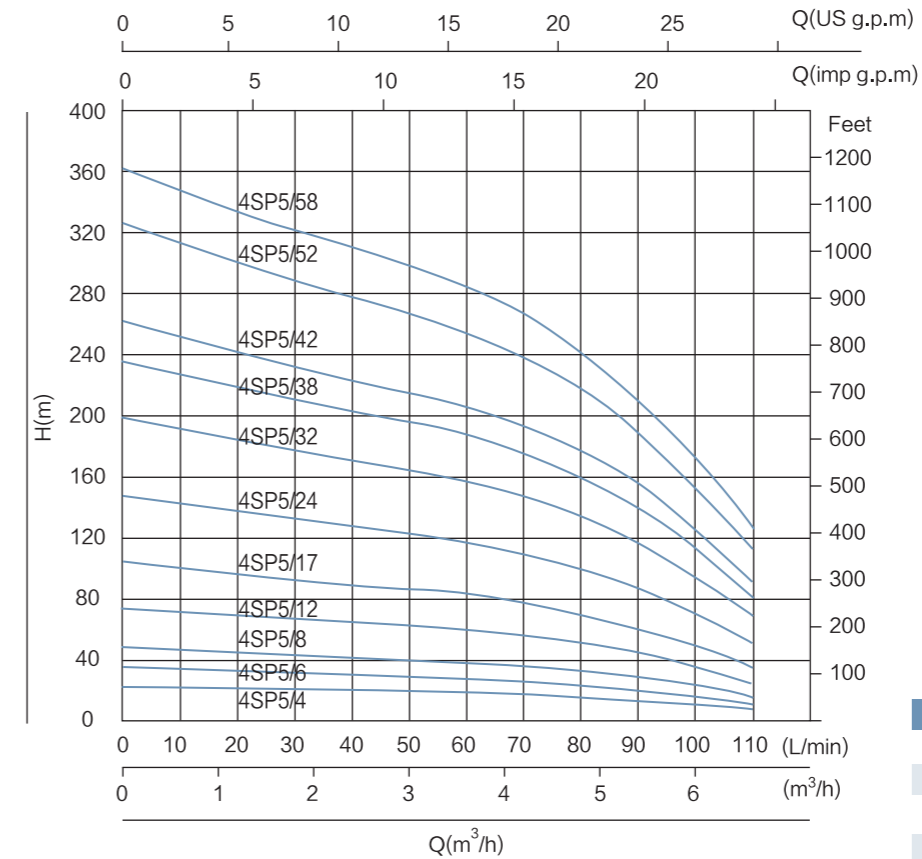
Model	Power	Q(m³/h)	DELIVERY n≈2850 r/min											Pump casing external diameter Φ(mm)	
			0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7			
1~ 220V/50HZ	3~ 380V/415V	Kw	Hp	l/min	0	5	10	15	20	25	30	35	40	45	
4SPm2/6	4SPm2/6	0.37	0.5	H(m)	36	35	33	32	31	28	25	21	16	9	96
4SPm2/9	4SPm2/9	0.37	0.5		53	52	50	48	46	43	38	32	24	14	96
4SPm2/13	4SPm2/13	0.55	0.75		77	75	73	70	66	61	55	46	35	20	96
4SPm2/18	4SPm2/18	0.75	1		107	104	100	97	92	85	78	63	48	28	96
4SPm2/23	4SPm2/23	1.1	1.5		136	133	128	123	117	109	97	81	61	36	96
4SPm2/28	4SPm2/28	1.5	2		166	161	158	150	143	132	118	99	74	43	96
4SPm2/32	4SPm2/32	1.5	2		190	184	179	172	163	151	135	113	85	49	96
4SPm2/40	4SPm2/40	2.2	3		237	231	223	215	204	189	169	141	108	62	96
4SPm2/48	4SPm2/48	2.2	3		285	277	268	257	244	227	202	169	127	74	96
	4SPm2/55	3	4		326	317	307	295	280	260	232	194	146	85	96

Hydraulic Performance Curves



Component	Material
Delivery case	AISI 304 SS
Pump body	AISI 304 SS
Motor bracket	AISI 304 SS
Pump support	AISI 304 SS
Impeller	AISI 304 SS
Diffuser	AISI 304 SS
Shaft	AISI 304 or 316 SS
Bearing	Normal,C&U,NSK

Hydraulic Performance Curves



Component	Material
Delivery case	AISI 304 SS
Pump body	AISI 304 SS
Motor bracket	AISI 304 SS
Pump support	AISI 304 SS
Impeller	AISI 304 SS
Diffuser	AISI 304 SS
Shaft	AISI 304 or 316 SS
Bearing	Normal,C&U,NSK

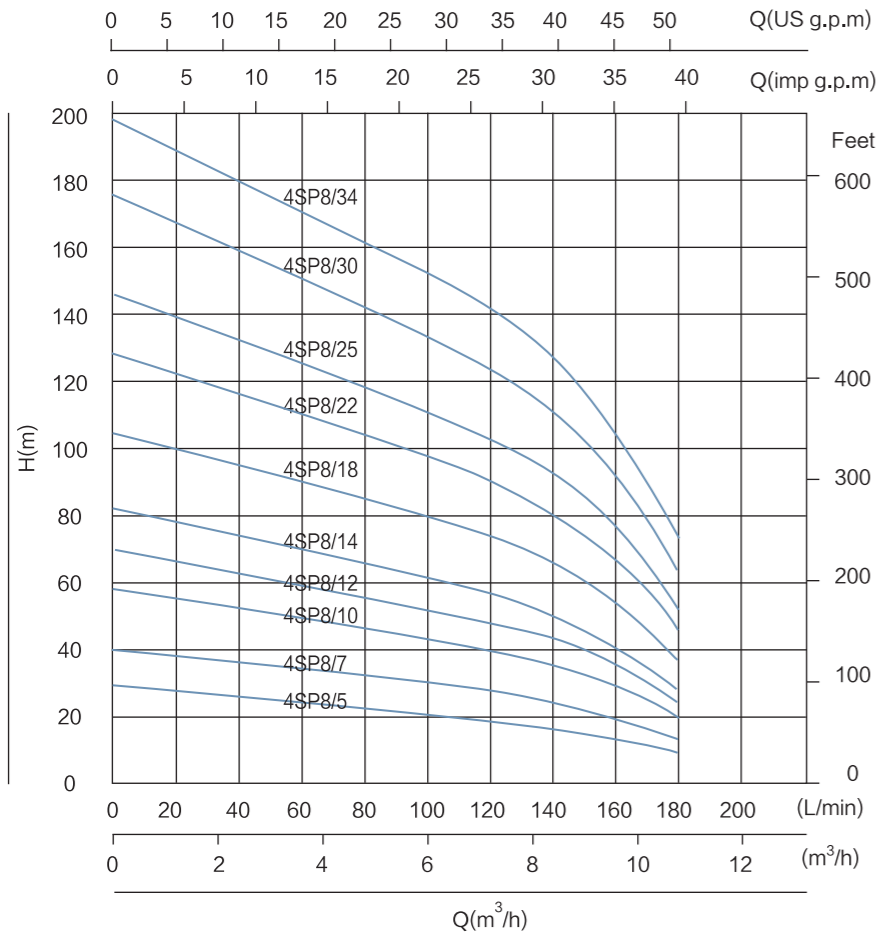
Technical Data

Model	Power	Q(m³/h)	DELIVERY n≈2850 r/min											Pump casing external diameter Φ(mm)
			0	0.6	1.2	1.8	2.4	3	3.6	4.2				
1~ 220V/50HZ	3~ 380V/415V	Kw	Hp	l/min	0	10	20	30	40	50	60	70		
4SP3/6	4SP3/6	0.37	0.55	H(m)	36	35	33	31	29	26	21	13	96	
4SP3/9	4SP3/9	0.55	0.75		55	52	50	47	44	39	31	19	96	
4SP3/12	4SP3/12	0.75	1		73	70	67	63	58	51	41	25	96	
4SP3/15	4SP3/15	1.1	1.5		91	87	83	78	73	64	52	32	96	
4SP3/18	4SP3/18	1.1	1.5		109	105	100	94	87	77	62	38	96	
4SP3/22	4SP3/22	1.5	2		134	128	122	115	107	94	76	47	96	
4SP3/25	4SP3/25	1.5	2		152	146	139	131	121	107	86	53	96	
4SP3/32	4SP3/32	2.2	3		194	186	178	167	155	137	110	68	96	
	4SP3/40	3	4		243	233	222	209	194	172	138	85	96	
	4SP3/52	4	5.5		316	303	289	272	252	223	179	110	96	

Technical Data

Model	Power	Q(m³/h)	DELIVERY n≈2850 r/min													Pump casing external diameter Φ(mm)	
			0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.8			
1~ 220V/50HZ	3~ 380V/50HZ	Kw	Hp	l/min	0	10	20	30	40	50	60	70	80	90	100	110	
4SP5/4	4SP5/4	0.37	0.55	H(m)	25	24	23	22	21	21	20	18	17	15	12	9	96
4SP5/6	4SP5/6	0.55	0.75		37	36	35	33	32	21	29	28	25	22	18	13	96
4SP5/8	4SP5/8	0.75	1		50	48	4	44	43	41	39	37	34	29	23	17	96
4SP5/12	4SP5/12	1.1	1.5		75	72	69	67	64	62	59	55	50	44	35	26	96
4SP5/17	4SP5/17	1.5	2		106	102	98	94	91	87	83	78	71	62	50	36	96
4SP5/24	4SP5/24	2.2	3		150	144	138	133	128	123	118	110	101	87	70	51	96
	4SP5/32	3	4		200	192	184	178	171	165	157	147	134	116	94	68	96
	4SP5/38	4	5.5		237	228	219	211	203	195	186	174	159	138	111	81	96
	4SP5/42	4	5.5		262	252	242	233	224	216	206	193	176	153	123	90	96
	4SP5/52	5.5	7.5		35	312	299	269	278	267	255	239	218	189	152	111	96
	4SP5/58	5.5	7.5	362	348	334	322	310	298	284	266	243	211	170	124	96	

Hydraulic Performance Curves



Component	Material
Delivery case	AISI 304 SS
Pump body	AISI 304 SS
Motor bracket	AISI 304 SS
Pump support	AISI 304 SS
Impeller	AISI 304 SS
Diffuser	AISI 304 SS
Shaft	AISI 304 or 316 SS
Bearing	Normal,C&U,NSK

Technical Data

Model	Power	Q(m³/h)	DELIVERY n≈2850 r/min											Pump casing external diameter Φ(mm)	
			0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	1.8			
1~ 220V/50HZ	3~ 380V/415V	Kw	Hp	l/min	0	20	40	60	80	100	120	140	160	180	
4SP8/5	4SP8/5	0.75	1	H(m)	29	28	27	25	24	22	21	19	15	10	96
4SP8/7	4SP8/7	1.1	1.5		41	39	37	35	33	31	29	26	21	15	96
4SP8/10	4SP8/10	1.5	2		59	56	53	50	47	4	41	37	30	21	96
4SP8/12	4SP8/12	2.2	3		70	64	64	60	57	54	50	44	36	25	96
	4SP8/14	2.2	3		82	78	75	70	66	63	58	52	42	29	96
	4SP8/18	3	4		105	101	96	91	85	80	75	67	55	38	96
	4SP8/22	4	5.5		129	123	117	111	104	98	91	82	67	46	96
	4SP8/25	4	5.5		146	140	133	126	118	112	104	93	76	52	96
	4SP8/30	5.5	7.5		176	168	160	151	142	134	14	111	91	63	96
	4SP8/34	5.5	7.5		199	190	181	171	161	152	141	126	103	71	96

Model	Dimension (cm)	Model	Dimension (cm)	Model	Dimension (cm)
VC-19L	27×27×40	HC-24L	31×28×40	VCF-60L	46×46×65
VC-24L	27×27×46	HC-36L	38×36×43	VCF-80L	46×46×76
		HC-50L	55×36×38	VCF-100L	46×46×85
VS-23L	33×33×33	HC-60L	48×46×49		
VS-24L	36×36×34	HC-80L	48×46×60		
		HC-100L	48×46×68		

PS-02A	PS-02B	PS-02C
1.4-2.8 bar	1.4-2.8 bar	1.4-2.8 bar
2.1-3.5bar	2.1-3.5bar	female/male
2.8-4.3bar	2.8-4.3bar	
female/male	3.5-5.6bar	
	4.9-7.2bar	
	female/male	

SIZE	Model	PG-P	PG-SS	PG-S
40mm		PG-40	PG-SS 40	PG-S 40
50mm		PG-50	PG-SS 50	PG-S 50

THREE TYPES OF SHELL: (1) PG-P:plastic (2) PG-SS:stainless steel (3) PG-S:steel
 THE CONNECTIONS HAVE TWO TYPES: (1)G 1/4" (2)M10x1
 FOR 40MM GAUGE,THE SCALE IS 0-10 BAR OR 0-6 BAR
 TWO TYPES OF CONNECTIONS: A:BACK CONNECTION B:BOTTOM CONNECTION FOR 40MM GAUGE, THE SCALE IS 0-6 BAR

Model	VOLTAGE	CURRENT	AMBIENT TEMPERATURE
FLO-1	220V-240V	8A	0-80°C
FLO-2	220V-240V	8A	0-80°C

Model	VOLTAGE	FREQUENCY	CURRENT	CONNECTIONS	PROTECTION
PS-01	220V-240V 110V-115V	50/60Hz	10A	1"×1"	IP 65

Model	VOLTAGE	FREQUENCY	CURRENT	CONNECTIONS	PROTECTION
PS-01A	220V-240V 110V-115V	50/60Hz	10A	1"×1"	IP 65

Model	VOLTAGE	FREQUENCY	CURRENT	CONNECTIONS	PROTECTION
PS-01B	220V-240V 110V-115V	50/60Hz	12A	1"×1"	IP 65

Model	VOLTAGE	FREQUENCY	CURRENT	CONNECTIONS	PROTECTION
PS-01C	220V-240V 110V-115V	50/60Hz	12A	1"×1"	IP 65