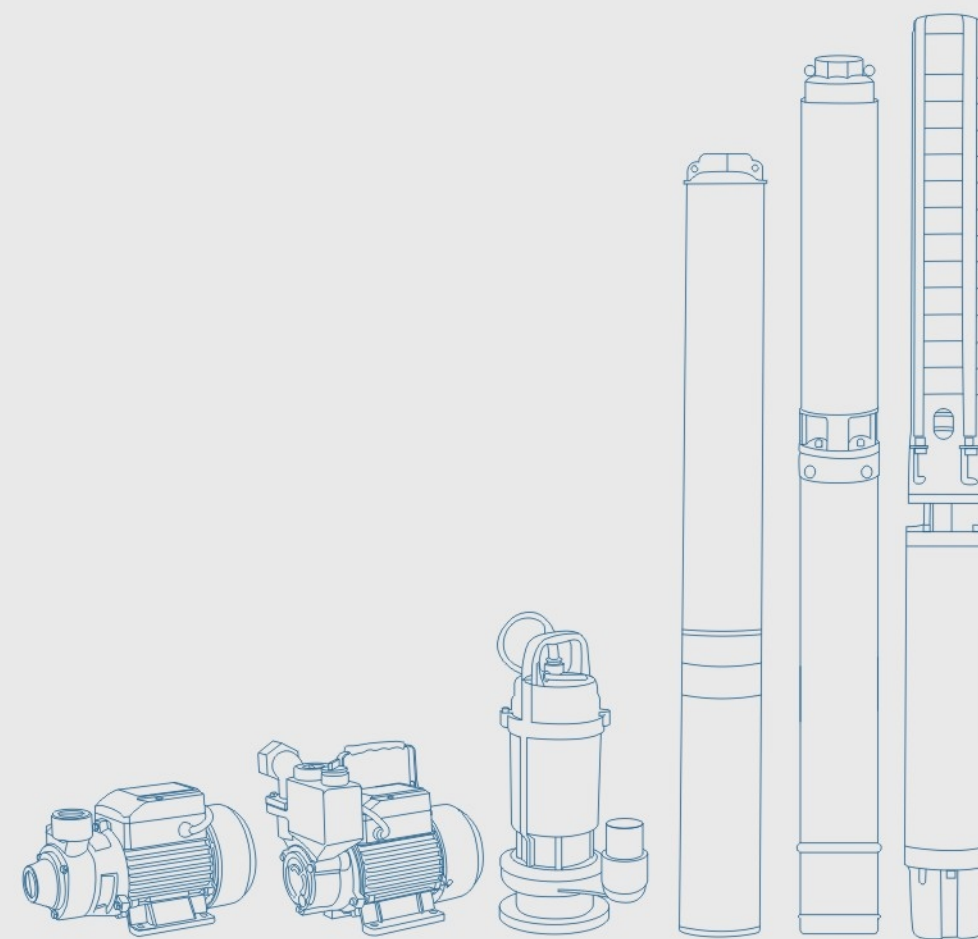




HADIYA WATER PUMPS



**ZHEJIANG HADIYA
MACHINERY CO.,LTD**

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CORPORATE CULTURE



Every product, every combination
every detail Are full of different tastes
different personalities, different cultural sensibilities
Casual revealing of the spirit,
embellished the peace of life

COMPANY PROFILE

Our aim: WIN-WIN situation, you win first, we second

www.hdypump.com



Application&feature

These pumps are for clean water without abrasive particles and the fluids which are not chemically aggressive to the pump componets.

They are used for domestic appilcance and for the automatic distribution of water from surge tanks,for watering gardens and for boosting in sufficent mains water pressure.

Working Condition

Suction lift up to 8m

Fluid temperature up to +60° C

Max ambient temperature +40° C

Max working pressure up to 6 bar

Perfromance Range

Flow up to 45L/min(2.7m³/h)

Head up to 60m



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

※Brass or stainless steel inserts are available if request,which reducing the difficulties when starting the pump after long period without use due to the impeller block

Motor Information

- Single phase two-pole induction motor
- 220V/50Hz 220V/60Hz 110V/60Hz
- Thermal protector,continuous duty.
- Insulation calss: B
- Protection:IP44

Technical Parameters:

Model	Power		Inlet	Outlet	Max Flow	Max Head	Max Suction	Dim	G.W
	KW	HP	inch	inch	m³/h	m	m	mm	kg
QB60	0.37	0.5	1"	1"	1.6	33	8	280X140X170	5.3
QB70	0.55	0.75	1"	1"	2.4	48	8	335X190X210	9
QB80	0.75	1	1"	1"	3	60	8	340X190X210	9.5

Application&feature

These pumps are for clean water without abrasive particles and the fluids which are not chemically aggressive to the pump componets.

They are used for domestic appilcance and for the automatic distribution of water from surge tanks,for watering gardens and for boosting in sufficent mains water pressure.

Working Condition

Suction lift up to 8m

Fluid temperature up to +60° C

Max ambient temperature +40° C

Max working pressure up to 5 bar



Component	Material
Pump body	Cast iron
Motor bracket	Aluminium
Impeller	Brass
Motor shaft	SS304 or #CS45
Mechanical seal	Ceramic and graphite
Bearing	Normal or C&U

※Brass or stainless steel inserts are available if request,which reducing the difficulties when starting the pump after long period without use due to the impeller block

※Check Valve build into the suction opening

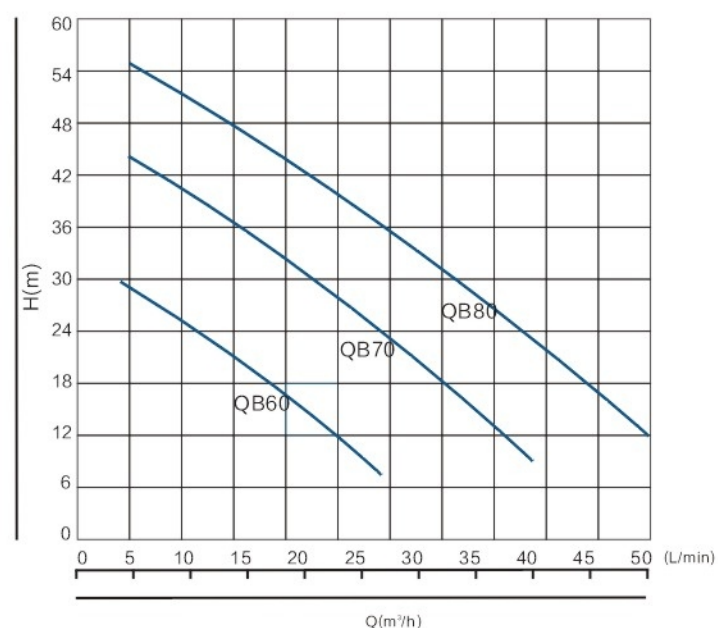
Motor Information

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- 220V/50Hz 220V/60Hz 110V/60Hz
- Thermal protector,continuous duty.
- Insulation calss: B
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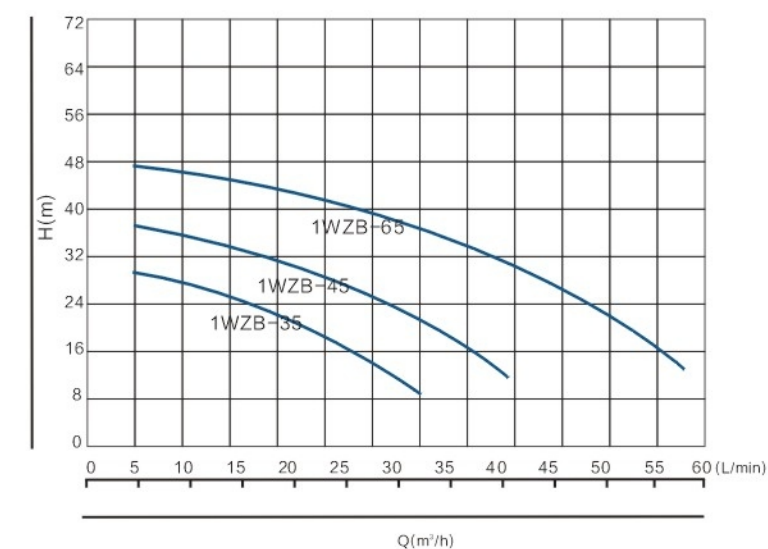
Technical Parameters:

Model	Power		Inlet	Outlet	Max Flow	Max Head	Max Suction	Dim	G.W
	KW	HP	inch	inch	m³/h	m	m	mm	kg
1WZB-35	0.37	0.5	1"	1"	2	30	8	270X180X235	8
1WZB-45	0.55	0.75	1"	1"	2.5	40	8	285X185X260	10
1WZB-65	0.75	1	1"	1"	3.5	50	8	285X185X260	12

Hydraulic Performance Curve:



Hydraulic Performance Curve:



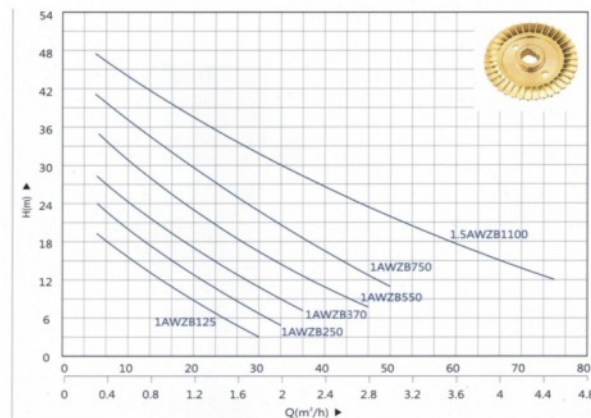
Application:

- Clear water, non-aggressive liquid only without sand or other solid impurities.
- Domestic use/irrigation.
- Bigger suction with self priming.
- Low power.
- In particular for delivering water in combination with small pressure sets and for irrigation.

Material:

- Pump body: Cast iron (HT200).
- Motor support: Aluminum.
- Impeller: Brass.
- Motor shaft: CS 45# or stainless steel.
- Mechanical seal: Ceramic / Silicon carbide.
- 100% Copper Winding.

Hydraulic Performance Curve:



Technical Parameters:

Model	Power		Inlet (Inch)	Outlet (Inch)	Max Flow (m³/h)	Max. Head (m)	Max Suction (m)	DIM.(mm)	Weight (kg)
	KW	HP							
Single- Phase									
1AWZB125	0.125	0.17	1	1	1.8	24	8	280x225x305	8.5
1AWZB250	0.25	0.34	1	1	2.0	28	8	280x225x305	9.5
1AWZB370	0.37	0.5	1	1	2.2	32	8	280x225x305	10
1AWZB550	0.55	0.75	1	1	2.8	38	8	310x235x330	13.5
1AWZB750	0.75	1	1	1	3.0	44	8	345x250x335	14.5
1.5AWZB1100	1.1	1.5	1.5	1.5	4.5	50	8	360x280x370	18.5

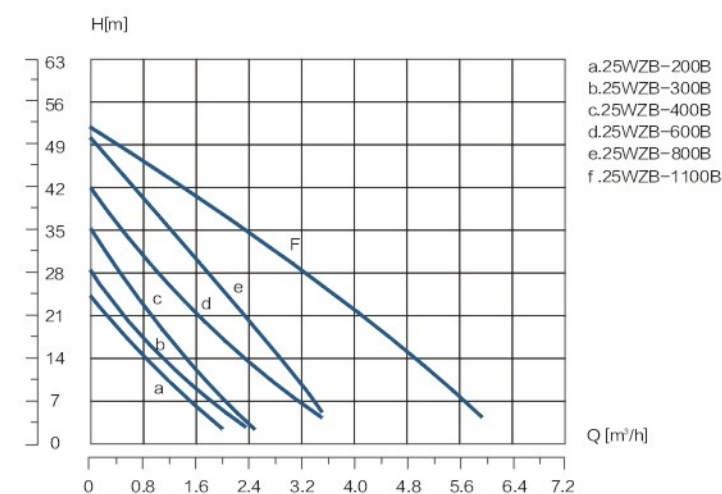
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Hydraulic Performance Curve:



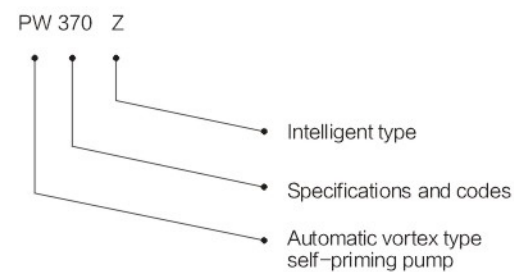
Technical Parameters:

Model	Rated power (kw)	Pipe diameter (inch)	Max Flow (m³/h)	Rated flow (m³/h)	Rated head (m)	Rated voltage (v)	Rated current (A)	Suction height (m)	Use range of head (m)	Overall dimensions (mm)
25WZB-200B	0.2	1	2	0.9	13	220	1	8	0-24	270x190x255
25WZB-300B	0.3	1	2.4	1	14	220	1.9	8	0-28	270x190x255
25WZB-400B	0.4	1	2.5	1.2	17	220	2.7	8	0-35	270x190x255
25WZB-600B	0.6	1	3.5	1.5	22	220	3.9	8	0-42	300x205x275
25WZB-800B	0.8	1	3.5	2	25	220	5.2	8	0-50	300x205x275
25WZB-1100B (2L/ 19L)	1.1	1.5	6	3	30	220	5.5	8	0-52	450x280x615

Application&feature:

PW series automatic vortex type self-priming pump mainly consists of four parts: motor, water pump, seal and control system. The motor is asynchronous motor, the impeller structure of the electric pump is vortex type, which has the characteristics of small flow, high head, good self-priming, etc. The electric pump is equipped with control system, according to the change of water pressure or water flow, to realize the automatic operation of the electric pump, that is, open the valve electric pump automatic operation, close the valve electric pump automatic stop, No need to manually turn off the power. This series has the function of stable pressure water supply, the electric pump is small in size, light in weight, compact in structure, simple and convenient in installation, It is an ideal household electric pump with high efficiency, energy saving and safety.

Model specification:



Technical Parameters:

Model	Rated power (kw)	Max Flow (m³/h)	Max head (m)	Rated flow (m³/h)	Rated head (m)	Rated voltage (v)	Rated current (A)	Suction height (m)	Pressure tank volume (L)	Pipe diameter (mm)
PW125	0.125	2	24	1	10	220	0.99	8	2	20
PW250	0.25	2.2	30	1	14	220	1.9	8	2	25
PW370	0.37	2.4	36	1	16	220	2.7	8	2	25
PW550	0.55	3	42	1.5	18	220	3.9	8	2	25
PW750	0.75	3.4	50	1.5	20	220	5.15	8	2	25
PW125Z	0.125	2	24	1	10	220	0.99	8	2	20
PW250Z	0.25	2.2	30	1	14	220	1.9	8	2	25
PW370Z	0.37	2.4	36	1	16	220	2.7	8	2	25
PW550Z	0.55	3	42	1.5	18	220	3.9	8	2	25
PW750Z	0.75	3.4	50	1.5	20	220	5.15	8	2	25
PW1100Z	1.1	6.0	55	2.5	30	220	7.02	8	2	40
PW1100L	1.1	6.0	55	2.5	30	220	7.02	8	19	40

Product use:

Used for conveying clean water and other liquids with similar properties to water without grinding particles. It is suitable for water pipeline pressurization, water tower pressurization, pumping well water, garden watering, solar energy pressurization, hot water pipeline pressurization, vegetable greenhouse watering and aquaculture water supply and drainage and other occasions.



Application&feature:

The pumps are suitable for pumping clean water and fluids which are not chemically aggressive to the pump components. The pumps are used in domestic and civil applicants and in particular the automatic distribution of water from small and medium sized surge tanks, for transferring water, for watering gardens etc. They are reliable, simple, quiet and virtually maintenance-free.

Working Condition:

Suction lift up to 8m
 Fluid temperature up to +60° C
 Max ambient temperature +40° C
 Max working pressure up to 6 bar

Component Material

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

Motor Information

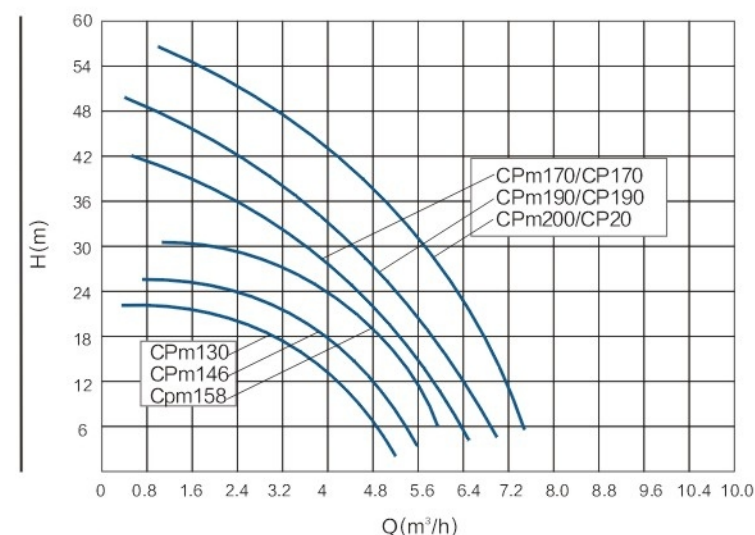
- Two-pole induction motor
- Single-phase 220V/50Hz 220V/60Hz 110V/60Hz
- Three-phase 380V/50Hz, 60Hz.
- Thermal protector for single-phase
- Continuous duty
- Insulation class: B
- Protection: IP44

RPM:n=2850r/min

Model		Power		Inlet (Inch)	Outlet (Inch)	Max Flow (m³/h)	Max Head (m)	Max Suction (m)	DIM.(mm)	G/W(kg)		20' (Loading Qty) (pcs)
Single-Phase	Three-Phase	KW	HP							G(s)	G(t)	
CPM130	/	0.37	0.5	1	1	5.5	22	7	300x190x220	9.5	/	2210
CPM146	/	0.55	0.75	1	1	6	26	7	340x210x265	12.5	/	1530
CPM158	/	0.75	1	1	1	6.5	32	7	340x210x265	13.5	/	1530
CPM170	CP170	1.1	1.5	1	1	7.2	44	7	390x240x290	21	21	950
CPM190	CP190	1.6	2.2	1	1	7.2	52	7	390x260x320	25	25	800
CPM200	CP200	2.2	3	1	1	8	59	7	455x280x340	33	33	600



Hydraulic Performance Curve:



Application&feature

The pumps are for pumping clean water and fluids which are not chemically aggressive to the pump components even in the presence of entrapped air in the fluid being pumped.

They are particularly used for domestic applications such as the automatic distribution of water from tanks , for water gardening etc.

▲ Monoblock sel-priming centrifugal pump with ejector housed in the pump body.

▲ A foot valve or non return valve on the suction opening should be installed.

Working Condition

Suction lift up to 9m

Fluid temperature up to +60° C

Max ambient temperature +40° C



Component Material

Pump body	Cast iron
Motor bracket	Aluminium
Impeller	Brass or PPO
Ejector	PC or PPO
Motor shaft	SS304 or CS#45
Mechanical seal	Ceramic and graphite
Bearing	Normal or C&U

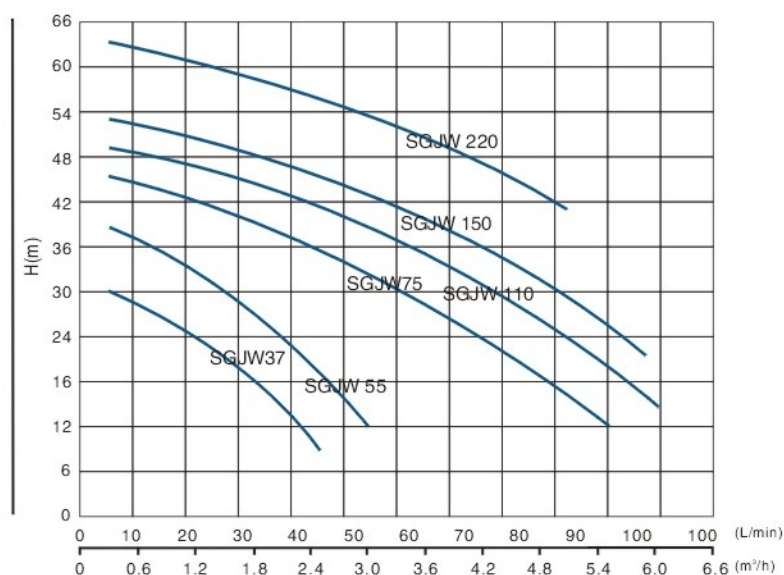
Motor Information

- Two-pole induction motor
- Single-phase 220V/50Hz 220V/60Hz 110V/60Hz
- Three-phase 380V/50Hz,60Hz.
- Thermal protector for single-phase
- Continuous duty
- Insulation calss: B
- Protection:IP44

Technical Parameters:

Model	Power		Inlet	Outlet	Max Flow	Max Head	Max Suction	Dim	G.W
Single phase	KW	HP	inch	inch	m ³ /h	m	m	mm	kg
SGJW37	0.37	0.5	1"	1"	2.5	32	9	390X190X230	9.5
SGJW55	0.55	0.75	1"	1"	3	41	9	475X195X240	17
SGJW75	0.75	1	1"	1"	5.4	46	9	475X195X240	18
SGJW110	1.1	1.5	1"	1"	6	52	9	475X195X240	18.5
SGJW150	1.5	2	1.25"	1"	7.2	55	9	535X240X260	25
SGJW220	2.2	3	1.25" or 1"	1"	5.0	65	9	590X275X280	40

Hydraulic Performance Curve:



Application&feature

The pumps are for pumping clean water and fluids which are not chemically aggressive to the pump components even in the presence of entrapped air in the fluid being pumped.

They are particularly used for domestic applications such as the automatic distribution of water from tanks , for water gardening etc.

▲ Monoblock sel-priming centrifugal pump with ejector housed in the pump body.

▲ A foot valve or non return valve on the suction opening should be installed.

Working Condition

Suction lift up to 9m

Fluid temperature up to +60° C

Max ambient temperature +40° C



Component Material

Pump body	Cast iron
Motor bracket	Aluminium
Impeller	Brass or PPO
Ejector	PC or PPO
Motor shaft	SS304 or CS#45
Mechanical seal	Ceramic and graphite
Bearing	Normal or C&U

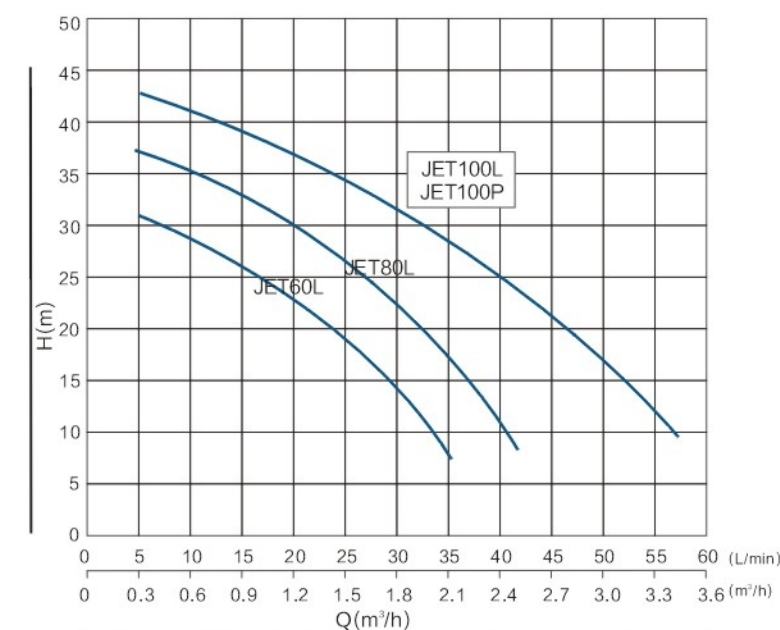
Motor Information

- Two-pole induction motor
- Single-phase 220V/50Hz 220V/60Hz 110V/60Hz
- Three-phase 380V/50Hz,60Hz.
- Thermal protector for single-phase
- Continuous duty
- Insulation calss: B
- Protection:IP44

RPM:n=2850r/min

Model	Power		Inlet	Outlet	Max Flow	Max Head	Max Suction	Dim	G.W
Single phase	KW	HP	inch	inch	m ³ /h	m	m	mm	kg
JET60L	0.37	0.5	1"	1"	2.5	32	9	390x190x230	9.5
JET80L	0.55	0.75	1"	1"	3	42	9	475x190x220	17
JET100L	0.75	1	1"	1"	3.5	46	9	475x190x220	18
JET100P	0.75	1	1"	1"	3.5	46	9	475x190x220	18.5

Hydraulic Performance Curve:



Application&feature

The pumps are for pumping clean water and fluids which are not chemically aggressive to the pump components even in the presence of entrapped air in the fluid being pumped.

They are particularly used for domestic applications such as the automatic distribution of water from tanks , for water gardening etc.

▲ Monoblock sel-priming centrifugal pump with ejector housed in the pump body.

▲ A foot valve or non return valve on the suction opening should be installed.

Component	Material
Pump body	AISI304SS
Motor bracket	Aluminium
Impeller	Brass or PC or PPO
Ejector	PC or PPO
Motor shaft	SS304 or CS#45
Mechanical seal	Ceramic and graphite
Bearing	Normal or C&U

Motor Information

- Two-pole induction motor
- Single-phase 220V/50Hz 220V/60Hz 110V/60Hz
- Three-phase 380V/50Hz,60Hz.
- Thermal protector for single-phase
- Continuous duty
- Insulation calss: B
- Protection:IP44

Technical Parameters:

Model	Power		Inlet	Outlet	Max Flow	Max Head	Max Suction	Dim	G.W
Single phase	KW	HP	Inch	Inch	m ³ /h	m	m	mm	kg
SGJS60	0.37	0.5	1"	1"	2.5	35	9	350x160x180	7
SGJS80	0.55	0.75	1"	1"	3	42	9	380x195x200	10
SGJS100	0.75	1	1"	1"	3.5	46	9	380x195x200	11
SGJS1100	1.1	1.5	1"	1"	3.8	50	9	380x195x200	11.5

Working Condition

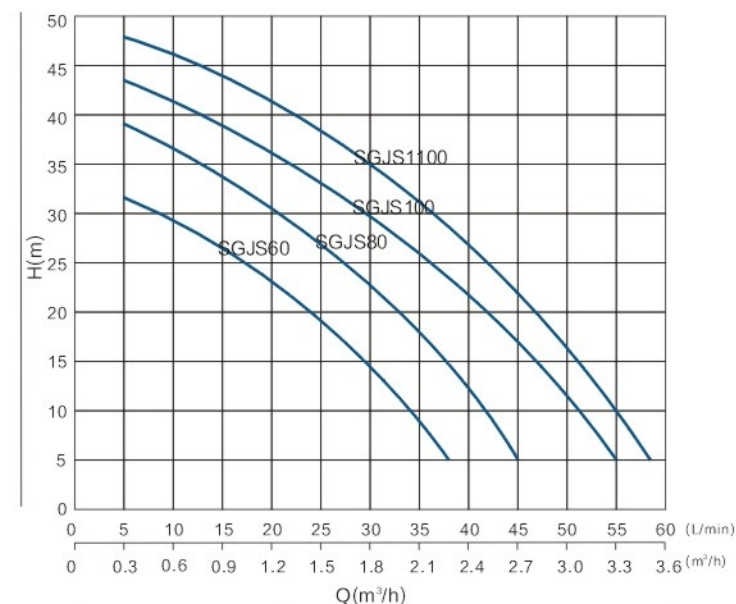
Suction lift up to 9m

Fluid temperature up to +60° C

Max ambient temperature +40° C



Hydraulic Performance Curve:



Application&feature

The pumps are for pumping clean water and liquids that are not chemically aggressive to the materials of the pump components.

They are widely used in domestic and civil applications such as the distribution of water in combination with small and medium sized pressure sets, for transferring liquids and for the irrigation of gardens and allotments.

Working Condition

Suction lift up to 8m

Fluid temperature up to +60° C

Max ambient temperature +40° C

Component	Material
Pump body	AISI304SS
Motor bracket	Aluminium
Impeller	AISI304SS
Motor shaft	SS304 or CS#45
Mechanical seal	Ceramic and graphite
Bearing	Normal or C&U

Motor Information

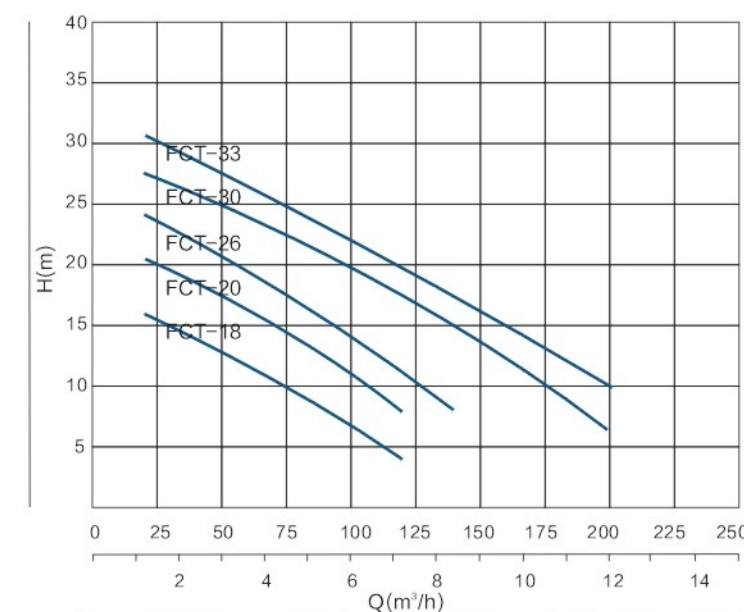
- Two-pole induction motor
- Single-phase 220V/50Hz 220V/60Hz 110V/60Hz
- Three-phase 380V/50Hz,60Hz.
- Thermal protector for single-phase
- Continuous duty
- Insulation calss: B
- Protection:IP44

Technical Parameters:

Model	Power		Inlet	Outlet	Max Flow	Max Head	Max Suction	Dim
Single phase	KW	HP	inch	inch	m ³ /h	m	m	mm
FCT-18	0.37	0.5	1.25"	1"	7.2	18	8	340X235X265
FCT-20	0.55	0.75	1.25"	1"	7.2	22	8	340X235X265
FCT-26	0.75	1	1.25"	1"	8.4	26	8	340X235X265
FCT-30	1.1	1.5	1.25"	1"	12	30	8	390X265X290
FCT-33	1.5	2	1.25"	1"	12	33	8	390X265X290



Hydraulic Performance Curve:



Application&feature

The pumps are designed for domestic ,agricultural and industrial use.

The shapes of their volutes and impellers, with ample passages,make them suitable for pumping even fairly dirty water.

They can achieve high delivery rates under continuous or heavy duty,making them advantageous for rain and gravity irrigation, for pumping water from lakes,rivers , wells and for a wide variety of industrial uses where high delivery rates must be achieved at low to average heads.

Working Condition

Suction lift up to 8m

Fluid temperature up to +60° C

Max ambient temperature +40° C

Medium flow rates



Component Material

Component	Material
Pump body	Cast iron
Motor bracket	Aluminium
Impeller	Brass/cast iron
Motor shaft	SS304 or CS#45
Mechanical seal	Ceramic and graphite
Bearing	Normal or C&U or NSK

Motor Information

- Two-pole induction motor
- Single-phase 220V/50Hz 220V/60Hz 110V/60Hz
- Three-phase 380V/50Hz,60Hz.
- Thermal protector for single-phase
- Continuous duty
- Insulation calss: B
- Protection:IP44

Technical Parameters:

Model		Power		Inlet (Inch)	Outlet (Inch)	Max Flow (m³/h)	Max Head (m)	Max Suction (m)	DIM.(mm)	G/W(kg)		20' (Loading Qty) (pcs)
Single- Phase	Three-Phase	KW	HP							G(s)	G(t)	
SHFm5AM	SHF5AM	1.5	2	2	2	30	22.5	7	425x250x295	23.5	23.5	900
SHFm5BM	/	1.1	1.5	2	2	30	20.2	7	425x250x295	23	23	500
SHFm6A	/	2.2	3	3	3	72	18.5	7	510x295x355	37	37	570
SHFm6B	/	1.5	2	3	3	66	14.7	7	460x285x345	31	31	570
SHFm6C	/	1.1	1.5	3	3	60	11.9	7	460x285x345	30	30	500
SHFm6AR	/	2.2	3	4	4	72	18.5	7	510x295x355	39	39	570
SHFm6BR	/	1.5	2	4	4	66	14.7	7	460x285x345	32	32	570
SHFm6CR	/	1.1	1.5	4	4	60	11.9	7	460x285x345	30	/	900

Application:

- Clean water without abrasive particles,non-aggressive liquid.
- Domestic use, agricultural and irrigation.
- Installed in enclosed places, or at least protected against in clement weather.

Motor:

- 2-pole induction motor: 50Hz.
- Insulation: Class B/Class F.
- Single- phase with capacitor and thermal overload protection.

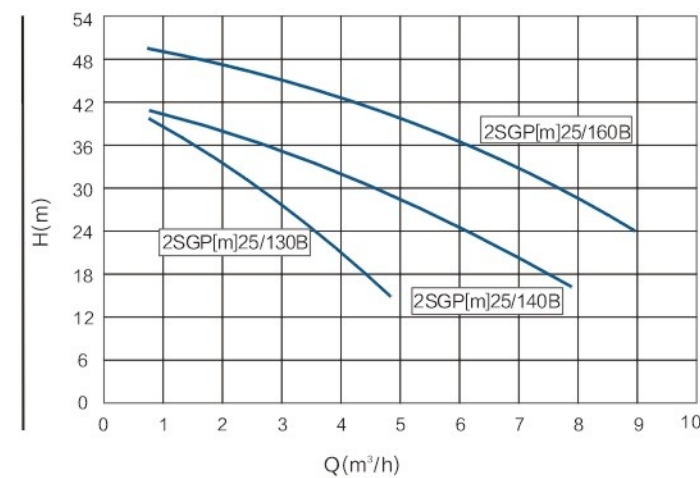
Operating Conditions:

- Suction lift up to 8 m.
- Max working pressure 6bar.
- Liquid temperature up to +60°C
- Ambient temperature up to +40°C

Material:

- Pump body: Cast iron.
- Motor support: Aluminum.
- Impeller: SS304 or Brass.
- Shaft with motor : SS304 and Cs45#.
- Mechanical seal : silicon carbide-Graphite.
- 100% Copper Winding.

Hydraulic Performance Curve:



Technical Parameters:

Model		Power		Inlet (Inch)	Outlet (Inch)	Max Flow (m³/h)	Max. Head (m)	Max Suction (m)	DIM.(mm)	Weight (kg)
Single- Phase	Three-Phase	KW	HP							
2SGPm25/130	2SGP25/130	0.75	1	1.25"	1"	5.1	42	8	385x235x280	17
2SGPm25/140	2SGP25/140	1.1	1.5	1.5"	1"	8.4	42	8	445x225x 200	24
2SGPm25/160B	2SGP25/160B	1.5	2	1 5"	1"	9.6	50	8	445x255x 300	26

Application:

- For clean non-aggressive liquids without abrasives.
- Water supply Cleaning sets Pressure boosting Fire-fighting sets Irrigation Industrial&Agricultural applications Water circulation.

Construction:

- Close-coupled centrifugal pumps, electric motor with extended shaft directly connected to the pump
- Pump casing with axial suction and radial delivery on top
- Main dimensions and performance according to En733
- SKPm: version with moto-phase motor, single impeller
- SKP: version with three phase motor, single impeller
- SKP/D: version with double impeller

Optional available on request:

- Special mechanical seal
- Other voltages or 60Hz frequency
- Protection IP55 or Ip54
- Single phase up to 3kw
- Higher or lower liquid or temperature .

Model Implication:

SKPm 32-160 / 22

- $22:22/10=2.2\text{kW}$ motor power

– 160 impelelr code in mm.

– 32:outlet diameter in mm

- SKP:model name

m:single phase motor.



Performance range:

- Flow rate up to 6000l/min(360m³/h)
- Liquid temperature between -10°C to + 120°C
- Ambient temperature between -10°C to +40°C
- Max pressure in pump body 16bar
- Continuous duty S1 protection.

Technical Parameters:

Model		Power		In/Out	Q																											
		kW	HP																													
Single-phase	Three-phase																															
		mm																														
32-125/7	32-125/7	0.75	1	0	6	9	15	18	24	27	36	42	48	52	72	84	90	1500	1800	2000	2300	3000	3500									
32-125/11	32-125/11	1.1	1.5	17.5	16.7	15	12	9																								
32-160/15	32-125/11	1.5	2	22	21	19.7	16.5	14.5	9																							
32-160/22	32-160/15	2.2	3	25.4	23.7	22.5	18.5	15.8																								
32-160/30	32-160/22	3	4	31	29.6	28.5	24.5	22	15																							
32-200/30	32-160/30	3	4	35	34.3	34	28	25.5	19	15																						
-	32-200/30	4	5.5	44.2	43	39.8	35.2	32.2	24.6	19.8																						
-	32-200/40	4	5.5	54.5	52	50	45.5	41.9	35	30.3																						
-	32-250/55	5.5	7.5	60	59.5	59	55	51	34.5																							
-	32-250/75	7.5	10	69.5	69	68.5	66	63	53																							
-	32-250/110	11	15	90	89.7	89	82	79	66																							
-	32-250/55D	5.5	7.5	79.5	74.7	71.8	63	56	37.5																							
-	32-250/75D	7.5	10	99.5	95	91.8	83	76	57.8																							
40-125/11	40-125/11	1.1	1.5	14.7						13.5	11.5	10.1	5.9																			
40-125/15	40-125/15	1.5	2	18.1						17	15	13.9	9.6	6																		
40-125/22	40-125/22	2.2	3	24.5						23.2	21.5	20.2	16	13	8.3																	
40-160/30	40-160/30	3	4	31.8						29.5	27.5	26.3	21.5	17.5																		
-	40-160/40	4	5.5	38						36	34	33	28.5	25	20.1																	
-	40-200/55	5.5	7.5	46						43.8	41.3	40.1	35	30																		
-	40-200/75	7.5	10	57						53.6	51.5	50	45	41	36.5																	
-	40-250/92	9.2	12.5	64						59	56.5	55	49.5	45	39.8																	
-	40-250/110	11	15	72						67.5	66	63.5	57.5	52.2	47																	
-	40-250/150	15	20	84.5						80	77.3	75.2	71	65	61																	
50-125/22	50-125/22	2.2	3	17												15.4	14	12.8	11.5	6.5												
50-125/30	50-125/30	3	4	20												18.8	18	17	15.6	11												
-	50-125/40	4	5.5	24												23.1	23	21.5	20.3	15.8	11.8											
-	50-160/55	5.5	7.5	32												30.6	30	28	26.6	20.5	14.8											
-	50-160/75	7.5	10	40												38	37	36	34.4	29	24	21										
-	50-200/92	9.2	12.5	50.5												46.8	45	43	40.9	32.5	25.7											
-	50-200/110	11	15	57.5												53.5	52	50	47.5	40	33	29										
-	50-250/150	15	20	68.5												64	63	61.5	59	50	41											
-	50-250/185	18.5	25	77												73.2	72	70	68	60.5	51.5	47										
-	50-250/220	22	30	86.3												83	81.5	80.8	78.7	70	61.9	57										
-	65-125/40	4	5.5	19																												
-	65-125/55	5.5	7.5	23																												
-	65-125/75	7.5	10	27																												
-	65-160/92	9.2	12.5	33																												
-	65-160/110	11	15	36																												
-	65-160/150	15	20	42																												
-	65-200/150	15	20	45																												
-	65-200/185	18.5	25	52																												
-	65-200/220	22	30	59																												
-	65-250/220	22	30	62																												
-	65-250/300	30	40	76																												
-	65-250/370	37	50	90																												
-	80-160/110	11	15	27																												
-	80-160/150	15	20	32.8																												
-	80-160/185	18.5	25	39																												
-	80-200/220	22	30	48																												
-	80-200/300	30	40	60																												
-	80-250/370	37	50	71.5																												
-	80-250/450	45	60	80																												
-	80-250/550	55	75	92.5																												

Application&feature:

Pumping clean water without abrasive particles and liquids that are not chemically to the components.
Mainly used for domestic water supply ,farm irrigation, pumping garden and drainage in breeding industry
Pumping water from wells, rivers, tanks,.

Working Condition:

Max.submerged depth:5m
Fluid temperature up to +60℃
Max ambient temperature +40℃

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

Motor Information:

- Two-pole induction motor
- Single-phase 220V/50Hz 110V,220V/60Hz
- Three- phase380V/50Hz,60Hz
- Thermal protector for single-phase ,
- Continuous duty.
- Insulation calss: E
- Protection:IP X8

Technical Parameters:

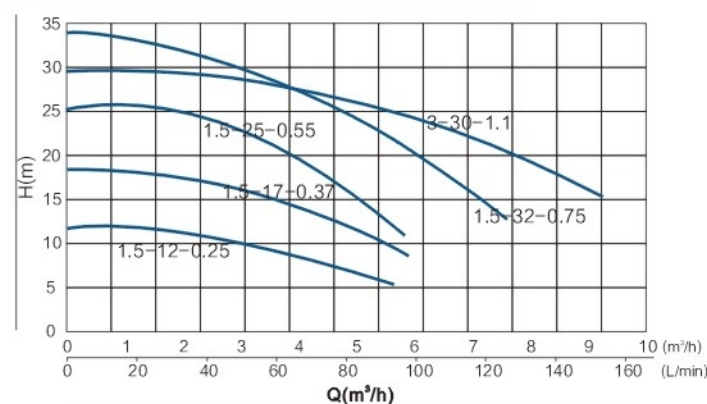
Model	Power		Outlet	Rated Flow	Rated Head	Dim
Single phase	KW	HP	Inch	m³/h	m	mm
QDX1.5-12-0.25	0.25	0.34	1"	1.5	12	365x165x175
QDX1.5-17-0.37	0.37	0.5	1"	1.5	17	370x160x203
QDX1.5-25-0.55	0.55	0.75	1"	1.5	25	370x105x218
QDX3-18-0.55	0.55	0.75	1.25"	3	18	370x195x215
QDX10-12-0.55	0.55	0.75	1.5"	10	12	370x195x215
QDX15-7-0.55	0.55	0.75	2"	15	7	370x195x235
QDX1.5-32-0.75	0.75	1	1"	1.5	32	380x220x230
QDX3-24-0.75	0.75	1	1"	3	24	380x220x230
QDX8-18-0.75	0.75	1	1.5"	8	18	380x220x230
QDX10-16-0.75	0.75	1	2"	10	16	380x220x230
QDX15-10-0.75	0.75	1	2.5"	15	10	380x220x230
QDX25-6-0.75	0.75	1	3"	25	6	400x170x260
QDX3-30-1.1	1.1	1.5	1"	3	30	440x220x210
QDX3-38-1.1	1.1	1.5	1"	3	38	380x230x230
QDX15-14-1.1	1.1	1.5	2.5"	15	14	520x240x270
QDX40-6-1.1	1.1	1.5	3"	40	6	440x280x200
QDX6-25-1.1	1.1	1.5	2"	6	25	530x260x270
QDX40-9-1.5	1.5	2	3"	40	9	550x250x250
QDX50-7-1.5	1.5	2	4"	50	7	530x196x310
QDX65-8-2.2	2.2	3	4"	65	8	544x230x364



QDX-A

QDX-B

Hydraulic Performance Curve:



Application&feature:

Pumping clean water without abrasive particles and liquids that are not chemically to the components.
Mainly used for domestic water supply ,farm irrigation, pumping garden and drainage in breeding industry .
Pumping water from wells, rivers,tanks,

Working Condition:

Max.submerged depth:5m
Fluid temperature up to +60℃
Max ambient temperature +40℃

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

Motor Information:

- Two-pole induction motor
- Single-phase 220V/50Hz 110V,220V/60Hz
- Three- phase380V/50Hz,60Hz
- Thermal protector for single-phase ,
- Continuous duty.
- Insulation calss: E
- Protection:IP X8

Technical Parameters:

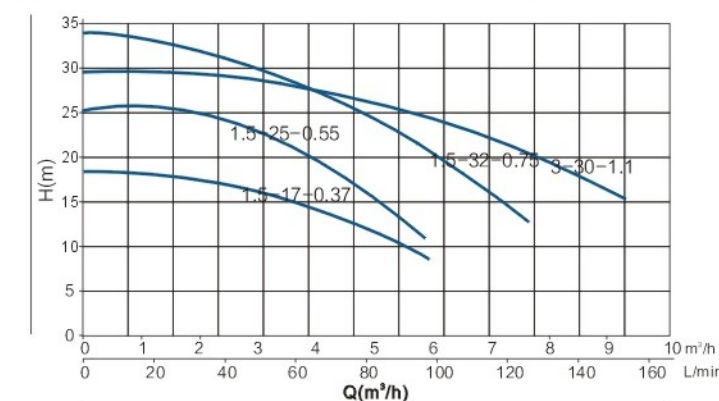
Model	Power		Outlet	Rated Flow	Rated Head	Dim	G.W
Single phase	Kw	Hp	inch	m³/h	m	mm	kg
QDXS1.5-17-0.37	0.37	0.5	1"	1.5	17	370x160x203	7
QDXS1.5-25-0.55	0.55	0.75	1"	1.5	25	370x105x218	10
QDXS15-7-0.55	0.55	0.75	2"	15	7	370x195x235	10
QDXS1.5-32-0.75	0.75	1	1"	1.5	32	380x220x230	12
QDXS8-18-0.75	0.75	1	1.5"	8	18	380x220x230	12
QDXS10-16-0.75	0.75	1	2"	10	16	380x220x230	12
QDXS15-10-0.75	0.75	1	2.5"	15	10	380x220x230	12
QDXS25-6-0.75	0.75	1	3"	25	6	400x170x260	12
QDXS3-30-1.1	1.1	1.5	1"	3	30	440x220x210	14
QDXS15-14-1.1	1.1	1.5	2.5"	15	14	520x240x270	16
QDXS40-6-1.1	1.1	1.5	3"	40	6	440x280x200	18
QDXS6-25-1.1	1.1	1.5	2"	6	25	530x260x270	26
QDXS40-9-1.5	1.5	2	3"	40	9	550x260x260	28
QDXS50-7-1.5	1.5	2	4"	50	7	530x196x310	28



QDXS-A

QDXS-B

Hydraulic Performance Curve:



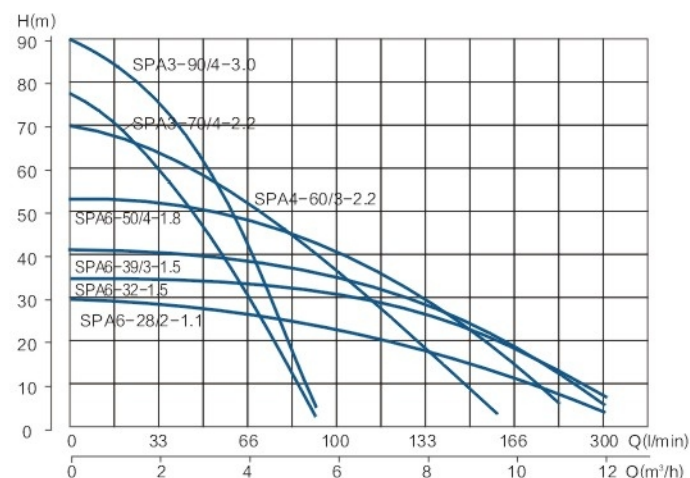
Application:

- Characterized with high heads, compact size, light weight and convenient use.
- Vastly used in high position water delivery, flush and places as construction sites.

Material:

- Pump body: Cast iron.
- Motor Bracket: SS.
- Impeller: Cast iron.
- Motor shaft: CS 45#.
- Mechanical seal: Silicon carbide + hot pressing Graphite.

Hydraulic Performance Curve:



Technical Parameters:

Model	Power		Outlet (mm)	Max. Flow (m³/h)	Max. Head (m)	DIM.(mm)	Weight (kg)
	KW	HP					
SPA6-28/2-1.1	1.1	1.5	50	12.5	30	535x275x225	23
SPA6-39/3-1.5	1.5	2	50	12.5	41	625x285x205	28.5
SPA6-32-1.5	1.5	2	40	13	34	560x275x225	26
SPA6-50/4-1.8	1.8	2.5	50	11.5	52	680x295x215	31.5
SPA3-70/3-2.2	2.2	3	40	6	78	590x350x250	36
SPA4-60/4-2.2	2.2	3	50	10	70	650x285x200	32
SPA3-90/4-3.0	3.0	4	40	6	90	680x350x250	42

Operating Conditions:

- Submersible depth up to 5m.
- Liquid temperature up to +40°C.
- PH value in the water is between 6.5-8.5.
- Passage of suspended solid up to 2mm.

Motor and Pump:

- 2 Pole induction motor.
- Single phase, 220v, 50/60Hz.
- With thermal overload protection.



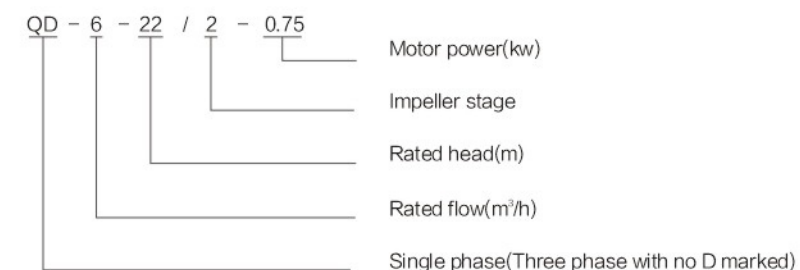
Application Limits:

- Liquid temperature up to +40°C
- PH: 6.5-8.5
- Solid impurity size of not more than 0.1%, the particle diameter of not more than 0.2mm
- 50HZ, single phase voltage 220V, three phase voltage 380V, Voltage fluctuation range of ratings $\pm 10\%$
- The head not less than the 80% rated head. Immersion depth from 0.5m to 5m

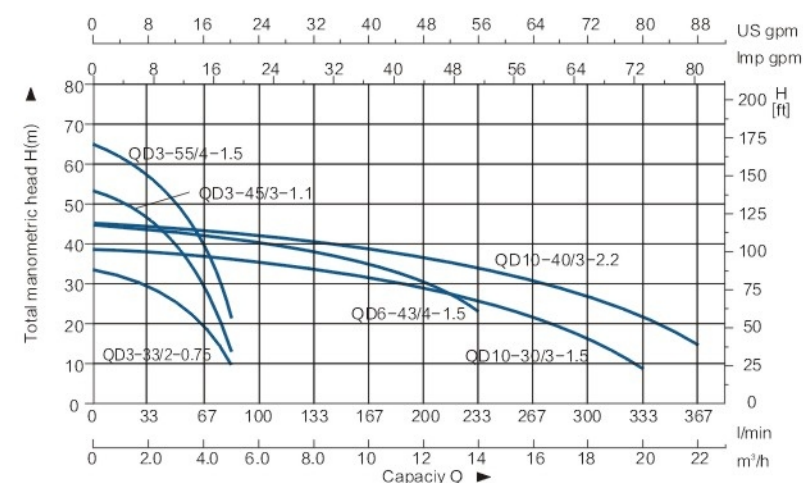
Features:

High head, multistage centrifugal pump
Compact structure, covering small area, convenient to move and use
The good bearing, improving the service life

Model Implication:



Hydraulic Performance Curve:



Technical Parameters:

Model		Power		Pipe Size	Max Flow	Max Flow	Max Head	Voltage(M)	Dim(mm) (LxWxH)
Singel-Phase	Three-Phase	KW	HP	Inch	(m³/h)	(L/min)	(m)		
QD3-33/2-0.75		0.75	1	1	5	83	31	220	480x200x220
QD3-45/3-1.1		1.1	1.5	1	5	83	50		515x215x220
QD3-55/4-1.5		1.5	2	1	5	83	62		590x215x220
QD3-82/5-1.8		1.8	2.5	1	8	133	83		690x215x263
QD3-96/6-2.2		2.2	3	1	7	117	102		750x215x253
QD6-32/3-1.1		1.1	1.5	1.5	14	233	43		535x215x220
QD6-43/4-1.5		1.5	2	1.5	14	233	50		610x215x220
QD10-26/2-1.5		1.5	2	2	20	333	28		560x215x220
QD10-30/3-1.5		1.5	2	2	20	333	38		590x215x220
QD10-40/3-2.2		2.2	3	2	22	367	43		695x215x260
	Q3-33/2-0.75	0.75	1	1	5	83	31	380	480x200x220
	Q3-45/3-1.1	1.1	1.5	1	5	83	50		515x215x220
	Q6-32/3-1.1	1.1	1.5	1.5	14	233	43		535x215x220
	Q3-55/4-1.5	1.5	2	1	5	83	62		590x215x220
	Q10-30/3-1.5	1.5	2	2	20	333	38		590x215x220
	Q6-43/4-1.5	1.5	2	1.5	14	233	50		610x215x220
	Q10-26/2-1.5	1.5	2	2	20	333	28		560x215x220
	Q10-40/3-2.2	2.2	3	2	22	367	43		695x215x260
	Q3-112/7-3	3	4	1	8	133	122		750x215x255
	Q12.5-80/4-5.5	5.5	7.5	2	31	517	89		1035X285X325
	Q14-100/5-7.5	7.5	10	2.5	31	517	109		1175X285X310

Application:

Suitable for use with clean water that does not contain abrasive particles.
As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as domestic, gardening, irrigation and emptying tanks.

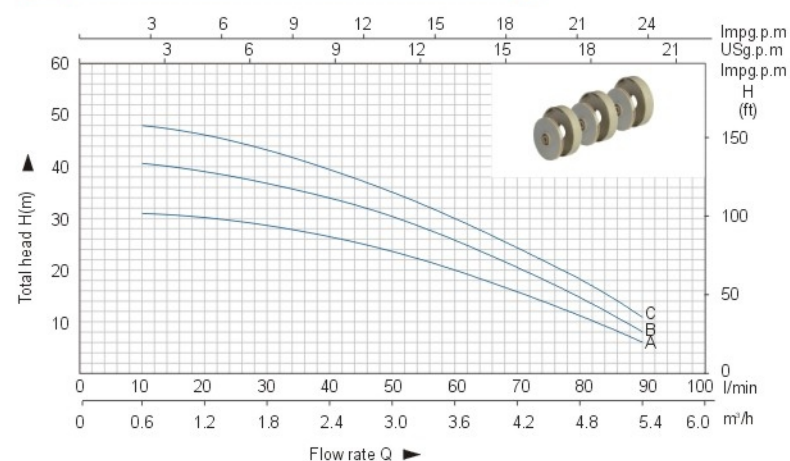
Operating Conditions:

- 8m maximum immersion depth
- Liquid temperature up to 35°C
- Maximum ambient temperature 40°C

Component Construction

Pump body:	Technopolymer & AISI304 SS
Suction filter:	AISI304SS
Impeller:	Noryl
Motor shaft:	AISI304 SS
Mechanical seal:	Ceramic/ Graphite
Cable:	12m power cable with plug

Hydraulic Performance Curve:



QDP90-S

Technical Parameters:

MODEL	POWER	Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
	KW	Q(l/min)	0	10	20	30	40	50	60	70	80	90
QDP90-3S	0.8	H	32	31	29.5	28	26	23	20	16	11	6
QDP90-4S	1		42	40.5	38.5	36.5	34	30.5	26	20	14	8
QDP90-5S	1.2		50	48	46	43.5	40	35	30	24.5	18	11

Application:

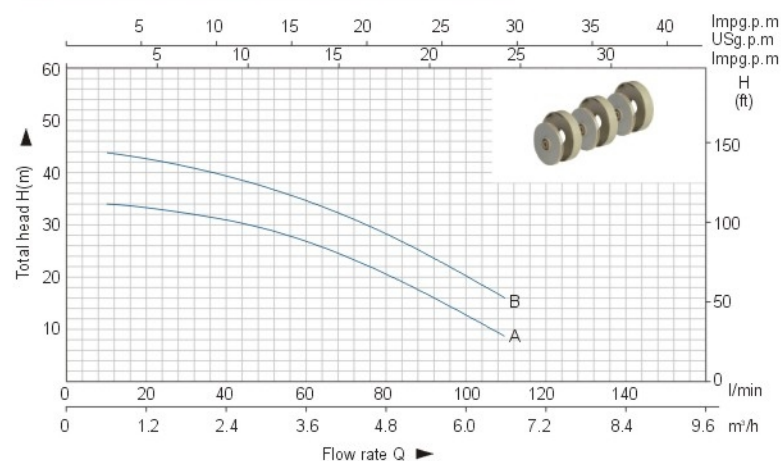
Suitable for use with clean water that does not contain abrasive particles. As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as domestic, gardening, irrigation and emptying tanks.

Operating Conditions:

- 8m maximum immersion depth
- Liquid temperature up to 35°C
- Maximum ambient temperature 40°C

Component	Construction
Pump body:	Technopolymer & AISI304 SS
Suction filter:	AISI304SS
Impeller:	Noryl
Motor shaft:	AISI304 SS
Mechanical seal:	Ceramic/ Graphite
Cable:	12m power cable with plug

Hydraulic Performance Curve:



Motor:

- Two-pole induction motor(n=2850 r.p.m)
- Insulation Class B
- Protection Ip68
- Continuous service S1
- Thermal protector
- Single-phase 220V/50Hz, 60Hz if request



QDP145-S

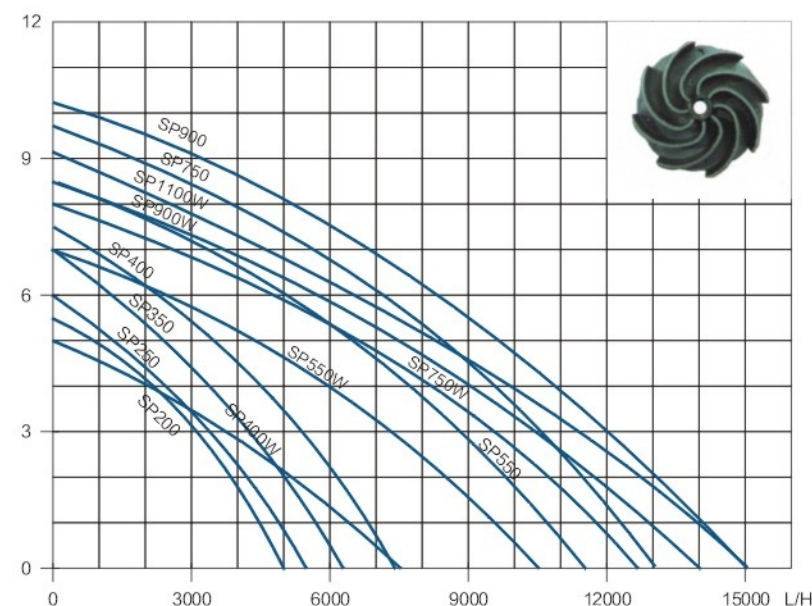
Technical Parameters:

MODEL	POWER	Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6
	KW	Q(l/min)	0	10	20	30	40	50	60	70	80	90	100	110
QDP145-3S	1	H	35	34	33	32	31	29.5	27	24	21	17	13	9
QDP145-4S	1.2		45	44	43	42	40	37.5	35	32	28	24	20	16

Model Implication:

- Liquid temperature up to 35°C.
- Protection IPX8.
- Winding: copper/aluminum.
- Max grain size 5mm(SPW 35mm).

Hydraulic Performance Curve:



SPW



SP

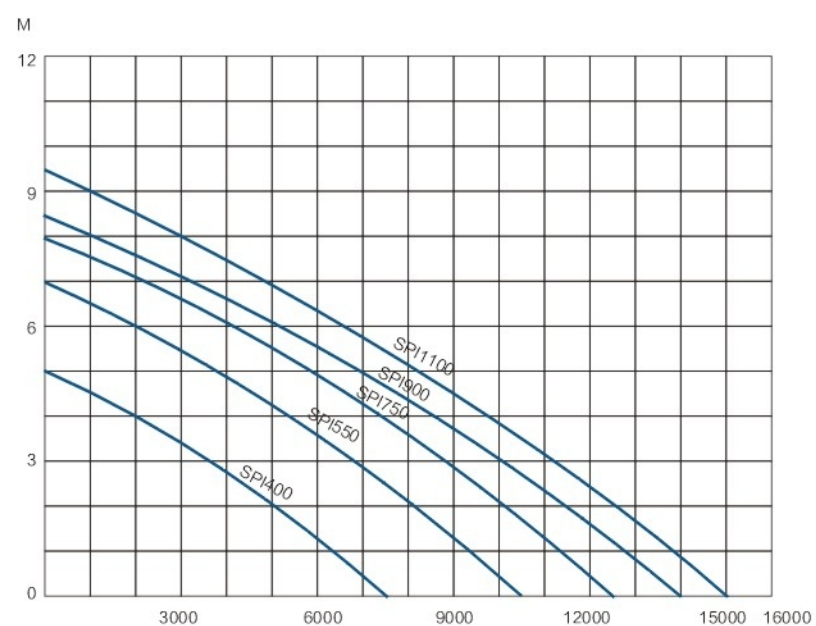
Technical Parameters:

Model	Power	Max. Flow (m³/h)	Max. Head (m)	Max. Depth (m)	DIM.(mm)	Weight (kg)
SP200	200	5	5.4	7	220x160x340	3.7
SP250	250	5.5	6	7	220x160x340	3.8
SP350	350	6.2	7	7	220x160x340	3.9
SP400	400	7.3	7.5	7	220x160x340	4.0
SP550	550	11.5	8.5	7	220x160x340	4.3
SP750	750	13	9.5	7	220x160x360	4.8
SP900	900	15	10	7	220x160x360	5.0
SP400W	400	7.5	5	7	220x160x340	3.8
SP550W	550	10.5	7	7	220x160x340	4.3
SP750W	750	12.5	8	7	220x160x370	4.7
SP900W	900	14	8.5	7	220x160x370	5.0
SP1100W	1100	15	9	7	220x160x370	5.5

Main Specifications:

- Liquid temperature up to 35°C.
- Protection IPX8.
- Winding: copper/aluminum.
- Max grain size: 35mm.

Hydraulic Performance Curve:



Technical Parameters:

Model	Power	Max. Flow (m³/h)	Max. Head (m)	Max. Depth (m)	DIM.(mm)	Weight (kg)
SPI400	400	7.5	5	7	220x220x370	4.5
SPI550	550	10.5	7	7	220x220x370	5.0
SPI750	750	12.5	8	7	220x220x370	5.4
SPI900	900	14	8.5	7	220x220x370	5.7
SPI1100	1100	15	9.5	7	220x220x370	6.0.

Application:

- Domestic / Commercial / Industrial use.
- Drainage of sewage from the building basements, hotel, Industry waste water from factories.
- Pumping surface and draining water from the garages and sprinkler systems.
- Being equipped with a double-channel impeller.
- The big flow, medium-low head.

Operating Conditions:

- Submersible depth 5 m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. Working pressure: 6 bar.
- Passage of suspended solid up to 35 mm.

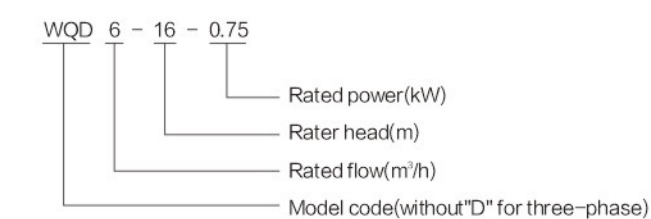
Motor:

- 2 pole induction motor.
- Single-phase / Three-phase, 50Hz / 60Hz.
- Insulation: Class E.
- Protection: IP X8.
- Single-phase with capacitor.
- With thermal overload protection.

Material:

- Pump body: Cast Iron.
- Motor bracket: Cast Iron.
- Impeller: Cast Iron.
- Motor shaft: SS420 or Cs45#.
- Mechanical seal: Ceramic-Graphite, Silicon Carbide-Carbide alloy.

Model Implication:



WQ(D)-A



WQ(D)-B



WQ(D)-C



WQ

Technical Parameters:

Model		Power		Outer diameter (inch)	Rated Flow (m³/h)	Rated Head (m)	Rated Speed (r/min)	Packing (mm)	Weight (kg)
Singel-Phase	Three-Phase	KW	HP						
WQD6-12-0.55		0.55	0.75	2	6	12	2850	470x250x250	19
WQD6-16-0.75		0.75	1	2	6	16	2850	470x250x250	21
WQD10-10-0.75		0.75	1	2.5	10	10	2850	520x210x275	26
WQD15-9-1.1		1.1	1.5	2	15	9	2850	540x240x280	29
WQD7-15-1.1		1.1	1.5	2	7	15	2850	540x240x280	28
	WQ6-16-0.75	0.75	1	2	6	16	2850	470x250x250	20
	WQ10-10-0.75	0.75	1	2.5	10	10	2850	520x210x275	26
	WQ15-9-1.1	1.1	1.5	2	15	9	2850	540x240x280	29
	WQ7-15-1.1	1.1	1.5	2	7	15	2850	540x240x280	28
	WQ18-15-1.5	1.5	2	2.5	18	15	2850	610x260x305	41
	WQ25-7-1.5	1.5	2	3	25	7	2850	610x260x305	35
	WQ9-22-2.2	2.2	3	2	9	22	2850	635x260x330	42
	WQ15-20-2.2	2.2	3	2.5	15	20	2850	635x260x330	44
	WQ25-15-2.2	2.2	3	3	25	15	2850	635x260x330	44
	WQ42-9-2.2	2.2	3	2.5	42	9	2850	655x270x325	46
	WQ15-30-3	3	4	2.5	15	30	2850	635x260x330	48
	WQ25-20-3	3	4	3	25	20	2850	635x260x330	49
	WQ43-13-3	3	4	4	43	13	2850	720x320x390	61
	WQ50-10-3	3	4	4	50	10	2850	720x320x390	61
	WQ40-15-4	4	5.5	2.5	40	15	2850	755x325x395	73
	WQ65-20-7.5	7.5	10	4	65	20	2850	395x395x1100	115
	WQ80-15-7.5	7.5	10	4	80	15	2850	395x395x1100	115
	WQ100-10-7.5	7.5	10	6	100	10	2850	395x395x1100	118

Technical Parameters:

Model	Power		Rate Current (A)	Solids Passage (mm)	Max.Flow (m³/h)	Max.Head (m)	Packing Dim. (LxWxH) mm	G.W. (Kg)
	KW	HP						
WQ100-25-11	11	15	23.8	35	175	29	600x560x1230	253
WQ130-15-11	11	15		45	330	22	590x500x1290	256
WQ150-13-11	11	15		45	320	18	590x500x1290	253
WQ180-11-11	11	15		50	300	20	590x500x1290	253
WQ300-7-11	11	15		55	440	13	660x570x1380	281
WQ360-6-11	11	15		60	540	10	620x560x1450	299
WQ 100-30-15	15	20	31.7	35	190	33	600x560x1230	270
WQ150-17-15	15	20		45	350	25	590x500x1290	268
WQ180-15-15	15	20		50	320	23	590x500x1290	268
WQ250-11-15	15	20		50	400	20	660x570x1380	298
WQ400-7-15	15	20		65	620	14	620x560x1450	312
WQ100-35-18.5	18.5	25	38.7	35	224	37	690x600x1300	338
WQ150-22-18.5	18.5	25		45	350	28	640x570x1350	356
WQ180-20-18.5	18.5	25		45	400	28	640x570x1350	365
WQ250-15-18.5	18.5	25		50	400	22	660x610x1450	372
WQ350-10-18.5	18.5	25		55	520	17	620x560x1525	370
WQ100-40-22	22	30	44.9	35	249	44	690x600x1300	351
WQ130-30-22	22	30		45	320	35	690x600x1300	351
WQ180-25-22	22	30		45	340	32	640x570x1350	366
WQ250-18-22	22	30		50	450	27	660x610x1450	377
WQ400-10-22	22	30		60	630	18	620x560x1525	385

Application&feature :

The pumps are designed for draining dirty water,waste water and sewage in domestic and civil applications.

Being equipped with a half-open impeller, the pumps are allowed to pump liquids containing suspended solids up to $\Phi 45\text{mm}$ and short fibres.

The pumps are outstanding in the reliability with automatic float switch and builded in over-load protector.

Working Condition :

Max.submerged depth:5m

Fluid temperature up to $+60^{\circ}\text{C}$

Max ambient temperature $+40^{\circ}\text{C}$

Max passage for suspended solids: $\Phi 45\text{mm}$



Component Material

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

Motor Information:

- Two-pole induction motor
- Single-phase 220V/50Hz 110V,220V/60Hz
- Thermal protector for single-phase ,
- Continuous duty.
- Insulation class: E
- Protection:IP X8

Technical Parameters:

Model	Power		Outlet	Max. Flow	Max Head	Dim	G.W
single phase	KW	HP	Inch	L/min	m	mm	Kg
V180F	0.18	0.2	1.25"	133	7	220x180x450	12
V250F	0.25	0.35	1.25"	150	7.5	240x180x450	14
V450F	0.45	0.55	2"	290	8.5	260x200x500	18
V750F	0.75	1	2"	300	12	260x200x550	20
V1100F	1.1	1.5	2"	360	13	280x220x560	22

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:

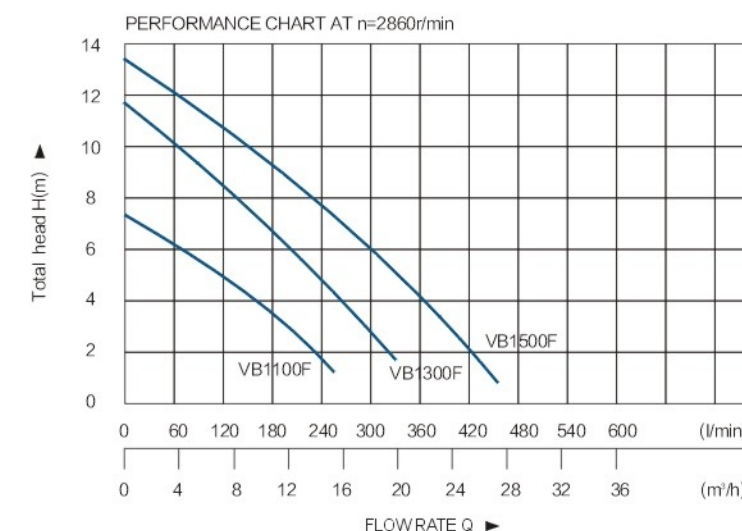
- Max: immersion depth: 5m
- Max: liquid temperature: $+40^{\circ}\text{C}$
- Liquid PH value: 5-9
- Liquid kinematic ciscosity: $7 \times 10^{-6} \sim 23 \times 10^{-6} \text{m}^2/\text{s}$
- Max. liquid density: $1.2 \times 10^3 \text{kg/m}^3$

Motor:

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation class :B
- Protection class:IPX8



Hydraulic Performance Curve:



Technical Parameters:

Model	Power (kw)	Outlet Diameter (Inch)	Voltage/ Frequency (V/HZ)	Max. Flow (/min)	Max. Head (m)	G.W. (Kg)	Dimensions (cm)
VB1100F	1.1	2"	220/50	255	7.5	19.5	56.5X31X25.5
VB1300F	1.3	2"	220/50	323	12	20.5	56.5X31X25.5
VB1800F	1.8	3"	220/50	438	13	28	59X35.5X25.5

Application&feature:

The sewage grinder pumps are designed with a grinder system which grinds solids into small pieces so that they can be led away through pipes. The pumps are designed for draining dirty water, waste water and sewage from restaurants, hotels, camping sites, factory etc.

The pumps can be installed on an auto-coupling system or stand freely on the bottom of the pit.

The pumps is equipped with an open impeller

Working Condition:

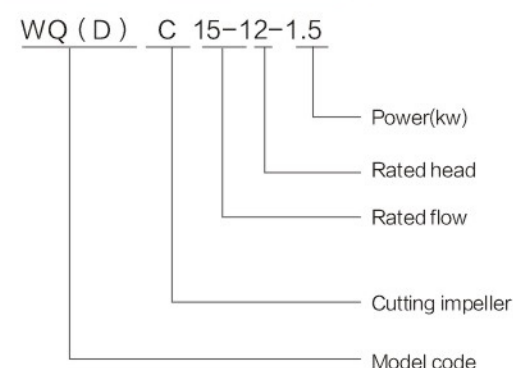
Max.submerged depth:5m

Fluid temperature up to +60°C

Max ambient temperature +40°C



Model Implication:



Motor Information:

- Two-pole induction motor
- Single-phase 220V/50Hz 110V,220V/60Hz
- Three-phase 380V/50Hz,60Hz
- Thermal protector for single-phase ,
- Continuous duty.
- Insulation class: E
- Protection:IP X8

Technical Parameters:

Model	Volt.	Power		Outlet	Max. Flow	Max Head
		KW	HP			
single phase	V			inch	m³/h	m
WQDC15-12-1.5	220	1.5	2	2"	29	16.8
WQDC25-12-2.2	220	2.2	3	2"	35	18
WQC15-12-1.5	380	1.5	2	2"	29	16.5
WQC25-12-2.2	380	2.2	3	2"	35	18

Application&feature:

- Domestic/Commercial/Industrial use
- Drainage of sewage from the building basements, hotel. Industry waste water from factories.
- Pumping surface and draining water from the garages and sprinkler systems.
- Being equipped with a double-channel impeller

Operating Conditions:

- Submersible depth 5m
- Liquid temperature up to +40°C
- Ambient temperature up to +40°C
- Max. working pressure: 6bar
- Passage of suspended solid up to 35mm

Motor:

- 2 pole induction motor.
- 1-phase /3-phase ,50hz/60hz
- Insulation: Class E
- Protection: IP X8
- Single-phase with capacitor and thermal overload protection.

Material:

- Pump body: Cast Iron
- Motor bracket: Cast Iron
- Impeller: Cast Iron
- Motor shaft: SS420/CS45#/SS316
- Mechanical seal: Ceramic-Graphite, Silicon Carbide-Carbide alloy.

Technical Parameters:

Model		Power		Outer (mm)	Max Flow (m³/h)	Max Head (m)	The max. flow particle (mm)	Dim. (Mm)	G/W(kg)		20' (Loading Qty) (pcs)
Singe-Phase	Three-Phase	KW	HP						G(W)	N(W)	
WQDAS10-7-0.75CB		0.75	1	51	20	11	20	630x220x290	37	33	630
WQDAS15-9-1.1CB		1.1	1.5	51	25	13	20	530x220x275	38	35	550
WQDAS25-7-1.5CB		1.5	2	64	33	13.5	25	590x260x315	47	43	440
WQDAS25-10-2.2CB		2.2	3	64	42	16	25	590x260x315	53	49	370
	WQAS10-7-0.75CB	0.75	1	51	20	11	20	530x220x275	33	30	630
	WQAS15-9-1.1CB	1.1	1.5	51	25	13	20	530x220x275	35	32	600
	WQAS25-7-1.5CB	1.5	2	64	33	13.5	25	590x260x315	44	40	470
	WQAS25-10-2.2CB	2.2	3	64	42	16	25	590x260x315	50	46	420
	WQAS42-11-3CB	3	4	76	70	19.5	30	680x335x385	73	68	270
	WQAS50-10-4CB	4	5.5	76	75	21	30	680x335x385	75	86	250
	WQAS65-12-5.5CB	5.5	7.5	102	95	23	30	755x360x435	116	106	180
	WQAS85-13-7.5CB	7.5	10	102	124	31	35	785x360x435	125	115	160



Application&feature:

The pumps are designed for dirty pumps.
They are used for draining flood in basement and garage, farm irrigation ,pumping waste water in facotries,,breeding aquatics , mining and construction sites.
The installed float switch automatically control it on and off with the liquid level down and up.

Working Condition:

Max.submerged depth:5m
Fluid temperature up to +60°C
Max ambient temperature +40°C
liquid PH limits:6.5-8.5



Component Material

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

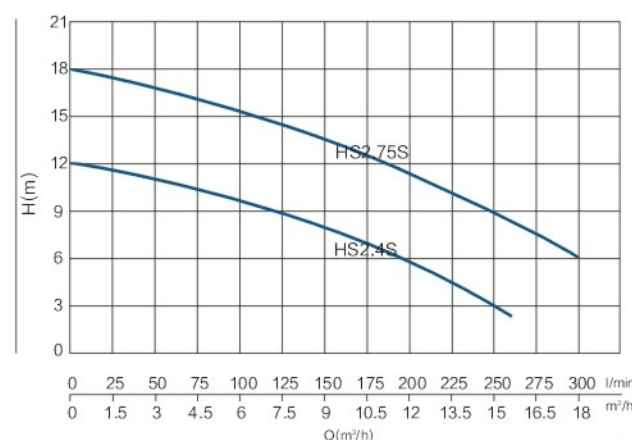
Motor Information:

- Two-pole induction motor
- Single-phase 220V/50Hz 110V,220V/60Hz
- Thermal protector for single-phase ,
- Continuous duty.
- Insulation calss: E
- Protection:IP X8

Technical Parameters:

Model	Power		Outlet	Max. Flow	Max Head	Dim	G.W
single phase	KW	Hph	inch	l/min	m	mm	Kg
HS2.4S	0.40	0.53	2"	260	12	250x210x390	14
HS2.75S	0.75	1	2"	300	18	260x230x550	16

Hydraulic Performance Curve:



Application&feature:

The pumps are designed for draining dirty water,sewage reflux water and water mixed with mud,liquids containing air or gas,as well as treated and putrid mud.
They are used in civil engineering , mines ,coals sites , sewage treatment plants and etc.

Working Condition:

Max submerged depth:25m
Fluid temperature up to +60°C
Max ambient temperature +40°C

Component Material

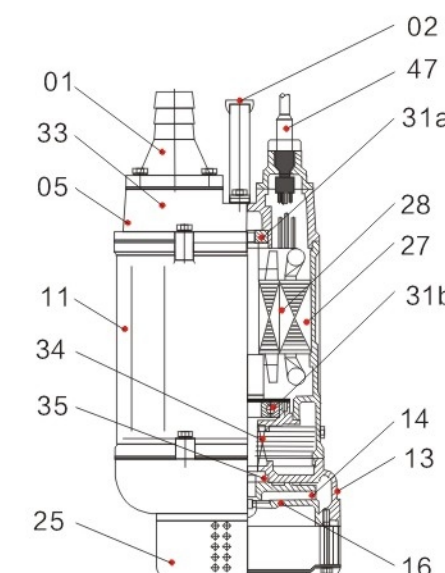
Component	Material
Pump body	Cast iron
Motor bracket	Cast iron
Impeller	Cast iron
Motor shaft	CS#45 or SS304
Mechanical seal	Ceramic-graphite
Bearing	Normal or NSK

Motor Information:

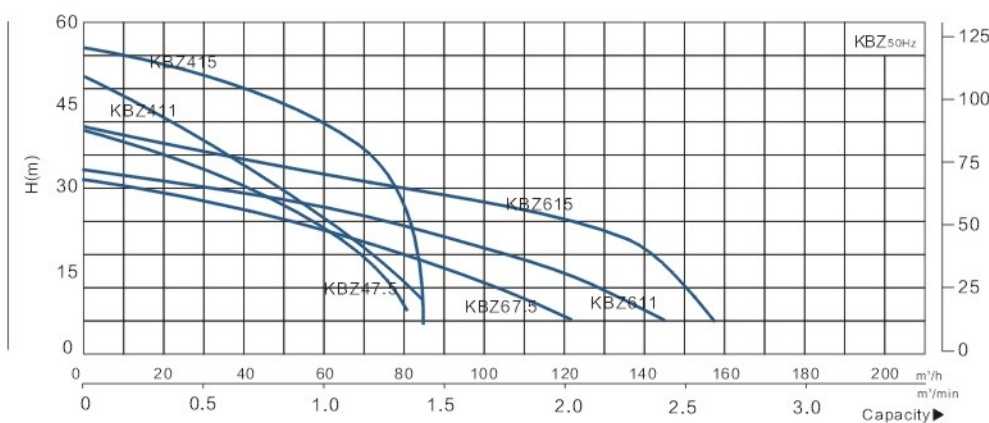
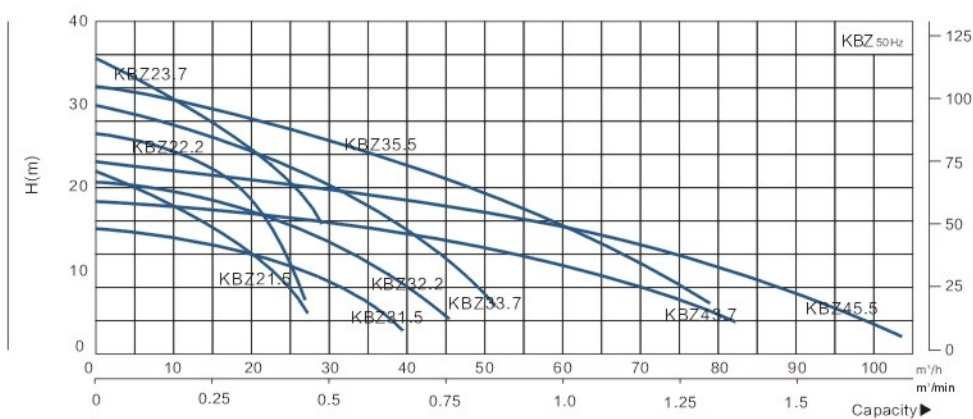
- Two-pole induction motor
- Single-phase 220V/50Hz 220V/60Hz 110V/60Hz
- Three-phase 380V/50Hz,60Hz
- Thermal protector for single phase .
- Continuous duty.
- Insulation calss: F
- Protection:IP X8

Technical Parameters:

Ltem No.	Part name	Material	Ltem No	Part name	Material
01	Hose coupling	Cast iron	28	Rotor	Shaft:AISI420SS
02	Handle	Rubber&steel	31a	bearing	Ball bearing
05	Upper cover	Cast iron	31b	bearing	Ball bearing
11	Motor body	Cast iron	33	Motor protector	
13	Pump body	Cast iron	34	Mechanical seal	Sic-Sic/Carbon-Sic(<2.2kW) Sic-Sic/Sic-Sic(>3.7kW)
14	Impeller	High chrome alloy	35	Oil seal	
16	inlet plate	Ductile iron	47	Cable	
25	Strainer	Steel			
27	Stator				



Hydraulic Performance Curve:



Technical Parameters:

Model(50Hz)	Outlet	Motor power		Max head	Max capacity		Impeller passage	N.W	G.W	Packing dimension
	mm	KW	HP	m	m³/h	m³/min	mm	kg	kg	mm
KBZ21.5	50	1.5	2	22	27.0	0.45	8.5	34.5	37.5	585X270X270
KBZ22.2	50	2.2	3	26.0	27.0	0.45	8.5	36	39	585X270X270
KBZ23.7	50	3.7	5	34.0	29.0	0.48	8.5	60	65	685X325X300
KBZ31.5	80	1.5	2	14.5	40.0	0.67	8.5	34.5	37	585X270X270
KBZ32.2	80	2.2	3	21.0	50.0	0.83	8.5	36	39	585X270X270
KBZ33.7	80	3.7	5	29.0	55.0	0.92	8.5	60	65	685X325X300
KBZ35.5	80	5.5	7.5	32.0	70.0	1.17	8.5	77	84	725X355X370
KBZ43.7	100	3.7	5	18.0	90.0	1.50	8.5	61	66	685X325X300
KBZ45.5	100	5.5	7.5	23.0	105.0	1.75	8.5	78	85	725X355X370
KBZ47.5	100	7.5	10	40.0	84.0	1.40	11.5	105	114	805X365X390
KBZ411	100	11	15	48.5	86.4	1.44	11.5	130	140	855X415X440
KBZ415	100	15	20	56.0	86.4	1.44	11.5	142	153	895X415X440
KBZ67.5	150	7.5	10	31.0	124.8	2.08	19.5	106	114	835X365X390
KBZ611	150	11	15	32.0	147.0	2.45	19.5	133	143	855X415X440
KBZ615	150	15	20	40.0	156.0	2.60	19.5	145	158	895X415X440

Application:

The pumps are for pumping clean water without abrasive particles and liquids that are chemically non-aggressive to the materials of which the pump is made of. They are mainly used for welling pumping, river pumping, farm irrigation, water supply and etc

Working Condition:

Max.submerged depth: 15m
Fluid temperature up to +40℃
Max ambient temperature +40℃
Mini well Diameter: 4"

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

Motor&Pump:

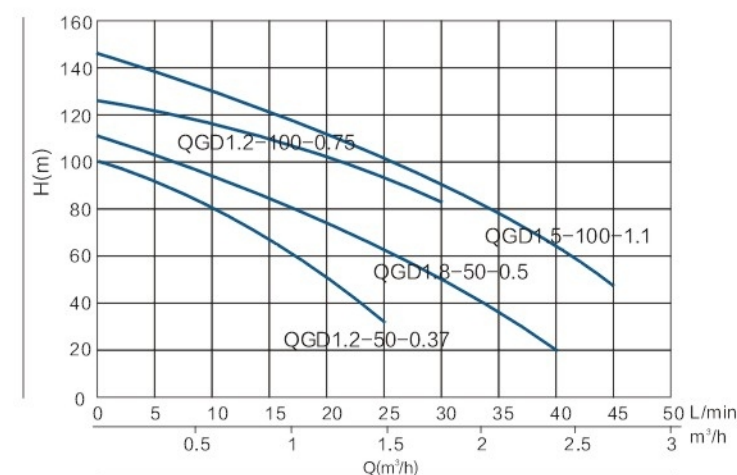
- Rewindable motor
- Single-phase: 220V-240V/50Hz, 60Hz
- Three-phase: 380V-415V/50Hz, 60Hz
- Thermal protector for single-phase
- Continuous duty
- Insulation: E
- Protection: IP X8

Technical Parameters:

Model	Volt.	Freq.	Power		Rated Flow	Rated Head	Outlet size
	V	Hz	KW	HP	m³/h	m	inch
QGD1.2-50-0.37	220	50	0.37	0.5	1.2	50	1"
QGD1.8-50-0.5	220	50	0.5	0.7	1.8	50	1"
QGD1.2-100-0.75	220	50	0.75	1	1.2	100	1"
QGD1.5-100-1.1	220	50	1.1	1.5	1.5	100	1"



Hydraulic Performance Curve:



Application:

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

Motor and pump:

- Rewindable motor
- Single-phase: 220–240V/50Hz
- Three-phase: 380–415V/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 60Hz
- Single phase motor with built-in capacitor

Warranty: 2 years

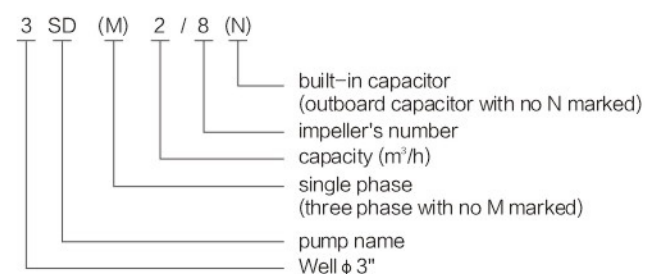
(according to our general sales conditions)

Operating Conditions:

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

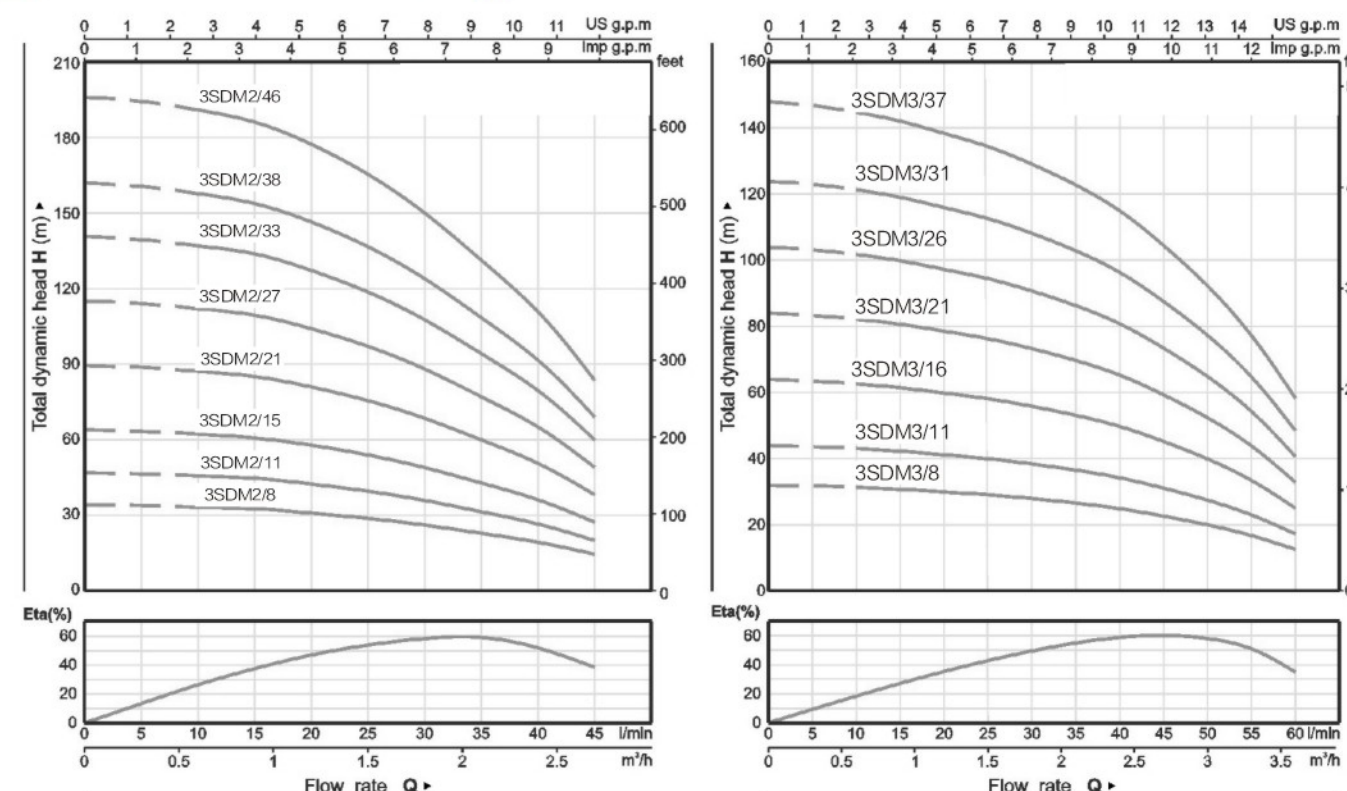


Model Implication:



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

Hydraulic Performance Curve:



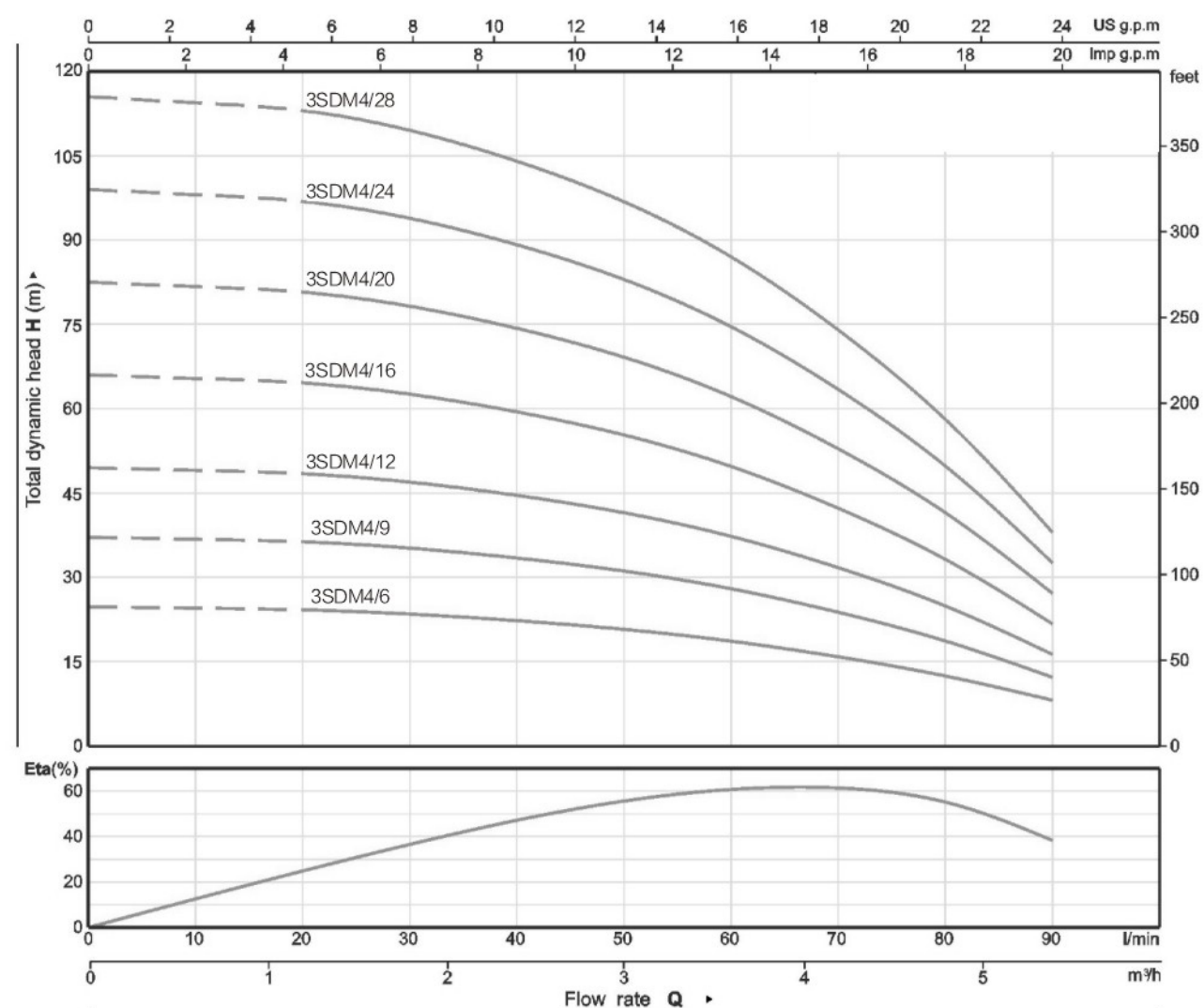
Technical Parameters:

PERFORMANCE DATA 50Hz

Model		P2		DELIVERY n=2850 1/min										
1~220-240V	3~380-415V	KW	HP	Q m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
					0	5	10	15	20	25	30	35	40	45
3SDM2/8	3SD2/8	0.18	0.25	H(m)	34	34	33	33	31	29	26	23	19	14
3SDM2/11	3SD2/11	0.25	0.33		47	46	45	45	43	40	36	32	27	20
3SDM2/15	3SD2/15	0.37	0.5		64	63	62	61	58	54	49	43	36	27
3SDM2/21	3SD2/21	0.55	0.75		89	89	87	85	81	76	68	60	51	38
3SDM2/27	3SD2/27	0.75	1		115	114	112	110	104	97	88	77	65	49
3SDM2/33	3SD2/33	0.92	1.25		141	139	136	134	128	119	108	95	80	60
3SDM2/38	3SD2/38	1.1	1.5		162	160	157	154	147	137	124	109	92	69
3SDM2/46	3SD2/46	1.5	2		196	194	190	187	178	166	150	132	111	83

Model		P2		DELIVERY n=2850 1/min														
1~220-240V	3~380-415V	KW	HP	Q m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	
					0	5	10	15	20	25	30	35	40	45	50	55	60	
3SDM3/8	3SD3/8	0.25	0.33	H(m)	32	32	32	31	30	29	28	27	26	23	20	16	12	
3SDM3/11	3SD3/11	0.37	0.5		44	44	43	43	41	40	39	37	35	31	27	22	16	
3SDM3/16	3SD3/16	0.55	0.75		64	64	63	62	60	59	56	54	51	45	39	32	23	
3SDM3/21	3SD3/21	0.75	1		85	84	83	81	79	77	74	70	67	60	52	43	31	
3SDM3/26	3SD3/26	0.92	1.25		105	104	103	100	98	96	91	87	83	74	64	53	38	
3SDM3/31	3SD3/31	1.1	1.5		125	124	122	120	116	114	109	104	99	88	76	63	45	
3SDM3/37	3SD3/37	1.5	2		149	148	146	143	139	136	130	124	118	105	91	75	54	

Hydraulic Performance Curve:



Technical Parameters:

PERFORMANCE DATA 50Hz

Model		P2		Q m³/h l/min	DELIVERY n=2850 1/min									
1~220~240V	3~380~415V	KW	HP		0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
3SDM4/6	3SD4/6	0.25	0.33	H(m)	0	10	20	30	40	50	60	70	80	90
3SDM4/9	3SD4/9	0.37	0.5		25	25	24	23	22	21	19	16	13	8
3SDM4/12	3SD4/12	0.55	0.75		37	37	36	35	33	32	28	24	19	12
3SDM4/16	3SD4/16	0.75	1		49	49	48	47	45	42	37	32	25	15
3SDM4/20	3SD4/20	0.92	1.25		66	66	65	62	59	56	50	42	34	21
3SDM4/24	3SD4/24	1.1	1.5		82	82	81	78	74	70	62	53	42	25
3SDM4/28	3SD4/28	1.5	2		99	99	97	93	89	84	75	63	51	31
					115	115	113	109	104	98	87	74	59	36

Application:

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

Operating Conditions:

- Maximum fluid temperature up to +35°C
- Maximum sand content: 0.25%
- Minimum well diameter: 4"

Motor and pump:

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

Options on request:

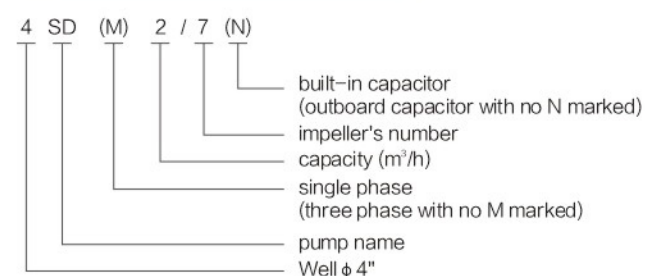
- Special mechanical seal
- Other voltages or frequency 60Hz
- Single phase motor with built in capacitor

Warranty: 2 years

(according to our general sales conditions)

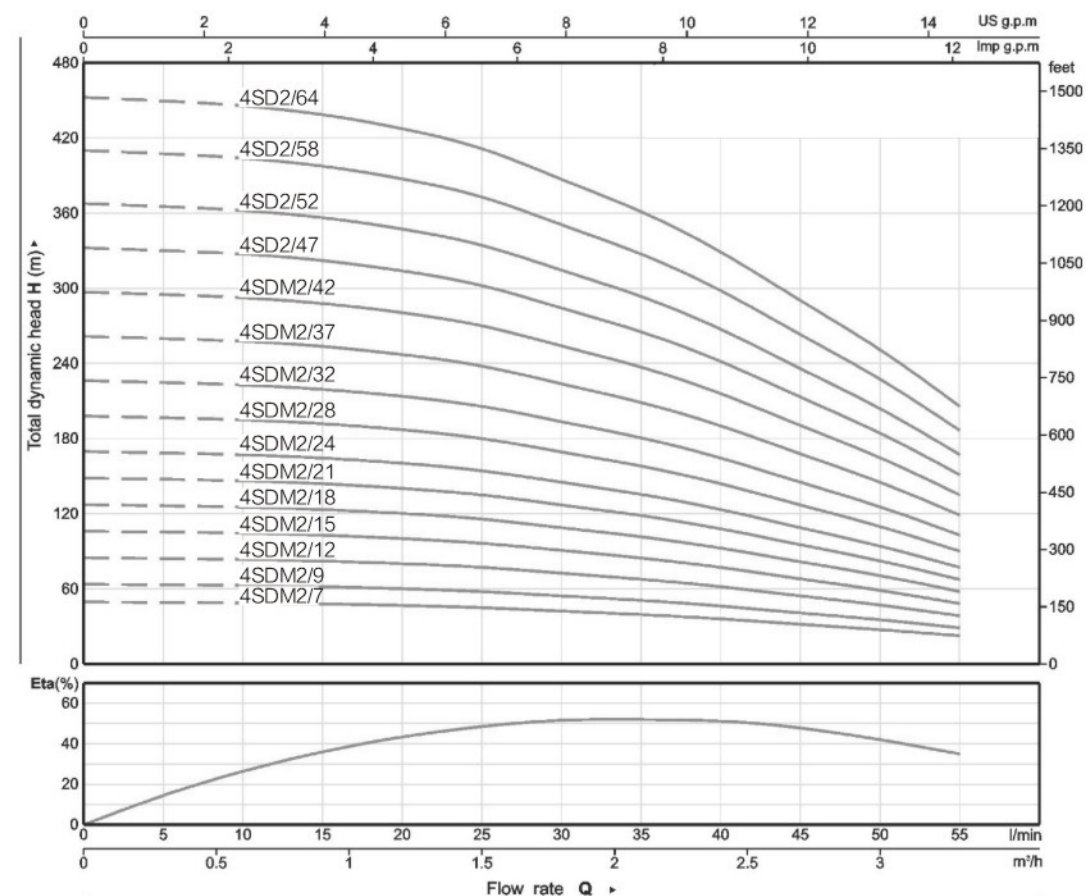


Model Implication:



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM C85500 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 420 SS ③ Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

Hydraulic Performance Curve:

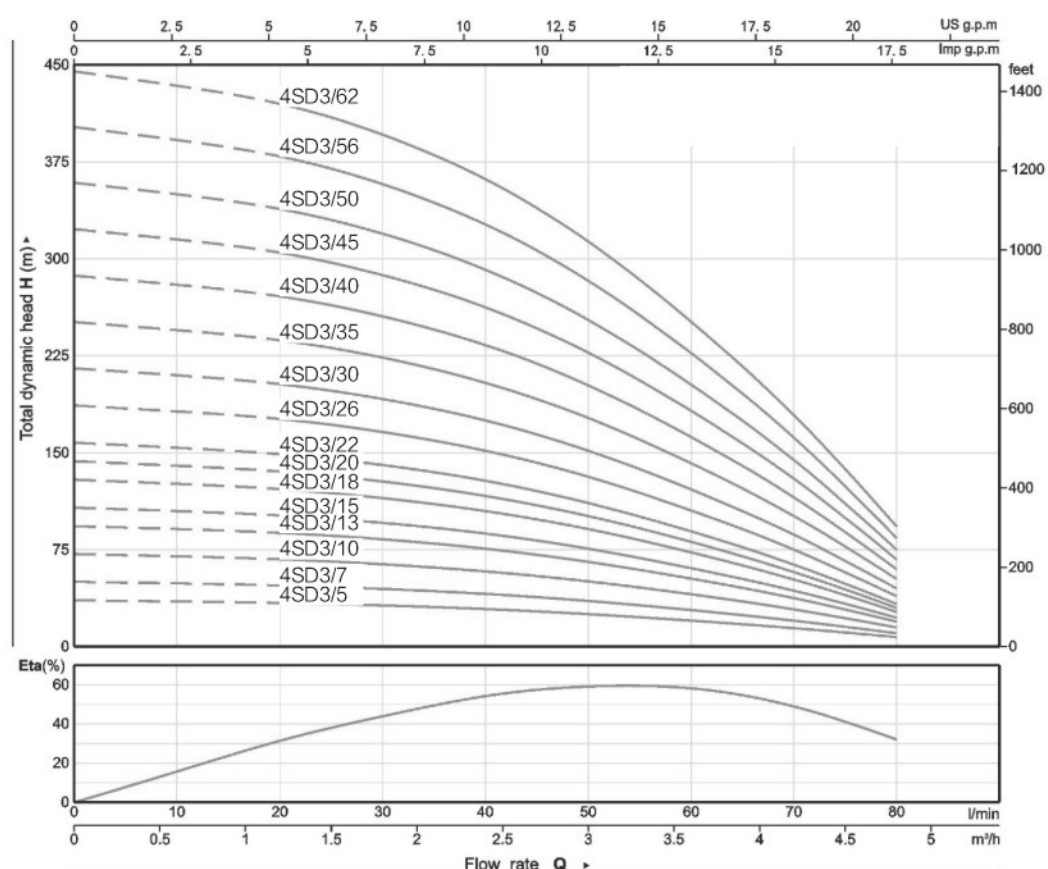


Technical Parameters:

PERFORMANCE DATA 50Hz

Model		P2		DELIVERY																
				n=2850 1/min																
1~220-240V	3~380-415V	KW	HP	Q m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3				
					0	5	10	15	20	25	30	35	40	45	50	55				
4SDM2/7	4SD2/7	0.25	0.33	H(m)	50	49	49	48	47	45	42	39	36	32	27	22				
4SDM2/9	4SD2/9	0.37	0.5		64	63	63	62	60	58	54	51	47	41	35	29				
4SDM2/12	4SD2/12	0.55	0.75		85	84	84	83	80	77	72	68	62	54	47	38				
4SDM2/15	4SD2/15	0.75	1		106	105	105	103	100	96	90	85	78	68	59	48				
4SDM2/18	4SD2/18	0.92	1.25		127	126	125	124	120	116	108	102	93	82	71	58				
4SDM2/21	4SD2/21	1.1	1.5		149	147	146	145	140	135	126	118	109	95	82	67				
4SDM2/24	4SD2/24	1.3	1.75		170	168	167	165	160	154	144	135	124	109	94	77				
4SDM2/28	4SD2/28	1.5	2		198	196	195	193	187	180	168	158	145	127	110	90				
4SDM2/32	4SD2/32	1.8	2.5		227	224	223	221	214	206	192	181	166	145	126	103				
4SDM2/37	4SD2/37	2.2	3		262	259	258	255	247	238	222	209	191	168	145	119				
4SDM2/42	4SD2/42	2.6	3.5		297	294	293	289	280	270	252	237	217	190	165	135				
	4SD2/47	3	4		333	329	328	324	314	302	282	265	243	213	184	151				
	4SD2/52	3.7	5		368	364	362	358	347	334	312	293	269	236	204	167				
	4SD2/58	4	5.5		411	406	404	400	387	372	348	327	300	263	227	186				
	4SD2/64	5	7		453	448	446	441	427	411	384	361	331	290	251	205				

Hydraulic Performance Curve:

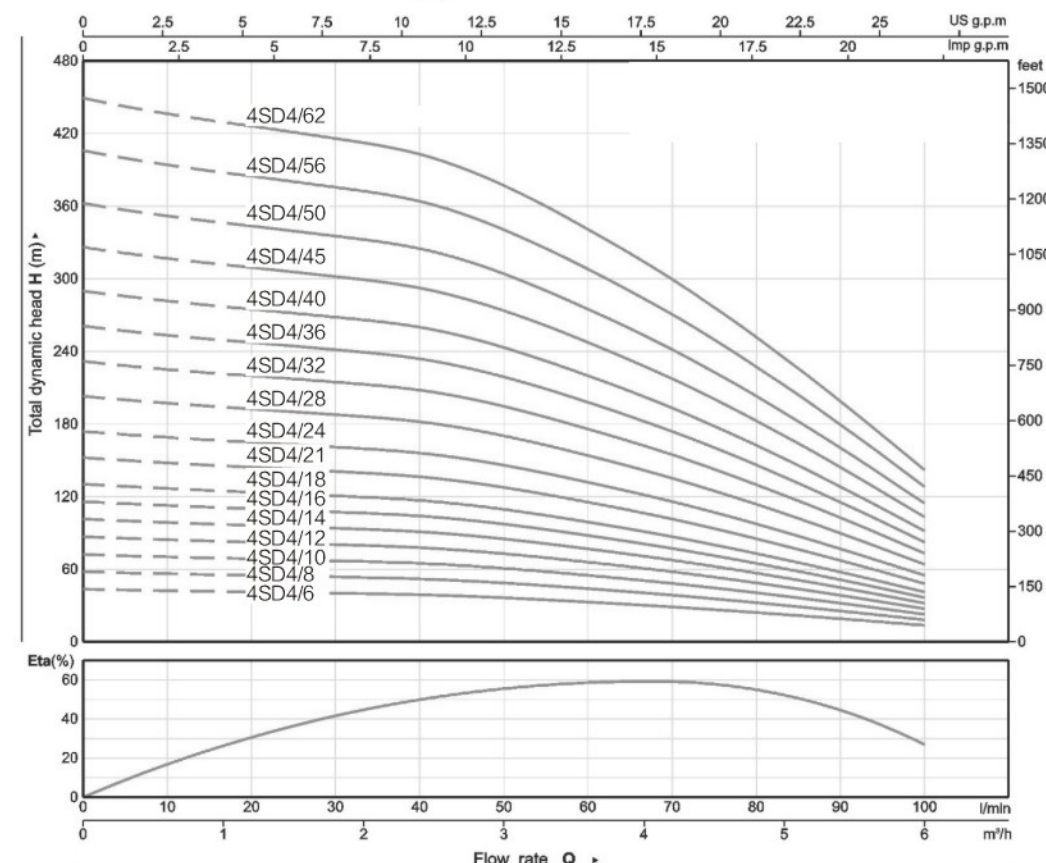


Technical Parameters:

PERFORMANCE DATA 50Hz

Model		P2		DELIVERY										n=2850 1/min			
1~220~240V	3~380~415V	KW	HP	Q m³/h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8				
					0	10	20	30	40	50	60	70	80				
4SDM3/5	4SD3/5	0.25	0.33	H(m)	36	35	34	32	29	25	20	14	7				
4SDM3/7	4SD3/7	0.37	0.5		50	49	47	45	41	35	28	20	10				
4SDM3/10	4SD3/10	0.55	0.75		72	70	68	64	58	50	40	29	15				
4SDM3/13	4SD3/13	0.75	1		93	91	88	83	76	66	53	38	19				
4SDM3/15	4SD3/15	0.92	1.25		108	105	102	96	88	76	61	43	22				
4SDM3/18	4SD3/18	1.1	1.5		129	126	122	115	105	91	73	52	27				
4SDM3/20	4SD3/20	1.3	1.75		144	140	135	128	117	101	81	58	30				
4SDM3/22	4SD3/22	1.5	2		158	154	149	141	128	111	89	64	33				
4SDM3/26	4SD3/26	1.8	2.5		187	182	176	166	152	131	105	75	39				
4SDM3/30	4SD3/30	2.2	3		215	210	203	192	175	151	121	87	45				
4SDM3/35	4SD3/35	2.6	3.5		251	245	237	224	204	177	142	101	52				
	4SD3/40	3	4		287	280	271	255	234	202	162	115	60				
	4SD3/45	3.7	5		323	315	305	287	263	227	182	130	67				
	4SD3/50	4	5.5		359	350	339	319	292	252	202	144	75				
	4SD3/56	5	7		402	392	379	358	327	283	227	162	84				
	4SD3/62	5.5	7.5		445	434	420	396	362	313	251	179	93				

Hydraulic Performance Curve:

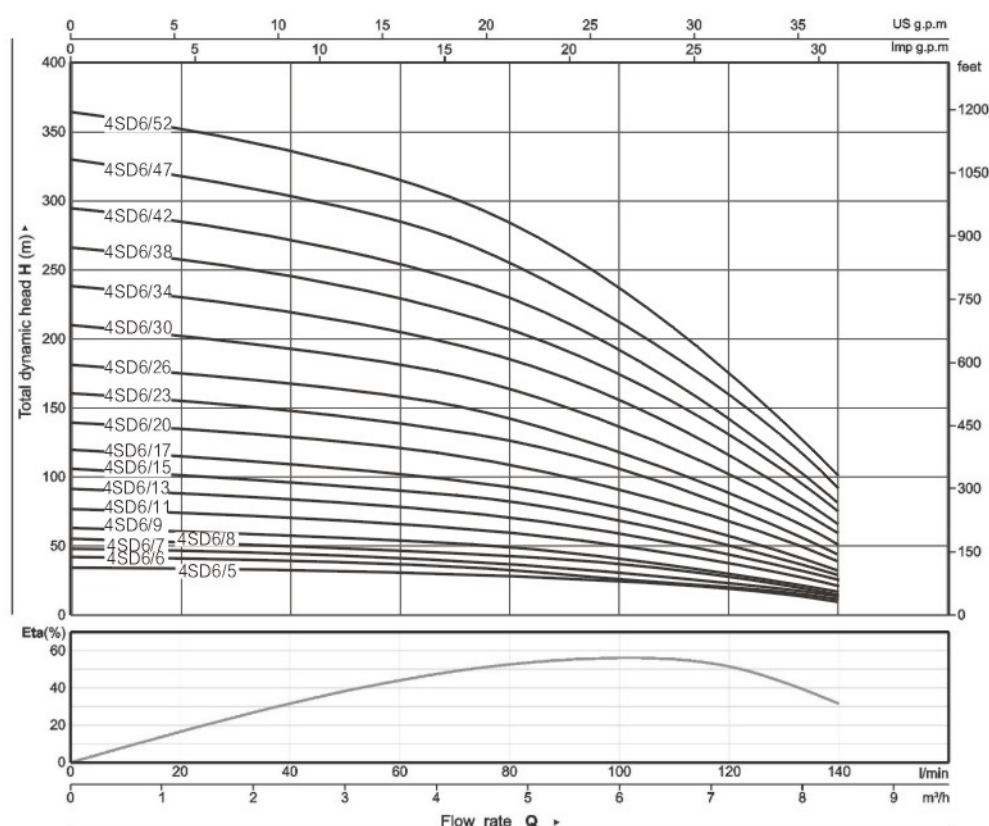


Technical Parameters:

PERFORMANCE DATA 50Hz

Model		P2		DELIVERY												n=2850 1/min			
1~220~240V	3~380~415V	KW	HP	Q m³/h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0				
					0	10	20	30	40	50	60	70	80	90	100				
4SDM4/6	4SD4/6	0.37	0.5	H(m)	44	42	41	40	39	36	33	29	24	19	14				
4SDM4/8	4SD4/8	0.55	0.75		58	56	55	54	52	49	44	39	33	26	18				
4SDM4/10	4SD4/10	0.75	1		73	70	69	67	65	61	55	48	41	32	23				
4SDM4/12	4SD4/12	0.92	1.25		87	84	82	81	78	73	66	58	49	39	27				
4SDM4/14	4SD4/14	1.1	1.5		102	98	96	94	91	85	77	68	57	45	32				
4SDM4/16	4SD4/16	1.3	1.75		116	113	110	107	104	97	88	77	65	51	37				
4SDM4/18	4SD4/18	1.5	2		131	127	124	121	117	109	99	87	73	58	41				
4SDM4/21	4SD4/21	1.8	2.5		152	148	144	141	136	128	115	102	85	67	48				
4SDM4/24	4SD4/24	2.2	3		174	169	165	161	156	146	132	116	98	77	55				
4SDM4/28	4SD4/28	2.6	3.5		203	197	192	188	182	170	154	135	114	90	64				
	4SD4/32	3	4		232	225	220	215	208	195	176	155	130	103	73				
	4SD4/36	3.7	5		261	253	247	242	234	219	198	174	146	116	82				
	4SD4/40	4	5.5		290	281	275	268	260	243	220	194	163	128	92				
	4SD4/45	5	7		327	316	309	302	293	274	248	218	183	144	103				
	4SD4/50	5.5	7.5		363	352	344	335	325	304	275	242	203	160	115				
	4SD4/56	7	10		406	394	385	376	364	341	308	271	228	180	128				
	4SD4/62	7.5	10		450	436	426	416	403	377	341	300	252	199	142				

Hydraulic Performance Curve:

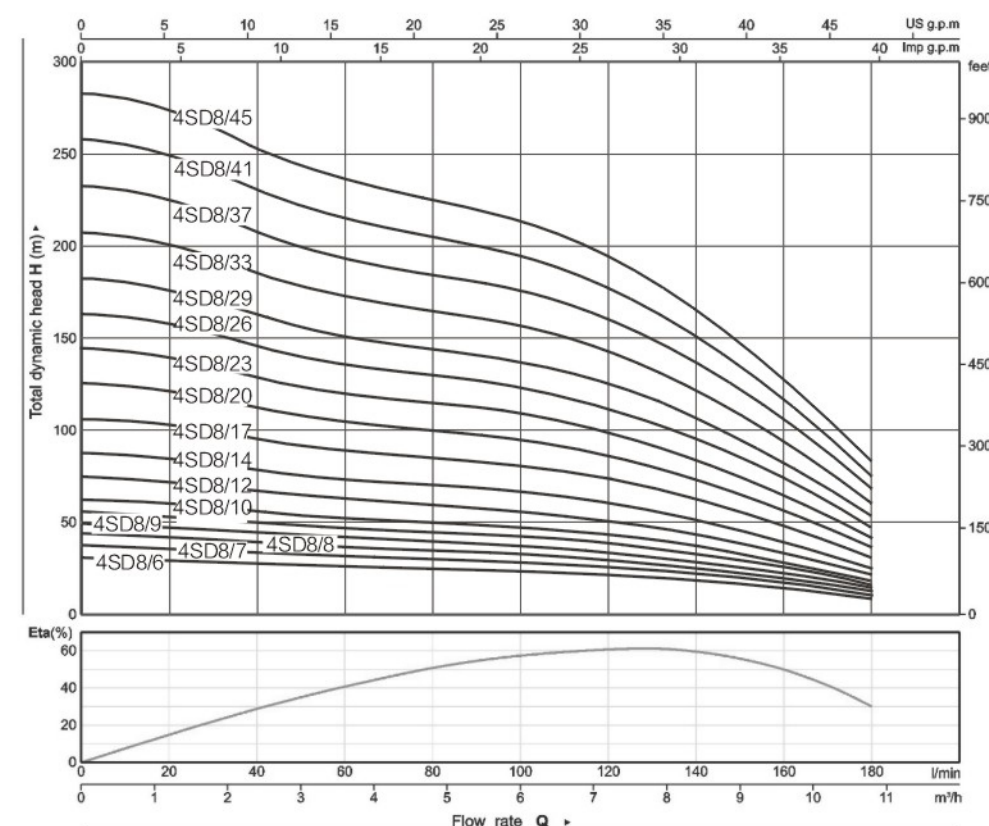


Technical Parameters:

PERFORMANCE DATA 50Hz

Model		P2		DELIVERY								
				n=2850 1/min								
1~220-240V	3~380-415V	KW	HP	Q m³/h l/min	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4
					0	20	40	60	80	100	120	140
4SDM6/5	4SD6/5	0.37	0.5	H(m)	35	34	32	30	27	22	17	10
4SDM6/6	4SD6/6	0.55	0.75		42	40	39	36	33	27	20	12
4SDM6/7	4SD6/7	0.75	1		49	47	45	42	38	31	24	14
4SDM6/8	4SD6/8	0.75	1		56	54	52	48	44	36	27	16
4SDM6/9	4SD6/9	0.92	1.25		63	61	58	55	49	40	31	17
4SDM6/11	4SD6/11	1.1	1.5		77	74	71	67	60	49	37	21
4SDM6/13	4SD6/13	1.3	1.75		91	88	84	79	71	58	44	25
4SDM6/15	4SD6/15	1.5	2		105	101	97	91	82	67	51	29
4SDM6/17	4SD6/17	1.8	2.5		119	114	110	103	93	76	58	33
4SDM6/20	4SD6/20	2.2	3		140	135	129	121	109	90	68	39
4SDM6/23	4SD6/23	2.6	3.5		161	155	149	139	125	103	78	45
	4SD6/26	3	4		182	175	168	158	142	117	88	51
	4SD6/30	3.7	5		210	202	194	182	163	134	102	58
	4SD6/34	4	5.5		238	229	220	206	185	152	116	66
	4SD6/38	5	7		266	256	246	230	207	170	129	74
	4SD6/42	5.5	7.5		294	283	271	254	229	188	143	82
	4SD6/47	7	10		329	316	304	285	256	211	160	91
	4SD6/52	7.5	10		364	350	336	315	283	233	177	101

Hydraulic Performance Curve:

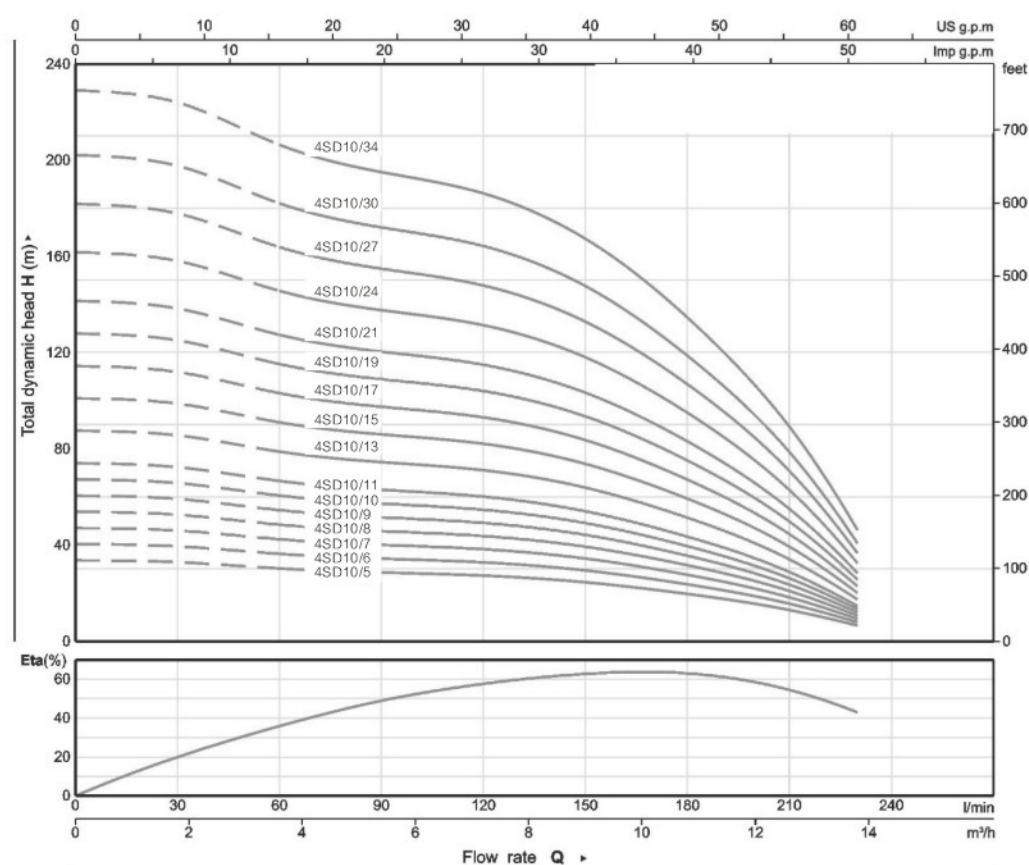


Technical Parameters:

PERFORMANCE DATA 50Hz

Model		P2		DELIVERY											n=2850 1/min		
1~220~240V	3~380~415V	KW	HP	Q m³/h l/min	1.2	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8			
					20	20	40	60	80	100	120	140	160	180			
4SDM8/5	4SD8/5	0.55	0.75	H(m)	31	31	28	26	25	24	22	18	14	9			
4SDM8/6	4SD8/6	0.75	1		37	37	33	32	30	28	26	22	17	11			
4SDM8/7	4SD8/7	0.75	1		43	43	39	37	35	33	30	26	20	13			
4SDM8/8	4SD8/8	0.92	1.25		49	49	45	42	40	38	35	30	23	15			
4SDM8/9	4SD8/9	1.1	1.5		55	55	51	47	45	43	39	33	26	17			
4SDM8/10	4SD8/10	1.3	1.75		61	61	56	53	50	48	43	37	28	18			
4SDM8/12	4SD8/12	1.5	2		73	73	67	63	60	57	52	44	34	22			
4SDM8/14	4SD8/14	1.8	2.5		86	86	79	74	70	67	61	52	40	26			
4SDM8/17	4SD8/17	2.2	3		104	104	96	90	85	81	74	63	48	31			
4SDM8/20	4SD8/20	2.6	3.5		122	122	112	105	100	95	87	74	57	37			
	4SD8/23	3	4		141	141	129	121	115	109	100	85	65	42			
	4SD8/26	3.7	5		159	159	146	137	130	124	113	96	74	48			
	4SD8/29	4	5.5		177	177	163	153	145	138	126	107	82	53			
	4SD8/33	5	7		202	202	186	174	165	157	143	122	94	61			
	4SD8/37	5.5	7.5		226	226	208	195	185	176	160	136	105	68			
	4SD8/41	7	10		251	251	231	216	205	195	178	151	117	76			
	4SD8/45	7.5	10		275	275	253	237	225	214	195	166	128	83			

Hydraulic Performance Curve:

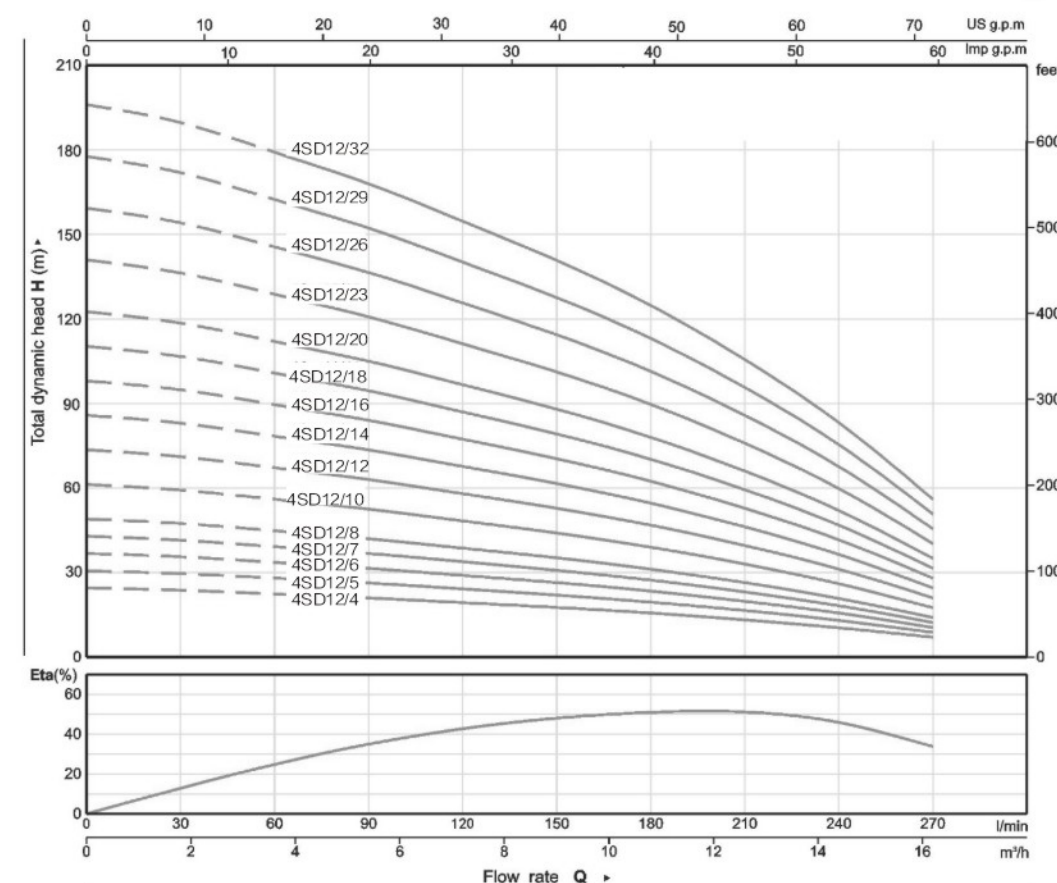


Technical Parameters:

PERFORMANCE DATA 50Hz

Model		P2		DELIVERY									
1~220~240V	3~380~415V	KW	HP	Q m³/h	n=2850 1/min								
					0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	13.8
4SDM10/5	4SD10/5	0.75	1	H(m)	0	30	60	90	120	150	180	210	230
4SDM10/6	4SD10/6	0.92	1.25		34	33	30	29	27	25	20	13	7
4SD M10/7	4SD10/7	1.1	1.5		40	40	37	34	33	29	24	16	8
4SD M10/8	4SD10/8	1.3	1.75		47	46	43	40	38	34	28	19	10
4SDM10/9	4SD10/9	1.5	2		54	53	49	46	44	39	32	21	11
4SDM10/10	4SD10/10	1.5	2		61	59	55	52	49	44	36	24	12
4SDM10/11	4SD10/11	1.8	2.5		67	66	61	57	55	49	40	26	14
4SDM10/13	4SD10/13	2.2	3		74	72	67	63	60	54	44	29	15
4SDM10/15	4SD10/15	2.6	3.5		88	86	79	75	71	64	52	34	18
	4SD10/17	3	4		101	99	91	86	82	74	60	40	21
	4SD10/19	3.7	5		115	112	104	97	93	83	67	45	23
	4SD10/21	4	5.5		128	125	116	109	104	93	75	50	26
	4SD10/24	5	7		141	138	128	120	115	103	83	56	29
	4SD10/27	5.5	7.5		162	158	146	138	131	118	95	64	33
	4SD10/30	7	10		182	178	164	155	148	133	107	71	37
	4SD10/34	7.5	10		202	198	183	172	164	147	119	79	41
					229	224	207	195	186	167	135	90	47

Hydraulic Performance Curve:

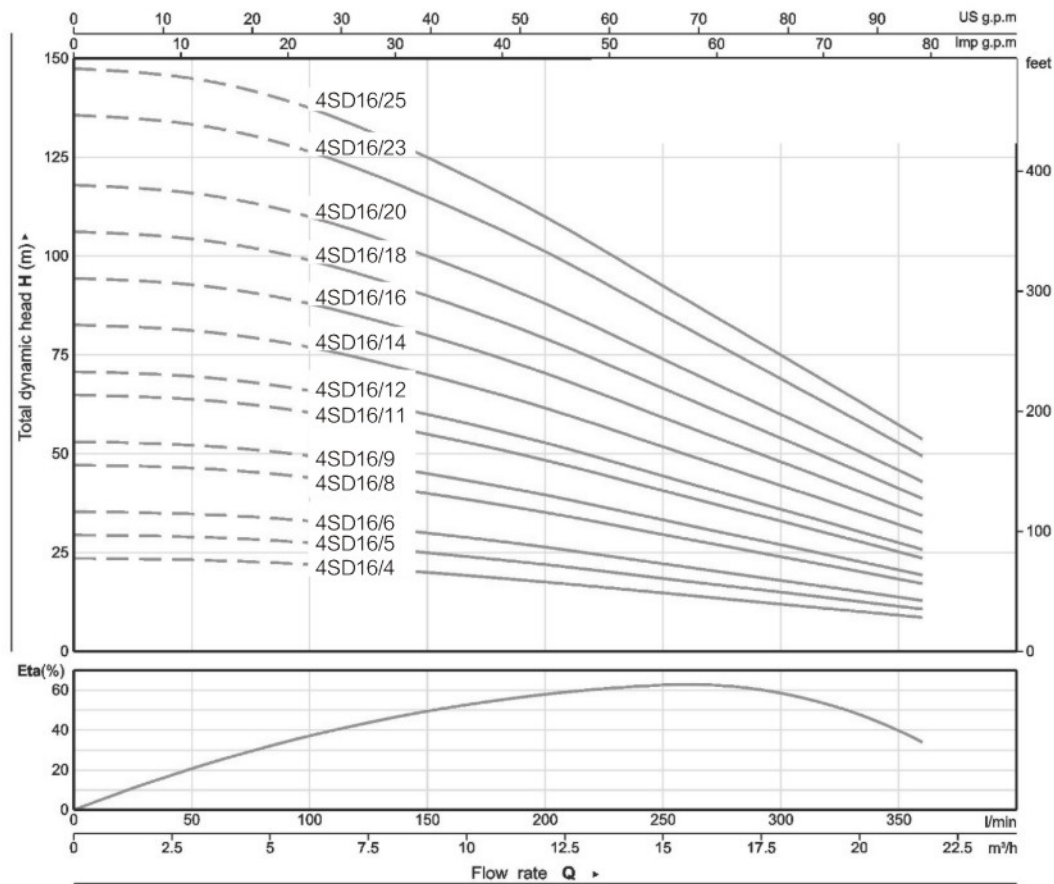


Technical Parameters:

PERFORMANCE DATA 50Hz

Model		P2		DELIVERY									
1~220~240V	3~380~415V	KW	HP	Q m³/h	n=2850 1/min								
					0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4
4SDM12/4	4SD12/4	0.75	1	H(m)	0	30	60	90	120	150	180	210	240
4SDM12/5	4SD12/5	0.92	1.25		25	24	22	21	19	18	16	13	10
4SDM12/6	4SD12/6	1.1	1.5		31	30	28	26	24	22	20	17	13
4SDM12/7	4SD12/7	1.3	1.75		37	36	34	31	29	26	23	20	16
4SDM12/8	4SD12/8	1.5	2		43	42	39	36	34	31	27	23	18
4SDM12/10	4SD12/10	1.8	2.5		49	48	45	42	39	35	31	27	21
4SDM12/12	4SD12/12	2.2	3		61	59	56	52	48	44	39	33	26
4SDM12/14	4SD12/14	2.6	3.5		74	71	67	62	58	53	47	40	31
	4SD12/16	3	4		86	83	78	73	67	62	55	46	36
	4SD12/18	3.7	5		98	95	90	83	77	71	63	53	42
	4SD12/20	4	5.5		110	107	101	93	87	79	70	60	47
	4SD12/23	5	7		123	119	112	104	96	88	78	66	52
	4SD12/26	5.5	7.5		141	137	129	119	111	101	90	76	60
	4SD12/29	7	10		159	154	145	135	125	115	102	86	67
	4SD12/32	7.5	10		178	172	162	150	140	128	113	96	75
					196	190	179	166	154	141	125	106	83

Hydraulic Performance Curve:



Technical Parameters:

Model		P2		DELIVERY									
				n=2850 1/min									
1~220~240V	3~380~415V	KW	HP	Q m³/h l/min	0	3	6	9	12	15	18	21	
					0	50	100	150	200	250	300	350	
4SDM16/4	4SD16/4	1.1	1.5	H(m)	24	23	22	20	18	15	12	9	
4SDM16/5	4SD16/5	1.3	1.75		30	29	28	25	22	19	15	11	
4SDM16/6	4SD16/6	1.5	2		36	35	33	30	26	22	18	13	
4SDM16/8	4SD16/8	1.8	2.5		47	46	44	40	35	30	24	17	
4SDM16/9	4SD16/9	2.2	3		53	52	50	45	40	33	27	19	
4SDM16/11	4SD16/11	2.6	3.5		65	64	61	55	48	41	33	24	
	4SD16/12	3	4		71	70	66	60	53	45	36	26	
	4SD16/14	3.7	5		83	81	77	70	62	52	42	30	
	4SD16/16	4	5.5		95	93	88	80	70	60	48	35	
	4SD16/18	5	7		107	104	99	90	79	67	54	39	
	4SD16/20	5.5	7.5		118	116	110	100	88	74	60	43	
	4SD16/23	7	10		136	133	127	115	101	86	69	50	
	4SD16/25	7.5	10		148	145	138	125	110	93	75	54	

PERFORMANCE DATA 50Hz

Typical applications:

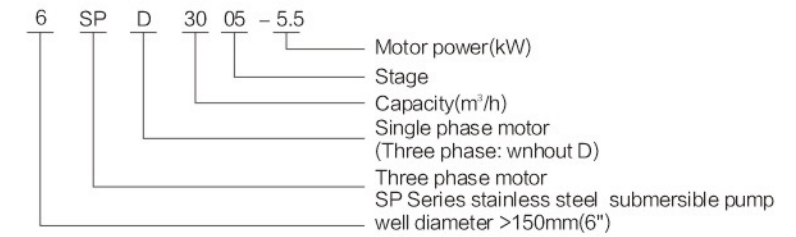
Water supply system
Booster
Garden and farm irrigation
Lowering underground water level
Various industrial applications

Pump /Motor

NEMA: standard
Q max: 47 (m³/h)
Insulation class: F
Protection grade: IP 68
Maximum diameter: ϕ 143mm
Highest temperature of liquid: 35°C



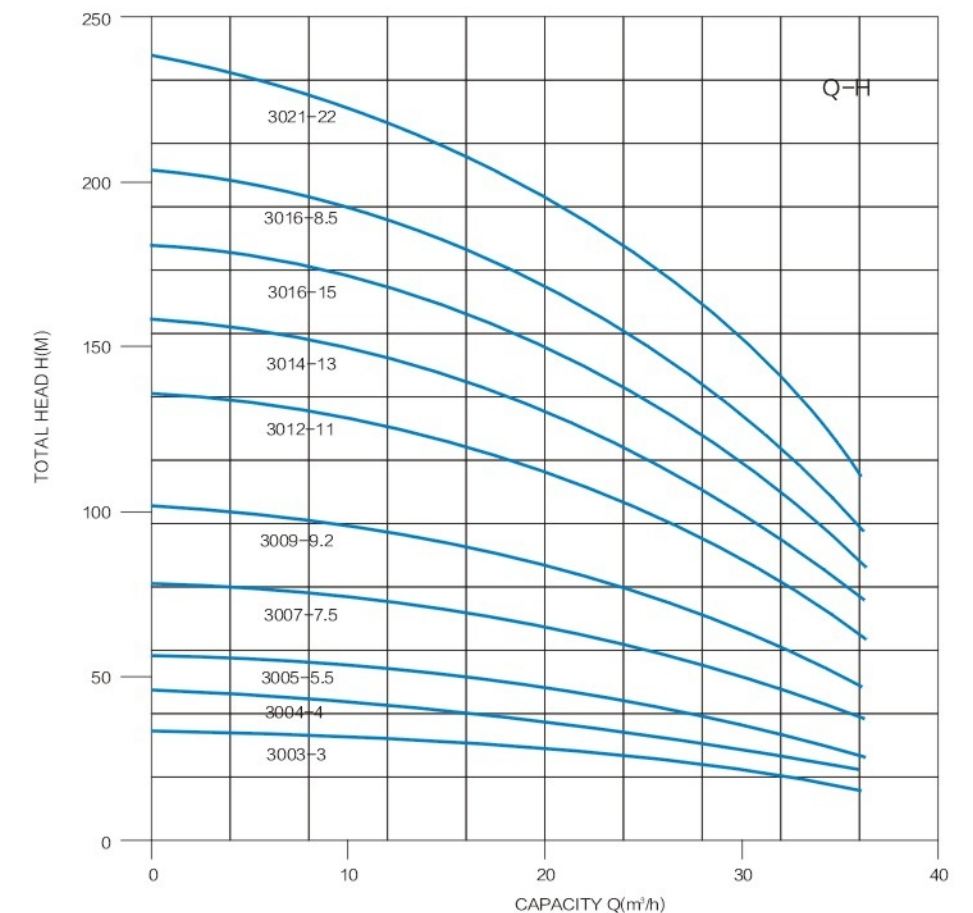
Model Implication:



PERFORMANCE TABLE:

rpm:2850 Outlet:G3"

Type		Motor power		Capacity and head							Length (mm)
Single phase 220–240V– 50Hz	Three phase 380– 415V– 50Hz			L/min	0	267	333	400	500	600	
		kW	HP	m³/h	0	16	20	24	30	36	
6SPD3003–3	6SP3003–3	3	4	Head (m)	34	30	28	26	22	16	1075
6SPD3004–4	6SP3004–4	4	5.5		46	40	37	34	29	21	1162
6SPD3005–5.5	6SP3005–5.5	5.5	7.5		57	50	46	43	36	26	1253
6SPD3007–7.5	6SP3007–7.5	7.5	10		79	70	65	60	51	37	1416
	6SP3009–9.2	9.2	12.5		102	90	83	77	65	47	1539
	6SP3012–11	11	15		136	120	111	102	87	63	1748
	6SP3014–13	13	17.5		159	140	130	119	102	74	1901
	6SP3016–15	15	20		181	160	148	136	116	84	2074
	6SP3018–18.5	18.5	25		204	180	167	153	131	95	2267
	6SP3021–22	22	30		238	210	194	178	152	110	2522



Typical applications:

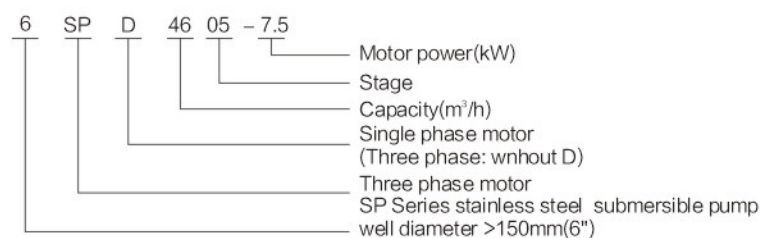
Water supply system
Booster
Garden and farm irrigation
Lowering underground water level
Various industrial applications

Pump /Motor

NEMA: standard
Q max: 72 (m³/h)
Insulation class; F
Protection grade: IP 68
Maximum diameter: ϕ 143mm
Highest temperature of liquid: 35°C



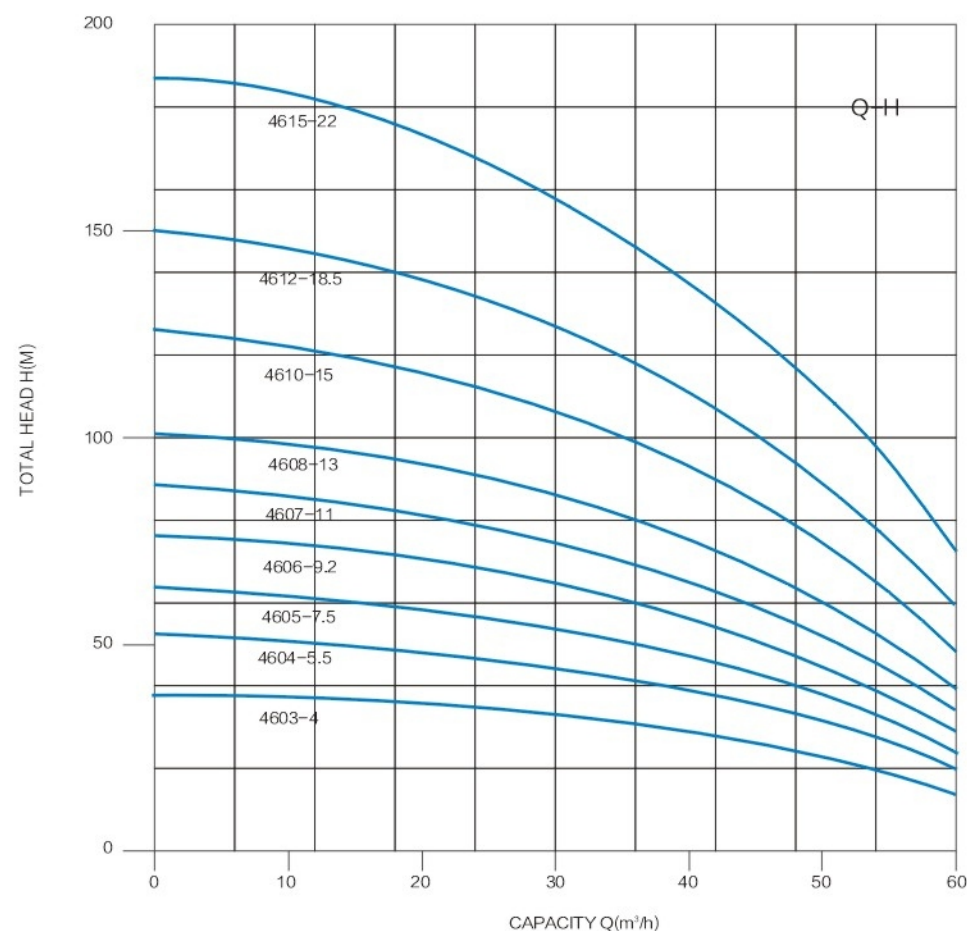
Model Implication:



PERFORMANCE TABLE:

rpm:2850 Outlet:G3"

Type		Motor power		Capacity and head							Length (mm)
Single phase 220–240V– 50Hz	Three phase 380– 415V– 50Hz			L/min	0	400	500	767	900	1000	
		kW	HP	m³/h	0	24	30	46	54	60	
6SPD4603–4	6SP4603–4	4	5.5	Head (m)	38	34	32	25	19	15	1274
6SPD4604–5.5	6SP4604–5.5	5.5	7.5		51	45	43	33	25	20	1422
6SPD4605–7.5	6SP4605–7.5	7.5	10		64	56	53	41	32	24	1585
	6SP4606–9.2	9.2	12.5		76	67	64	49	38	29	1708
	6SP4607–11	11	15		89	79	74	58	45	34	1861
	6SP4608–13	13	17.5		102	90	85	66	51	39	2014
	6SP4610–15	15	20		127	112	106	82	64	49	2300
	6SP4612–18.5	18.5	25		150	135	127	99	77	59	2606
	6SP4615–22	22	30		187	168	158	123	96	73	3030



Application:

- For pumping clean water with sand content less than 150g/m³.
- For well pumping, river pumping, farm irrigation, water supply, mining, drainage in breeding industry.

Operating Conditions:

- Submersible depth: 15m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 4".

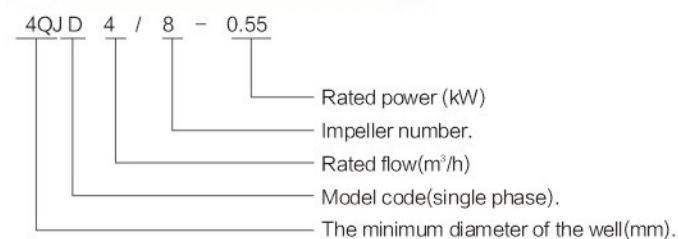
Material:

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Motor shaft: Cs45#.
- Pump shaft: CS40Cr.
- Mechanical seal: Graphite-Ceramic.
- Impeller: POM.
- Coupling and outlet: Cast iron with electrophoretic paint.

Motor:

- 2 pole induction motor.
- Single-phase/Three-phase: 220V 50Hz.
- Dry function motor.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1.5".

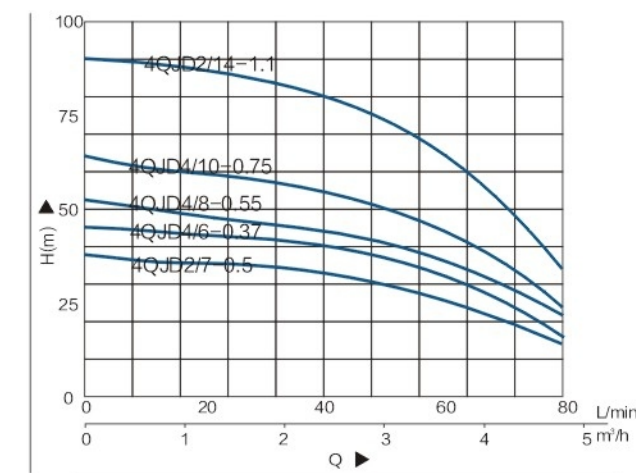
Model Implication:



Technical Parameters:

Model	Power		Outlet (Inch)	Flow						Dim.(mm)
Single-Phase	KW	HP		m³/h	0	1.2	2.4	3.6	4.8	Single- Phase
				l/min	0	20	30	40	60	
4QJD2/7-0.5	0.5	0.7	1.5"	H(m)	45	43	40	33	17	200x115x755
4QJD4/6-0.37	0.37	0.5	1.5"		43	36	31	26	15	200x115x710
4QJD4/8-0.55	0.55	0.75	1.5"		57	48	44	37	22	200x115x795
4QJD4/10-0.75	0.75	1.0	1.5"		71	59	55	45	25	200x115x885
4QJD2/14-1.1	1.1	1.5	1.5"		100	87	80	65	34	200x115x1095

Hydraulic Performance Curve:



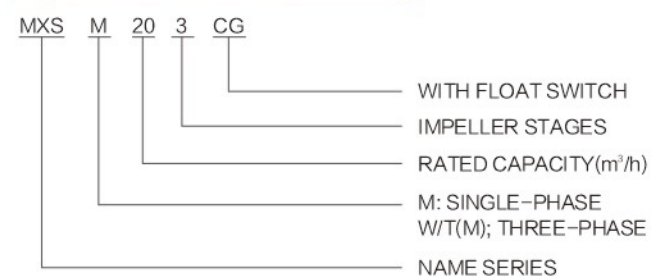
Application:

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

Specification:

- Insulation class: F
- Protection class: Ip68
- Water temperature up to 35°C
- Minimum internal diameter of well: 132mm
- Minimum immersion depth: 100mm
- Maximum immersion depth: 20m (with suitable cable length)
- Continuous duty
- Power: single-phase: 0.55 kW~ 1.5kW
three-phase: 0.55 kW~ 1.5kW
- Power supply:
MXSM: single phase 230v+10%, 50Hz; 220V+10%, 60Hz;
Control box with capacitor. And thermal device; Float switch (on demand)
- MXS: three phase 230v+10%, 50Hz; 220V± 10%, 60Hz;
three phase 400v+10%, 50Hz; 380V+10%, 60Hz;
- Cable length: 15m

Model Implication:



Special features on request:

- Other voltages
- The length of cable is optional



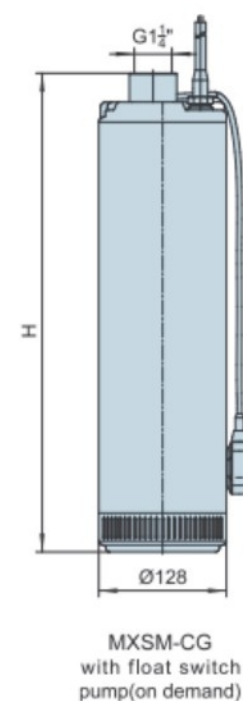
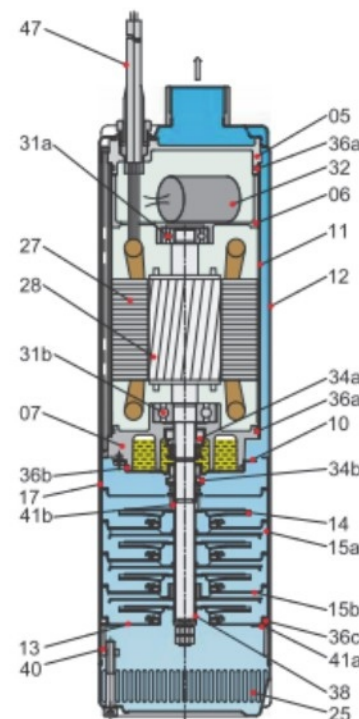
Material of construction:

Item Number	Part name	Material
05※	Upper cover	Cast-cu
06	Up-Bearing house	Aluminum die casting
07※	Bearing house	Cast-cu
10	Seal bracket	AISI304SS
11	Motor casing	AISI304SS
12	Outer casing	AISI304SS
13	Pump casing	AISI304SS
14	Impeller	AISI304SS
15a,b	Diffuser & casing	AISI304SS
17	Suction interconnector	AISI304SS
25	Strainer	AISI304SS
27	Stator	
28	Rotor	
31a,b	Bearing	
32	Capacitor	
34a	mechanical seal	Carbon- Ceramic
34b	mechanical seal	Sic-Sic
36a,b,c	O'ring	NBR
38	Shaft Sleeve	AISI304SS
40	Clamping ring	Cast-cu
41a	Shim	AISI304SS
41b	pressing block	AISI304SS
47	Cable	HO7RN-F

※Optional;AISI304SS

Dimensions & weights:

Model		Motor power		MXS			MXSM			MXSM-CG		
				N.W	G.W	H	N.W	G.W	H	N.W	G.W	H
		KW	HP	Kg	Kg	mm	Kg	Kg	mm	Kg	Kg	mm
50Hz	203	0.55	0.75	12.6	13.2	409	13.6	14.2	433	13.9	14.5	433
	204	0.55	0.75	13.0	13.7	433	14.1	14.8	457	14.4	15.1	457
	205	0.75	1	14.9	15.6	457	16.0	16.7	505	16.3	17.0	505
	206	0.9	1.2	16.2	17.0	493	17.6	18.4	541	17.9	18.7	541
	207	0.9	1.2	16.7	17.6	517	18.1	19.0	565	18.4	19.3	565
	208	1.1	1.5	18.0	18.9	553	19.4	20.3	601	19.7	20.6	601
	403	0.75	1	13.3	14.2	409	14.3	15.2	457	14.6	15.5	457
	404	0.9	1.2	15.2	15.9	445	16.6	17.3	493	16.8	17.5	493
	405	1.1	1.5	16.5	17.2	481	17.9	18.6	529	18.2	18.9	529
	406	1.1	1.5	17.0	17.8	505	18.4	19.2	553	18.7	19.5	553
	407	1.5	2	19.1	21.0	553	21.3	22.2	613	21.6	22.5	613
	408	1.5	2	19.6	20.4	577	21.8	22.6	637	22.1	22.9	637
60Hz	803	1.1	1.5	16.0	16.7	451	17.4	18.1	499	17.7	18.5	499
	804	1.5	2	16.8	17.6	505	19.0	19.8	565	19.3	20.1	565
	202	0.55	0.75	12.1	12.7	385	13.1	13.7	409	13.4	14.0	409
	203	0.75	1	13.9	14.5	409	15.0	15.6	457	15.3	15.9	457
	204	1.1	1.5	16.0	16.7	457	17.4	18.1	505	17.7	18.5	505
	205	1.1	1.5	16.5	17.3	481	17.9	18.6	529	18.2	19.0	529
	206	1.5	2	18.7	19.6	529	20.8	21.7	589	21.1	22.0	589
	402	0.75	1	13.4	14.0	385	14.5	15.1	433	14.8	15.4	433
	403	1.1	1.5	15.5	16.2	433	16.9	17.6	481	17.2	17.9	481
	404	1.5	2	17.6	18.4	481	19.8	20.6	541	20.1	20.9	541
	405	1.5	2	19.2	20.0	505	21.2	22.0	565	21.5	22.4	565
	802	1.5	2	16.6	17.3	445	17.8	18.5	505	18.1	18.8	505
	803	1.5	2	18.6	19.4	475	20.7	21.5	535	21.0	21.7	535



Application:

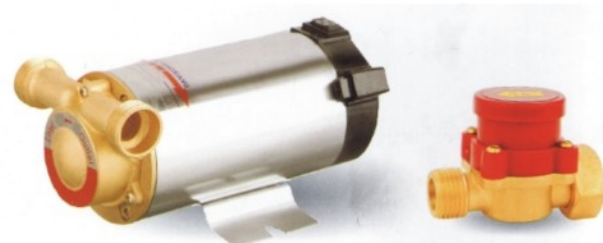
- Maximum fluid temperature up to 60°C.
- press water supply for shower.
- Tap water booster.
- Obtain water from pool.
- Water circulating for equipment.

Motor:

- Single-phase, 50Hz / 60Hz.
- Insulation: Class F.
- Protection: IP 44.
- Wide voltage range design, single-phase and three-phase.

Material:

- Pump body: Cast iron.
- Pump body :brass.
- Pump shaft :stainless iron.
- Impeller :brass.
- Motor housing :stainless steel.
- Mechanical seal :blacklead.



Technical Parameters:

Model	Power (W)	Union (inch)	Max. Flow (L/min)	Rate. Flow (L/min)	Max. Head (m)	Rate Head (m)
15WG-90L	90	G3/4	20	10	7	5
15WG-90T	90	G3/4	14	6	12	7
15WG-90A	90	G3/4	18	8	10	6
15WG-90B1	90	G3/4	18	8	10	6
15WG-90B2	90	G3/4	18	8	10	6
15WG-90B3	90	G3/4	18	8	10	6
15WG-90F	90	G3/4	18	8	10	6
15WG-90R	90	G3/4	18	8	10	6
15WG-120A	120	G3/4	23	10	15	8
15WG-120B	120	G3/4	23	10	15	8
15WG-120F	120	G3/4	23	10	15	8
15WG-120R	120	G3/4	23	10	15	8
20WG-260A	260	G3/4	25	18	18	15
20WG-260R	260	G3/4	25	18	18	15

Operating Conditions:

- Easily fitted and removed.
- Excellent self suction capability.
- Pump controlled automatically by built-in pressure switch.
- Permissible liquid temperature up to 60°C.
- Low noise, excellent corrosion resistance, high pressure.

Mounting positions:

- The motor and the pump united as one, working on the water, more reliable.
- No special requirements for the well casing and lifting pipe. (It can work in Steel tubular well, lime well, earth well etc. Within the reasonable pressure range, steel tube, rubber tube and plastic hose can be used as lifting pipe.)
- Easy to install, operate and maintain, less space demand, no pump house needed
- Simple structure, less cost, equip with start control box or digital auto-control box, household water pressure booster pumps are designed by casing stressed.

Operating Conditions:

- Automatically start or close operation.
- 0-3.5m³/h with head up to 12m.
- Liquid temperature range: 2-95°C.



Technical Parameters:

Model	Speed	Input Power (W)	I (A)	Max Flow (m³/h)	Max Head (m)	Centre Distance (mm)	Unions On Request	G.W (kg)	Volume (m³)
SZD15-9-160	/	120	0.48	1.6	9	160	3/4"	2.8	0.003
SZD15-12-180	3	245	1.04	3.5	12	180	1"	5.0	0.006
	2	210	0.92						
	1	140	0.63						

Operating Conditions:

- 0-30m³/h with head up to 18m.
- Liquid temperature range: 2-110°C.
- 110V-240V;380V;50/60Hz.



XP-F

XP

Technical Parameters:

Model	Input Power (W)	I (A)	Max Flow (m³/h)	Max Head (m)	Centre Distance (mm)	Unions On Request	G.W (kg)	Volume (m³)
XP32-9-220	300	1.5	10	9	220	G1 1/2"	8	0.02
XP32-12-220	500	2.5	11	12	220	G1 1/2"	9	0.02
XP32-16-230	700	3.4	11	16	230	G1 1/2"	13	0.02
XP32-18-230	1000	4.9	12	18	230	G1 1/2"	15	0.02
XP40-9F-250	500	2.5	14	9	250	DN40	13	0.02
XP40-12F-250	700	3.4	14	12	250	DN40	18	0.02
XP40-16F-250	1000	4.9	15	16	250	DN40	20	0.02
XP40-18F-250	1300	5.8	15	18	250	DN40	28	0.02
XP50-9F-280	700	3.4	18	9	280	DN50	20	0.02
XP50-12F-280	1000	4.9	22	12	280	DN50	21	0.02
XP50-16F-280	1300	5.8	23	16	280	DN50	27	0.06
XP65-9F-300	1000	4.9	30	9	300	DN65	22	0.04
XP65-12F-300	1300	5.8	30	12	300	DN65	29	0.06



Operating Conditions:

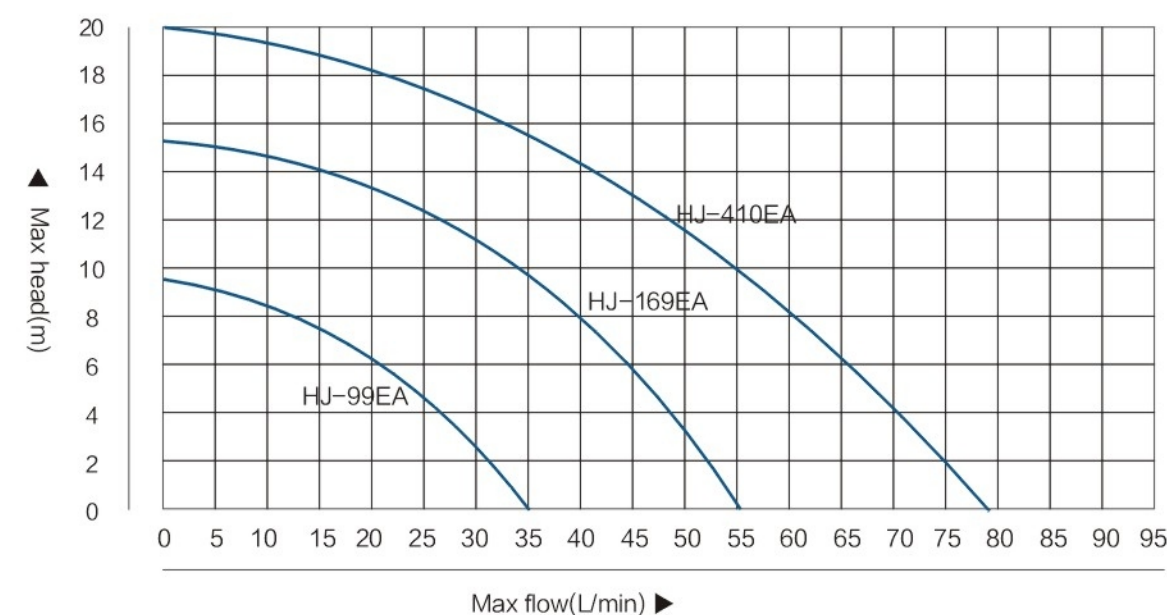
- Three-shift adjustable speed.
- 0-10m/h with head up to 12m.
- Liquid temperature range: 2-110°C.

Technical Parameters:

Model	Input Power (W)			I (A)			Max Flow (m³/h)	Max Head (m)	Centre Distance (mm)	Unions On Request	G.W (kg)	Volume (m³)
	1	2	3	1	2	3						
XPS15-4-130	30	45	60	0.13	0.20	0.26	3.5	4	130	3/4"	2.6	0.003
XPS15-5-130	35	55	80	0.15	0.24	0.34	3.5	5	130	3/4"	2.6	0.003
XPS15-6-130	45	65	90	0.20	0.30	0.40	3.5	6	130	3/4"	2.6	0.003
XPS15-9-140	60	85	120	0.26	0.38	0.48	1.6	9	140	3/4"	2.5	0.003
XPS20-4-130	30	45	60	0.13	0.20	0.26	3.5	4	130	1"	4.8	0.006
XPS20-5-130	35	55	80	0.15	0.24	0.34	3.5	5	130	1"	3.0	0.004
XPS20-6-130	45	65	90	0.20	0.30	0.40	3.5	6	130	1"	3.0	0.004
XPS20-12-180	140	210	245	0.63	0.92	1.04	3.5	12	180	1"	3.0	0.004
XPS25-4-130	30	45	60	0.13	0.20	0.26	3.5	4	130	1 1/2"	2.8	0.004
XPS25-5-130	35	55	80	0.15	0.24	0.34	3.5	5	130	1 1/2"	3.0	0.004
XPS25-6-130	45	65	90	0.20	0.30	0.40	3.5	6	130	1 1/2"	3.0	0.004
XPS25-4-180	30	45	60	0.13	0.20	0.26	3.5	4	180	1 1/2"	3.0	0.004
XPS25-5-180	35	55	80	0.15	0.24	0.34	3.5	5	180	1 1/2"	3.0	0.004
XPS25-6-180	45	65	90	0.20	0.30	0.40	3.5	6	180	1 1/2"	3.0	0.004
XPS25-8-180	145	185	200	0.62	0.78	0.83	7.0	8	180	1 1/2"	3.0	0.004
XPS25-12-180	140	210	245	0.63	0.92	1.04	3.5	12	180	1 1/2"	3.0	0.004
XPS32-4-180	30	45	60	0.13	0.20	0.26	3.5	4	180	2"	3.0	0.004
XPS32-5-180	35	55	80	0.15	0.24	0.34	3.5	5	180	2"	4.5	0.008
XPS32-6-180	45	65	90	0.20	0.30	0.40	3.5	6	180	2"	4.5	0.008
XP532-8-180	140	210	245	0.63	0.92	1.04	9.0	8	180	2"	5.0	0.008
XPS32-5F-220	135	145	200	0.45	0.60	0.65	10	5	220	DN32	8.0	0.01
XPS32-8F-220	140	210	245	0.63	0.92	1.04	10	8	220	DN32	7.0	0.01

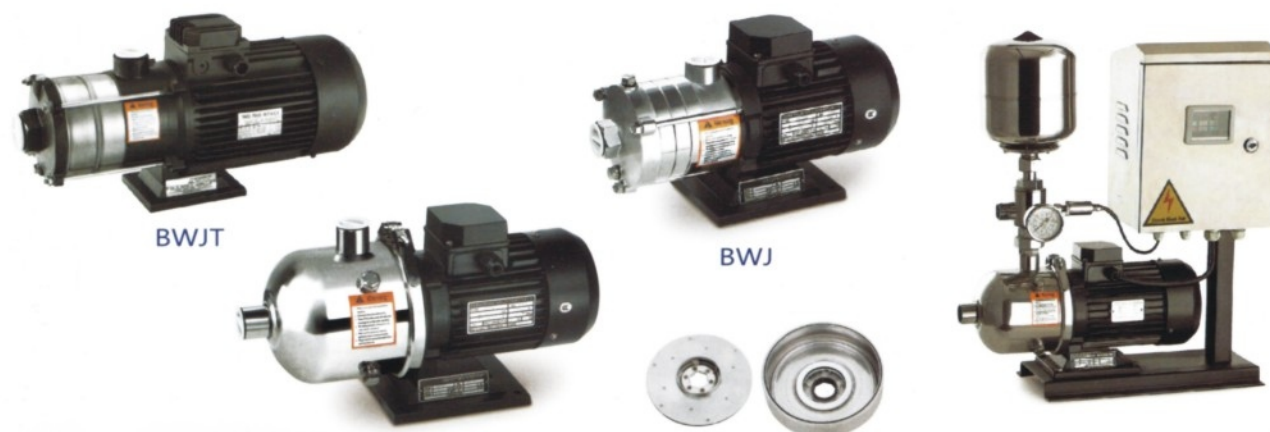


Hydraulic Performance Curve:



Technical Parameters:

Model	Power (W)	Electricity (V/Hz)	Rotate speed (R/min)	Max flow (L /min)	Max head (m)	Pipe size (mm)	Weight (Kg)	Measurement (mm)
HJ-99EA	90	220V,50Hz	2860	35	9.5	15(1/2")20(3/4")	4	180x170x120
HJ-169EA	160	220V,50Hz	2860	55	15	15(1/2")20(3/4")	7.7	290x200x220
HJ-410EA	400	220V,50Hz	2860	78	20	32(1 1/2")	13	320x280x260



Feature

- The premium hydraulic model and advanced workmanship greatly improve the pumps performance and extend the service life.
- Adopting alloy and fluor in rubber for the mechanical seal, which ensures the pumps' reliable operation and endures high temperature of transmission medium.
- As the overflowing part of pump is stamped and welded by stainless steel plate, which is suitable for slightly aggressive liquids.
- We provide the intelligent protector to avoid dry running, default phase and over loading of the pump to meet customers' demand.
- The motor is with lengthening shaft, axial water inlet and radial water outlet.

Working Condition

- Temperature range of medium: Normal type 0°C ~ + 68°C, hot water type 0°C ~ +120°C.
- Maximum ambient temperature: +40°C
- Maximum working pressure: 10 Bar
- When the density or viscosity of the transmission medium exceeds that of water, it is necessary to select to a driving motor of high-power.

Technical Parameters:

Model	Power KW	Intlet	Outlet	Q m³/h	1	2	3	5	6	7	G.W. (Kg)
BW2-2	0.37	G1	G1	H(m)							10.5
BWJ2-2		G1	G1		19	14	16	13	11	9	10.5
BWJT2-2		G1	G1								10.5
BW2-3	0.37	G1	G1								11.5
BWJ2-3		G1	G1		28	21	24	20	17	14	11.0
BWJT2-3		G1	G1								11.0
BW2-4	0.55	G1	G1								12.5
BWJ2-4		G1	G1		36	34	32	26	23	17	11.8
BWJT2-4		G1	G1								11.8
BW2-5	0.55	G1	G1								13.5
BWJ2-5		G1	G1		46	43	40	33	28	22	12.2
BWJT2-5		G1	G1								12.2
BW2-6	0.75	G1	G1								15.5
BWJ2-6		G1	G1		54	50	48	38	33	25	16.8
BWJT2-6		G1	G1								16.8

Technical Parameters:

Model	Power KW	Intlet	Outlet	Q m³/h	1	2	3	4	5	6	7	G.W. (Kg)
BW4-2	0.37	G1 1/4	G1	H(m)								11.5
BWJ4-2		G1 1/4	G1		19	18	15	14	13	10	7	11
BWJT4-2		G1 1/4	G1									11
BW4-3	0.55	G1 1/4	G1									13.0
BWJ4-3		G1 1/4	G1		28	27	24	22	19	15	10	12
BWJT4-3		G1 1/4	G1									12
BW4-4	0.75	G1 1/4	G1									15.5
BWJ4-4		G1 1/4	G1		38	36	32	30	26	20	14	15.5
BWJT4-4		G1 1/4	G1									15.5
BWJ4-5	1.1	G1 1/4	G1									18.8
BWJT4-5		G1 1/4	G1		47	45	40	37	32	25	17	18.8
BWJ4-6	1.1	G1 1/4	G1									19.5
BWJT4-6		G1 1/4	G1		57	54	48	45	39	30	21	19.5

Model	Power kW	Intlet	Outlet	Q m³/h	5	6	7	8	9	10	11	G.W. (Kg)
BW8-2	0.75	G2	G2	H(m)								14.5
BWJ8-2		G1/2	G1/4		19	18.5	18	17	15	13	11	19.4
BWJT8-2		G1/2	G1/4									19.4
BW8-3	1.1	G2	G2									20.5
BWJ8-3		G1/2	G1/4		29	28	27	25.5	22.5	20	17.5	21.5
BWJT8-3		G1/2	G1/4									21.5
BW8-4	1.5	G2	G2									24.5
BWJ8-4		G1/2	G1/4		39	38	36	34	30	26.5	22.5	26.0
BWJT8-4		G1/2	G1/4									26.0
BW8-5	2.2	G2	G2									25.0
BWJ8-5		G1/2	G1/4		49	47	45	42.5	38	33.5	28	28.6
BWJT8-5		G1/2	G1/4									28.6

Model	Power kW	Intlet	Outlet	Q m³/h	8	10	14	16	18	20	22	G.W. (Kg)
BW16-2	2.2	G2	G2	H(m)								27.5
BWJ16-2		G1/2	G1/4		25.5	24	21	21	19	17	14.5	26.9
BWJT16-2		G1/2	G1/4									26.9
BW16-3	3	G2	G2									34.8
BWJ16-3		G1/2	G1/4		38.5	37	32	32	30	27	23	30.6
BWJT16-3		G1/2	G1/4									30.6



Product Introduction:

• Light-type stainless steel multistage centrifugal pumps are non-self priming pumps absorbing the advanced technology from home and abroad. Adopting standard motor and alloy mechanical seal, which make the replacement more convenient. The overflowing part is made from stainless steel, applicable for: light-corrosion medium. Relying on the high efficiency, energy saving performance, reliable quality, wide usable range, the products are received the great popularity after they have been launched.

Feature:

- The premium hydraulic model and advanced workmanship greatly improve the pumps performance and extend the service life.
- Adopting alloy and fluor in rubber for the mechanical seal, which ensures the pumps reliable operation and endures high temperature of transmission Medium.
- As the overflowing part of pump is stamped and welded by stainless steel plate, which is suitable for slightly aggressive liquids.
- Compact design, small in size, light weight, low noise, excellent energy saving performance, easy to maintenance.
- Inlet and outlet of the pump stand in the same line with the pump base, which can be used directly in the pipelines.
- Clients can allocate the motor based on their own needs.
- We provide the intelligent protector to avoid dry running, default phase and over loading of the pump to meet customers' demand.

Working Condition:

- Liquid temperature: Normal type 0℃ ~ + 68℃, hot water type 0℃~ + 120℃.
- Ambient temperature: -15℃~ +40℃
- The maximum inlet pressure: 1.0 Mpa/10 Bar
- When the density or viscosity of the transmission medium exceeds that of water, it is necessary to select to a driving motor of high-power.

Application:

- Water supply: water filtering and water delivery in water plants, water delivery for sub-water plants, pressure boost in main pipelines and in high-rise buildings.
- Industrial pressure boost: flow water system, cleansing system, high-pressure washing system, fire extinguishing system.
- Industrial liquid delivery: cooling and air-conditioning systems, boiler water supply, condensation system, machine tool, transmission of the acid and alkali mediums.
- Water treatment (Water purification): ultra-filtration system, reverse osmosis system, distillation system, water treatment system for separator and Swimming pool.
- Irrigation: irrigating of crops, spray irrigation and drop irrigation.

Motor's Selection:

- Full-enclosed and ventilating two-pole standard motor
- Protection class: Ip55
- Insulation class: F
- Standard voltage /Frequency: Single phase / Three phase; 50Hz/60hz.

Technical Parameters:

Model	Power kW	Flange Size	Q m³/h	1	1.2	1.6	2	2.4	2.8	3.2	3.5	G.W. (Kg)
				H(m)								
BL2-2/BLT2-2	0.37	DN25	H(m)	18	17	16	15	13	12	10	8	22/26
BL2-3/BLT2-3	0.37	DN25		27	26	24	22	20	18	15	12	22/26
BL2-4/BLT2-4	0.55	DN25		36	35	33	30	26	24	20	16	24/28
BL2-5/BLT2-5	0.55	DN25		45	43	40	37	33	30	24	20	24/28
BL2-6/BLT2-6	0.75	DN25		53	52	50	45	40	36	30	24	28/32
BL2-7/BLT2-7	0.75	DN25		63	61	57	52	47	41	35	28	28/32
BL2-9/BLT2-9	1.1	DN25		80	78	73	67	61	54	45	37	31/35
BL2-11/BLT2-11	1.1	DN25		98	95	89	82	73	64	54	44	32/37
BL2-13/BLT2-13	1.5	DN25		116	114	106	98	89	78	65	52	35/40
BL2-15/BLT2-15	1.5	DN25		134	130	123	112	100	90	73	60	36/40
BL2-18/BLT2-18	2.2	DN25		161	157	148	136	121	108	91	76	40/45
BL2-22/BLT2-22	2.2	DN25		197	192	180	165	148	130	110	90	42/46
BL2-26/BLT2-26	3	DN25		232	228	214	198	179	158	130	110	50/55

Model	Power kW	Flange Size	Q m³/h	1.5	2	3	4	5	6	7	G.W. (Kg)
				H(m)							
BL4-2/BLT4-2	0.37	DN32	H(m)	19	18	17	15	13	10	8	22/28
BL4-3/BLT4-3	0.55	DN32		28	27	26	24	20	18	13	25/30
BL4-4/BLT4-4	0.75	DN32		38	36	34	32	27	24	19	28/33
BL4-5/BLT4-5	1.1	DN32		47	45	43	40	34	31	23	30/35
BL4-6/BLT4-6	1.1	DN32		56	54	52	48	41	37	28	33/36
BL4-7/BLT4-7	1.5	DN32		66	63	61	56	48	4	33	34/40
BL4-8/BLT4-8	1.5	DN32		74	72	70	64	55	50	38	35/40
BL4-10/BLT4-10	2.2	DN32		96	90	87	81	71	62	48	38/44
BL4-12/BLT4-12	2.2	DN32		114	108	104	95	85	75	58	40/46
BL4-14/BLT4-14	3	DN32		136	126	122	112	101	89	68	48/53
BL4-16/BLT4-16	3	DN32		152	144	140	129	115	101	78	49/54
BL4-19/BLT4-19	4	DN32		183	171	168	153	137	122	93	58/63
BL4-22/BLT4-22	4	DN32		211	200	192	178	160	138	108	60/65

Technical Parameters:

Model	Power	Flange Size	Q	H(m)	5	6	7	8	9	10	11	12	G.W. (Kg)
	kW		m³/h										
BL8-2/BLT8-2	0.75	DN40			20	19.5	19	18	17	16	14	13	36/43
BL8-3/BLT8-3	1.1	DN40			30	29.5	28.5	27	25	24	21	19	38/45
BL8-4/BLT8-4	1.5	DN40			41	39.5	38	36	34	32	28	26	42/49
BL8-5/BLT8-5	2.2	DN40			52	50	48	45	42	40	36	32	46/53
BL8-6/BLT8-6	2.2	DN40			62	60	57	54	51	48	43	39	47/54
BL8-8/BLT8-8	3	DN40			83	80	77	70	69	65	58	52	55/63
BL8-10/BLT8-10	4	DN40			104	100	97	92	87	81	73	65	65/72
BL8-11/BLT8-11	4	DN40			114	110	106	101	95	86	80	72	66/73
BL 8-12/BLT8-12	5.5	DN40			124	120	116	111	104	92	87	78	84/92
BL8-14/BLT8-14	5.5	DN40			145	141	136	130	122	113	102	92	86/94
BL8-16/BLT8-16	5.5	DN40			166	161	156	148	139	130	118	106	89/96
BL8-18/BLT8-18	7.5	DN40			187	182	175	167	157	146	134	120	95/102
BL8-20/BLT8-20	7.5	DN40			208	202	195	186	175	163	150	135	97/104

Model	Power	Flange Size	Q	H(m)	7	8	10	12	14	15	16	G.W. (Kg)
	kW		m³/h									
BL12-2/BLT12-2	1.5	DN50			23.5	23	22	20	17	15	14	41/49
BL12-3/BLT12-3	2.2	DN50			35.5	35	23	30	26	23	21	45/53
BL12-4/BLT12-4	3	DN50			47	46	44	40	34	31	28	53/61
BL12-5/BLT12-5	3	DN50			59.5	58	55	50	43	39	35	54/62
BL12-6/BLT12-6	4	DN50			71.5	70	66	60	52	47	42	62/70
BL12-7/BLT12-7	5.5	DN50			83.5	82	77	70	61	55	49	80/89
BL12-8/BLT12-8	5.5	DN50			95.5	94	88	80	70	63	56	81/90
BL12-9/BLT12-9	5.5	DN50			108	106	100	91	79	71	64	82/91
BL12-10/BLT12-10	7.5	DN50			120	118	111	101	88	80	72	87/96
BL12-12/BLT12-12	7.5	DN50			143.5	141	133	121	106	96	86	90/98
BL12-14/BLT12-14	11	DN50			168	165	155	141	124	112	100	164/173
BL12-16/BLT12-16	11	DN50			192.5	189	178	162	142	128	115	167/175
BL12-18/BLT12-18	11	DN50			217	213	202	183	160	145	130	169/178

Model	Power	Flange Size	Q	H(m)	8	10	12	14	16	18	20	22	G.W. (Kg)
	kW		m³/h										
BL16-2/BLT16-2	2.2	DN50			27	26	25	24	22	21	19	16	45/52
BL16-3/BLT16-3	3	DN50			41	40	38	37	34	32	29	25	50/57
BL16-4/BLT16-4	4	DN50			54	53	52	49	46	43	38	34	56/63
BL16-5/BLT16-5	5.5	DN50			68	67	65	62	58	54	48	43	75/83
BL16-6/BLT16-6	5.5	DN50			82	80	78	74	70	64	58	52	77/85
BL16-7/BLT16-7	7.5	DN50			96	95	91	87	82	76	68	61	82/90
BL16- 8/BLT16-8	7.5	DN50			110	108	104	99	94	86	77	70	84/92
BL16-10/BLT16-10	11	DN50			138	136	131	125	118	109	97	87	165/173
BL16-12/BLT16-12	11	DN50			166	162	157	150	141	130	116	105	168/176
BL16-14/BLT16-14	15	DN50			194	190	184	175	166	152	136	122	181/189
BL16-16/BLT16-16.	15	DN50			222	217	210	200	189	174	156	140	184/192

Technical Parameters:

Model	Power	Flange Size	Q	H(m)	14	16	18	20	22	24	26	28	G.W. (Kg)
	kW		m³/h										
BL20-2/BLT20-2	2.2	DN50			26	25	24	23	22	20	18	15	45/52
BL20-3/BLT20-3	3	DN50			39	38	37	35	33	30	27	24	55/62
BL20-4/BLT20-4	4	DN50			52	51	49	47	44	41	37	33	74/82
BL20-5/BLT20-5	5.5	DN50			64	62	60	58	55	50	45	40	75/83
BL20-6/BLT20-6	5.5	DN50			77	75	73	70	66	61	55	49	81/89
BL20- 7/BLT20-7	7.5	DN50			91	89	86	82	77	71	65	58	83/90
BL20-8/BLT20-8	7.5	DN50			105	102	99	94	89	82	75	67	162/170
BL20-10/BLT20-10	11	DN50			131	128	124	118	111	103	95	85	165/173
BL20-12/BLT20-12	11	DN50			158	154	149	142	133	124	114	102	179/186
BL20-14/BLT20-14	15	DN50			185	180	174	166	156	145	133	119	182/189
BL20-1 7/BLT20-17	15	DN50			225	219	212	202	190	177	162	145	201/209

Model	Power	Flange Size	Q	H(m)	16	20	24	28	32	36	40	G.W. (Kg)
	kW		m³/h									
BL32-2-2/BLT32-2-2	3	DN65			29	26	26	23	20	16	11	74/78
BL32-2/BLT32-2	4	DN65			36	32	32	29	27	23	18	81/85
BL32-3-2/BLT32-3-2	5.5	DN65			47	41	41	38	33	28	21	100/104
BL32-3/BLT32-3	5.5	DN65			54	48	48	44	40	35	27	100/104
BL32-4-2/BLT32-4-2	7.5	DN65			65	58	58	53	46	40	30	106/110
BL32-4/BLT32-4	7.5	DN65			72	65	65	59	53	47	37	106/110
BL32-5-2/BLT32-5-2	11	DN65			83	74	74	68	60	52	41	185/189
BL32-5/BLT32-5	11	DN65			90	81	81	74	67	59	47	185/189
BL32-6-2/BLT32-6-2	11	DN65			101	90	90	83	74	65	51	189/193
BL 32-6/BLT32-6	11	DN65			108	97	97	90	81	72	57	189/193
BL32-7-2/BLT32-7-2	15	DN65			119	107	107	98	88	78	60	203/207
BL32-7/BLT32-7	15	DN65			126	113	113	105	95	85	67	203/207
BL32-8-2/BLT32-8-2	15	DN65			136	123	123	114	102	90	71	207/211
BL32-8/BLT32-8	15	DN65			144	130	130	120	109	97	77	207/211
BL32-9- 2/BLT32-9-2	18.5	DN65			154	140	140	129	117	102	82	228/232
BL32-9/BLT32-9	18.5	DN65			162	147	147	136	124	107	88	228/232
BL32-10-2/BLT32-10-2	18.5	DN65			175	157	157	146	131	115	91	232/236
BL32-10/BLT32-10	18.5	DN65			182	164	164	152	138	122	98	232/236
BL32-11-2/BLT32-11-2	22	DN65			193	173	173	164	146	128	102	278/282
BL32-11/BLT32-11	22	DN65			200	180	180	168	153	135	109	278/282
BL32-12- 2/BLT32-12-2	22	DN65			211	189	189	178	160	140	113	281/286
BL32-12/BLT32-12	22	DN65			218	196	196	184	167	147	120	281/286
BL32-13-2/BLT32-13-2	30	DN65			230	206	206	193	174	153	124	361/365
BL32-13/BLT32-13	30	DN65			237	213	213	200	181	160	131	361/365
BL32-14-2/BLT32-14-2	30	DN65			247	222	222	210	189	165	135	364/369
BL32-14/BLT32-14	30	DN65			255	229	229	216	196	172	142	364/369
BL32-15-2/BLT32-15-2	30	DN65			266	239	239	224	203	178	145	368/373
BL32-15/BLT32-15	30	DN65			274	246	246	231	210	185	152	368/373

Technical Parameters:

Model	Power	Flange Size	Q	25	30	35	40	45	50	55	G.W. (Kg)
	kW		m³/h								
BL45-2-2/BLT45-2-2	5.5	DN80	H(m)	44	38	36	33	30	27	23	109/117
BL45-2/BLT45-2	7.5	DN80		48	46	44	42	39	35	31	113/121
BL45-3-2/BLT45-3-2	11	DN80		63	61	58	54	50	44	38	190/197
BL45-3/BLT45-3	11	DN80		71	69	66	63	58	53	47	190/197
BL45-4-2/BLT45-4-2	15	DN80		87	84	80	75	69	62	54	204/211
BL45-4/BLT45-4	15	DN80		95	92	88	84	78	71	62	204/211
BL45-5-2/BLT45-5-2	18.5	DN80		111	107	102	96	88	80	69	225/233
BL45-5/BLT45-5	18.5	DN80		119	115	110	105	97	88	78	225/233
BL45-6-2/BLT45-6-2	22	DN80		135	130	124	117	108	97	85	272/279
BL45-6/BLT45-6	22	DN80		143	138	132	125	116	106	93	272/279
BL45-7-2/BLT45-7-2	30	DN80		158	152	146	138	127	115	100	351/359
BL45-7/BLT45-7	30	DN80		166	161	154	146	135	124	109	351/359
BL45-8-2/BLT45-8-2	30	DN80		182	175	168	159	146	133	116	354/361
BL 45-8/BLT45-8	30	DN80		190	184	176	167	154	141	124	354/361
BL45-9-2/BLT45-9-2	30	DN80		205	198	190	180	166	150	132	358/366
BL 45-9/BLT45-9	37	DN80		214	207	198	188	174	159	140	380/388
BL45-10-2/BLT45-10-2	37	DN80		230	221	212	200	185	168	147	385/392
BL45-10/BLT45-10	37	DN80		238	230	220	209	193	177	155	385/392
BL45-11-2/BLT45-11-2	45	DN80		255	246	236	223	206	188	165	450/457
BL 45-11/BLT45-11	45	DN80		263	255	244	232	214	196	173	450/457
BL45-12-2/BLT45-12-2	45	DN80		280	270	259	245	226	206	171	454/462
BL45-12/BLT45-12	45	DN80		289	280	268	255	236	216	190	454/462
BL45-13-2/BLT45-13-2	45	DN80		305	294	282	268	247	225	198	458/465

Model	Power	Flange Size	Q	30	40	50	60	64	70	80	G.W. (Kg)
	kW		m³/h								
BL64-2-2/BLT64-2-2	7.5	DN100	H(m)	39	36	33	29	26	23	17	133/141
BL64-2-1/BLT64-2-1	11	DN100		46	44	40	36	33	30	24	197/204
BL64-2/BLT64-2	11	DN100		53	51	47	43	40	37	30	197/204
BL64-3-2/BLT64-3-2	15	DN100		66	62	56	50	46	41	32	210/218
BL64-3-1/BLT64-3-1	15	DN100		73	69	63	57	53	48	39	210/218
BL64-3/BLT64-3	18.5	DN100		80	76	71	65	60	56	46	228/235
BL64-4-2/BLT64-4-2	18.5	DN100		92	87	80	71	66	60	47	231/238
BL64-4-1/BLT64-4-1	22	DN100		100	94	87	78	73	67	54	274/282
BL64-4/BLT64-4	22	DN100		107	101	94	85	80	74	61	274/282
BL64-5-2/BLT64-5-2	30	DN100		121	114	105	95	88	80	64	354/361
BL64-5-1/BLT64-5-1	30	DN100		128	121	112	102	95	87	71	354/361
BL64-5/BLT64-5	30	DN100		136	129	119	109	102	94	78	354/361
BL64-6-2/BLT64-6-2	30	DN100		150	142	131	118	110	101	81	358/366
BL64-6-1/BLT64-6-1	37	DN100		157	149	138	125	117	108	88	380/388
BL64-6/BLT64-6	37	DN100		164	156	145	132	124	115	95	380/388
BL64-7-2/BLT64-7-2	37	DN100		179	169	156	141	132	121	99	386/394
BL64-7-1/BLT64-7-1	37	DN100		186	176	163	148	139	128	106	386/394
BL64-7/BLT64-7	45	DN100		193	183	170	155	146	135	112	445/453
BL64-8-2/BLT64-8-2	45	DN100		207	196	182	164	154	142	116	450/457
BL64-8-1/BLT64-8-1	45	DN100		215	203	189	171	161	149	123	450/457
BL 64-8/BLT64-8	45	DN100		221	210	196	178	168	156	130	450/457

Technical Parameters:

Model	Power	Flange Size	Q	50	60	70	80	90	100	110	G.W. (Kg)
	kW		m³/h								
BL90-2-2/BLT90-2-2	11	DN100	H(m)	41	39	36	32	28	22	15	200/210
BL90-2/BLT90-2	15	DN100		53	50	47	44	40	36	30	204/214
BL90-3-2/BLT90-3-2	18.5	DN100		68	65	60	55	49	41	32	225/235
BL90-3/BLT90-3	22	DN100		81	77	72	67	62	55	48	267/277
BL90-4-2/BLT90-4-2	30	DN100		98	93	87	80	72	62	50	339/349
BL90-4/BLT90-4	30	DN100		110	105	100	92	84	76	66	339/349
BL90-5-2/BLT90-5-2	37	DN100		126	120	113	104	93	81	68	373/383
BL90-5/BLT90-5	37	DN100		139	131	124	115	106	94	83	373/383
BL90-6-2/BLT90-6-2	45	DN100		155	148	139	129	117	102	86	437/447
BL90-6/BLT90-6	45	DN100		168	160	150	141	130	117	103	437/447

Application:

Series is progressing cavity screw pump (single screw pump). It belongs to the group of rotary positive displacement pumps. It is used in almost industry sectors for conveyance and dosing of various media. Preferably, media with or without solids having low to very high viscosities conveys. However, it is also suitable for conveying aggressive media, such as the ones used in papermaking, wastewater treatment or brewery.

- City sanitation: Activated sludge, Sewage, Cement milk, Concentrate scum, Mud, Digested sludge, Primary Sludge
- Ship: Sludge, Bilge, Chemical
- Food: Millet-jelly, Jam, Starch, Butter, Yeast, Ground meat, Ground fish, Fruit, Vegetable, Corned beef, Ketchup, etc.
- Paper and Cellulose: Pulp, Clay and Starch
- Chemical: Grease, Material of chemical fiber, Coating color, Pitch, Waste oil
- Cosmetics: Cream, Tooth paste, Antibiotics, Glycerin
- Paints: Pigment, Picture ingredient, Lacquer
- Steel manufacturing and ceramic industry: Grinding liquid, Clay, Blaster, Pit liquid waste

Feature:

High suction of lifting up to 5m and self priming is especially powerful. It can handle liquid containing solids (Max. 50mm), fiber, flock and so on without destroying it. As positive-displacement pump, capacity is directly proportional to the speed without being influenced by delivery pressure. Pump works without pulsation or turbulence. It can handle high viscosity and density liquid. It is available for maximum viscosity of 200,000 cps and water containing rate of 50% depend on materiality. As bearings are placed externally, fluids are not contaminated. Fluid flow direction can be changed, so reversed running is possible. Simple construction with a few parts. Wide range of materials of components parts enable to handle all kinds of fluid, such as high corrosive media. As sealing is set on suction side, there are a few burdens and maintenance is easy.



Technical Parameters:

Model	Inlet	Outlet	Rated flow		Pressure		Speed	Motor	
	mm	mm	GPM	m³/h	Mpa	PSI	RPM	kW	HP
G20-1	25	25	3.5	0.8	0.6	87	960	0.75	1
G20-2	25	25	3.5	0.8	1.2	174	960	1.5	2
G25-1	32	25	8.8	2	0.6	87	960	1.5	2
G25-2	32	25	8.8	2	1.2	174	960	2.2	3
G30-1	50	40	22	5	0.6	87	960	2.2	3
G30-2	50	40	22	5	1.2	174	960	3	4
G35-1	65	50	35	8	0.6	87	960	3	4
G35-2	65	50	35	8	1.2	174	960	4	5
G40-1	80	65	53	12	0.6	87	960	4	5
G40-2	80	65	53	12	1.2	174	960	5.5	7
G50-1	100	80	88	20	0.6	87	960	5.5	7
G50-2	100	80	88	20	1.2	174	960	7.5	10
G60-1	125	100	132	30	0.6	87	960	11	15
G60-2	125	100	132	30	1.2	174	960	15	20
G70-1	150	125	198	45	0.6	87	720	11	15
G70-2	150	125	198	45	1.2	174	720	15	20
G85-1	150	150	242	55	0.6	87	720	15	20
G85-2	150	150	242	55	1.2	174	500	18.5	25
G105-1	200	150	352	80	0.6	87	400	22	29
G105-2	200	150	352	80	1.2	174	380	30	40
G135-1	250	200	660	150	0.6	87	380	37	49
G135-2	250	200	660	150	1.2	174	380	75	100

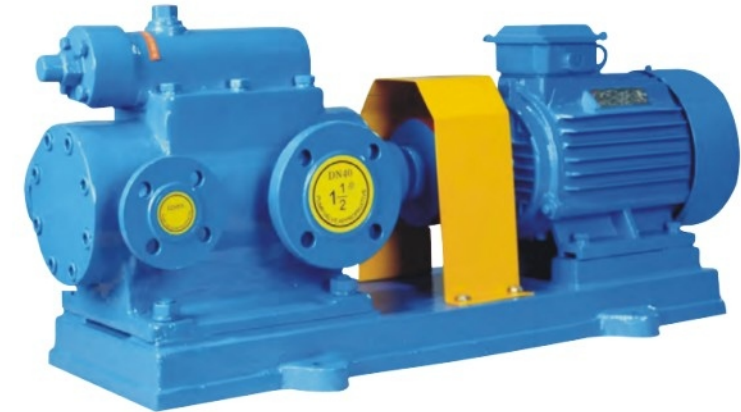
Application:

LQ3G Triple screw pump is used for transport of viscous fluids with lubricating properties. They are suited for a variety of applications such as fuel-injection, oil burners, boosting, hydraulics, fuel-lubrication, circulating, feed and so on. It is only applicable to converting lubricating fluids not containing solid particles at normal temperature. It may be used as a common delivery pump, and a pressure supply pump in hydraulic drive device. The maximum working temperature is equal to or lower than 350°C.

- Bitumen
- Heavy diesel
- Heavy fuel oil
- Heavy gear oil

Feature:

Triple screw pump is a positive displacement pump, it is often used to pump high-pressure viscous fluids. Three screws drive the pumped liquid forth in a closed chamber. As the screws rotate in opposite directions, the pumped liquid moves along the screws' spindles. LQ3G Triple screw pumps have several advantages. The pumped fluid is moving axially without turbulence which eliminates foaming that would otherwise occur in viscous fluids. They are also able to pump fluids of higher viscosity without losing flow rate. Also, changes in the pressure difference have little impact on PD pumps compared to centrifugal pumps. LQ3G series pump are designed with heating jacket, it specially uses for pumping media that generally pre-heating and reduce viscosity.



Technical Parameters:

Model Size	Flow Rate		Pressure	Speed	Power kW		NPSHR
	m³/h	LPM	Mpa	RPM	Shaft Power	Motor	m
LQ3G45X2-46	4.28	71.28	0.6	960	1.03	1.5	5
	4.14	68.96	1.0		1.73	2.2	
	4.00	66.63	1.6		2.80	4	
	6.53	108.8	0.6	1450	1.75	2.2	
	6.32	105.3	1.0		2.61	3	
	6.10	101.7	1.6		3.75	5.5	
LQ3G54X2-46	9.89	164.8	0.6	960	2.33	3	5
	9.73	162.2	0.8		2.91	4	
	9.56	159.4	1.0		3.61	5.5	
	15.1	251.6	0.6	1450	3.56	5.5	
	14.6	243.3	1.0		5.51	7.5	
	16.8	280.3	0.6		3.50	5.5	
LQ3G80X2-46	16.3	271.2	1.0	960	5.41	7.5	5.5
	25.7	427.8	0.6		5.43	7.5	
	24.8	413.9	1.0	1450	8.51	11	
	34.2	570.3	0.6		7.86	11	
LQ3G90X2-46	34.0	566.7	0.8	960	9.70	11	5.5
	33.1	551.7	1.0		11.4	15	
	52.6	876.4	0.6		12.0	15	
	52.0	866.0	0.8	1450	14.9	18.5	
	51.4	856.1	1.0		18.6	22	
	48.7	812.2	0.6		10.8	15	
LQ3G100X2-46	48.0	800.1	0.8	960	13.3	15	5.5
	46.9	782.3	1.0		16.7	22	
	72.7	1212	0.6		16.5	18.5	
	72.0	1200	0.8	1450	20.4	22	
	71.2	1187	1.0		25.5	30	
	60.9	1015	0.6		13.7	18.5	
LQ3G110X2-46	58.9	981.7	1.0	960	21.8	30	5.5
	96.7	1611	0.6		21.9	30	
	94.6	1577	1.0	1450	33.9	45	

Application:

- The pump is most suitable for hydromassage bathtub and sea water convey;
- Weak corrosive liquid (weak acid and weak alkali) without solid granules.

Feature:

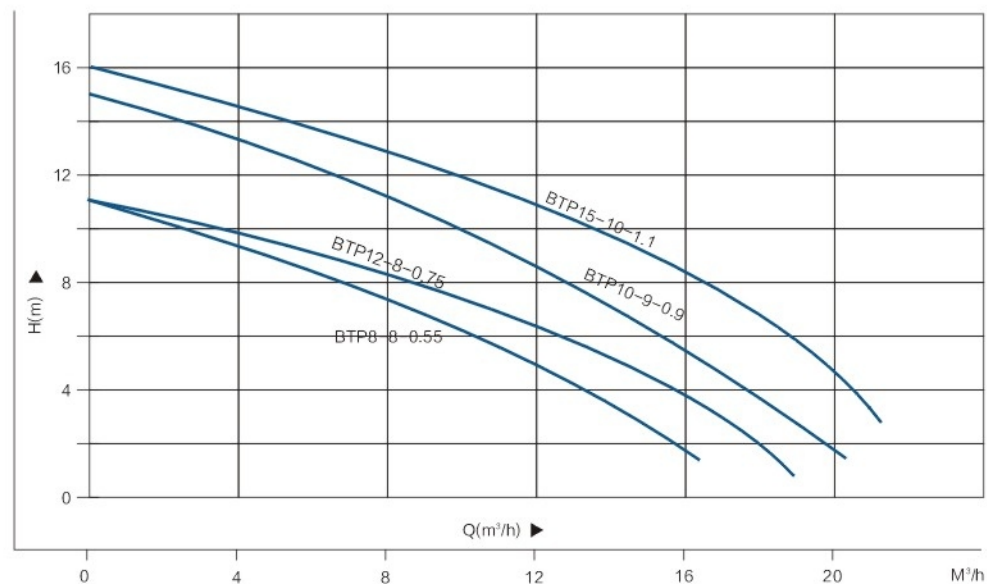
- Electric pump over-current components using high-strength engineering plastics, with high-quality wear-resistant mechanical seal
- 71 frame, the frame with machine feet conjoined, strong and reliable.
- Pump apply for low noise standard motor. Single-phase with thermal protector from TI, USA.
- Motor is with high temperature bearings, long operating life with reliability and durability.
- Complete separation of water and the axis, safe and reliable
- Optional pneumatic switch, to ensure ease of use, security.
- Insulation class F, Protection IPX5.
- The pump obtained the certification of CE, TUV, SAA.



Operating Conditions:

- Medium temperature: 5~50°C.
- Environmental temperature: 0~40°C.
- Max. working pressure: 0.3Mpa

Hydraulic Performance Curve:



Technical Parameters:

Model	Power		Current/Frequency (V/Hz)	Max. Flow (m³/h)	Max. Head (m)	DIM.(mm)	Weight (kg)
	kW	HP					
BTP8-8-0.55	0.55	0.75	220-240/50	16.8	11	420x180x255	9.0
BTP12-8-0.75	0.75	1.0		19.2	11		9.5
BTP10-9-0.9	0.9	1.2		20.1	15		9.8
BTP15-10-1.1	1.1	1.5		21.6	16		10.5

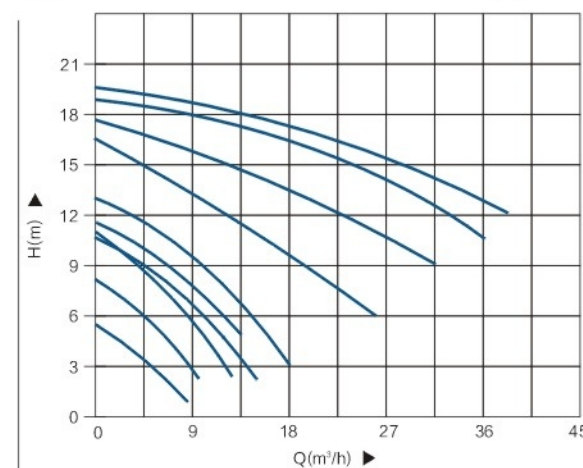
Application:

- Pressure boosting of medium or large STP pool and cleaning system of jetted bath tubs, spa pools.
- Water circulation in fishery.
- Decorative pool, water display, water processing.
- Weak corrosive liquid (weak acid and weak alkali without solid granules. Liquid temperature: +5~60°C.

Feature:

- Pump: STP series is most maturely swimming pool pump and is approved by customer. The pump casing applied efficient structure design with max flow, max head and low noise. Cap and filter is easy to install and unload. Liquids part is made of high reinforce engineering plastic. Applied mechanical seal type ensure watertight in long-time continuous operation. The high reinforce engineering plastic base is vibration-resistance and corrosive-resistance. STP series is preferred product for sand filter and swimming pool.
- Motor: Air cooling motor is suitable for Europe. The material of frame is aluminum; it is under low-noise and less-vibration and durability. Insulation class F, protection IPX5, continuous duty; Single-phase with thermal protector from T1 to ensure safety and convenience.
- Certificate: 1、SAA A/11421EA
2、CE certificate in EU.
3、TUV certificate in Germany.
4、RoHS approval

Hydraulic Performance Curve:



STP(0.18-0.9kW)



STP(1.1-2.2kW)

Technical Parameters:

Model	Power		Current/Frequency (V/Hz)	Max. Flow (m³/h)	Max. Head (m)	DIM.(mm)	Weight (kg)
	kW	HP					
STP-25	0.18	0.25	220-240/50	8.4	5	475x195x295	6
STP-35	0.25	0.35		9.6	8		6.5
STP-50	0.37	0.5		12.6	11		7
STP-75	0.55	0.75		14.4	10.5	645x305x345	8.8
STP-100	0.75	1.0		16.5	11		9.5
STP-120	0.9	1.2		18	13		9.8
STP-150	1.1	1.5		28.5	16.5	615x305x345	14
STP-200	1.5	2.0		31.2	18		15.5
STP-250	1.85	2.5		36	19		16.5
STP-300	2.2	3.0		38.1	19.5	645x305x345	18

Application:

Clean water without abrasive particles.
Mainly used for well pumping river pumping, flowing collection rain water. Pumping water out from cellars, garages, basement. Water supply, drainage in breeding industry.

Operating Conditions:

- Submersion depth 5m.
- Liquid temperature Range 0~40°C.
- Max. working pressure: 8bar.

Material:

- Pump body: Aluminum.
- Motor shaft: Aluminum.
- Impeller: Rubber.
- Motor shaft: Stainless Steel/CS450/CS40Cr.
- 100% copper winding.

Motor:

- 2 pole induction motor.
- Single phase 220V, 50/60Hz; Three phase 380V, 50/60Hz.
- Insulation: Class B.
- Protection: IP68.
- With thermal overload protector

Model Implication:



Technical Parameters:

Model	input power		MAX.Flow (L/min)	MAX.Head (M)	Outlet In	GW Kg	Diameter (mm)	Packing size (mm)	Quantity Set
	KW	HP							
HWW50	0.16	0.21	18	40	1/2	3.0	76	295x115x145	6000
HWW60	0.25	0.33	18	70	1/2	4.0	100	295x115x155	5000
HWW60-1	0.25	0.33	18	70	1/2	4.0	100	295x115x155	5000
HWW70	0.3	0.4	25	80	1	5.2	100	330x120x160	3800
HWW70-1	0.3	0.4	25	80	3/4	5.3	100	330x120x160	3800

Application:

- Clean water with little impurities, non-corrosive liquid.
- Domestic, agricultural and industrial use.
- The big flow rates, medium-low head.

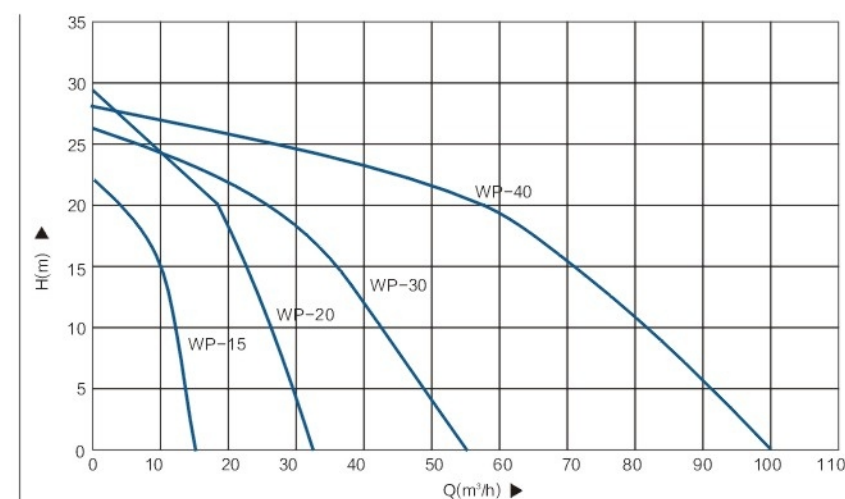
Operating Conditions:

- Suction lift up to 7 m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. Working pressure: 3 bar.

Material:

- Pump body: Aluminum.
- Engine support: Aluminum / Cast iron.
- Impeller: Cast iron.
- Mechanical seal: Ceramic-Graphite or Ceramic-Carbide alloy.

Hydraulic Performance Curve:



WP20



WP30



WP40

Technical Parameters:

Model	Max Output Power HP	Inlet	Outlet	Max. Flow (m³/h)	MAX. Head (M)	Max Suction (m)	Starting System	Standard installed engine model	Fuel tank L	DIM.(mm)	Weight (kg)
WP15	2.5	1.5"	1.5"	20	32	8	Recoil	152F	1.6	410x290x415	18
WP20	6.5	2"	2"	33	30	8	Recoil	168F	3.1	530x400x410	28
WP30	6.5	3"	3"	55	26	8	Recoil	168F	3.1	570x450x450	30
WP40	13.5	4"	4"	100	28	8	Recoil	188F	6.1	647x529x560	52
WP40D	13.5	4"	4"	100	28	8	Electric starter	188F	6.1	640x490x540	49



DSU-50

DSU-80

Technical Parameters:

ITEM	DSU-50	DSU-80
inlet/outlet size	50	80
displacement Q.max(m³/h)	25	50
lift H.Max(m)	28	28
suction (m)	8	8
power (kW)	2.2	2.2
speed(rpm)	2900	2900
Voltage(v)	220/380	220/380
Frequency (Hz)	50	50

ITEM	DSU-100A	DSU-100B
inlet/outlet size	100	100
displacement Q.max(m³/h)	75	90
lift H.Max(m)	20	20
suction (m)	7	8
power (kW)	3	5.5
speed(rpm)	2900	2900
Voltage(v)	220/380	380
Frequency (Hz)	50	50

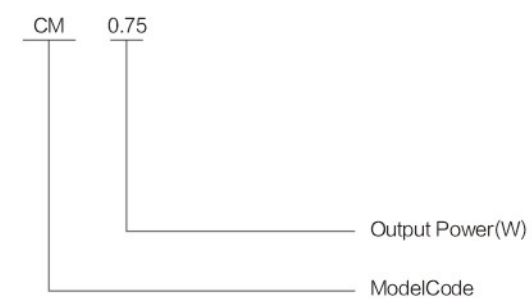
Application:

- It is widely used in farm, family and mill to crush feed materials such as corn, grain, rice, bean, peanut, barley and capsicum into powder for pig, cattle, sheep and so on it has three kinds of mesh (big hole, middle hole, small hole) for people change according to their requirements for the powder.

Motor:

- Degree of protection: Ip54.
- Insulation class: B.
- Continuous operator.
- With thermal protector.

Model Implication:



Technical Parameters:

Model	Input Power		Cable line(m)	Productivity (kg/h)	Stator(mm)	Wire	Weight (kg)	Dim.(cm)
	KW	HP						
CM0.75B	0.75	1.1	1	180	80	AL	15.5	49.5x31.5x39.5
	0.75	1.1	1	180	80	copper	16	49.5x31.5x39.5
CM1.1B	1.1	1.5	1	240	90	AL	16	49.5x31.5x39.5
	1.1	1.5	1	240	90	copper	16.5	49.5x31.5x39.5



FSZ

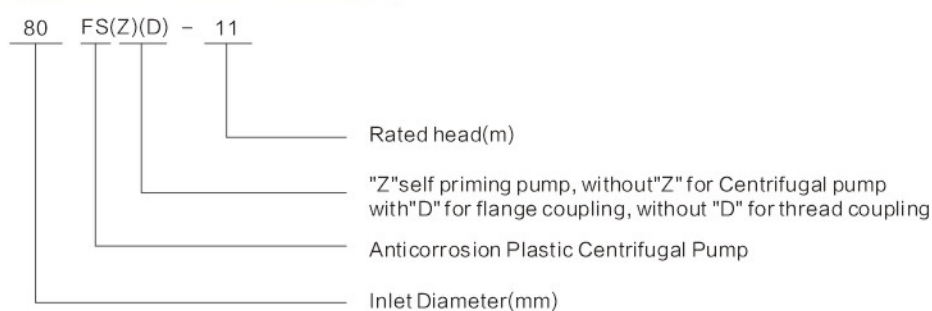
FSZD

FS

Application:

• FS anicroiono plastic centrifugal pump adopts external high-quality mechanical seal, introduces international advanced process and technical formula, is made of GFR-PP and modified ABS(engineering plastics), fully displays characteristics of advanced structure, light weight, small size and long life in same series of plastic pumps, and is widely used for conveying acid, alkali, salt and other corrosive liquid in chemical industry, food, pharmacy, electroplating, Papermaking, environmental protection, water treatment and other department.

Model Implication:



Technical Parameters:

Model	Power (KW)	Voltage (V)	Inlet Dim.(mm)	Outlet Dim.(mm)	Flow (m³/h)	Head (m)	Suction(m)
25FSZ-10	0.55	220/380	25	25	3	10	3
32FSZ-11	0.75	220/380	32	25	3.5	11	4
40FSZ-18	1.5	380	40	32	11	18	4
50FSZ-22	2.2	380	50	40	16	22	4
40FSZD-18	1.5	380	40	32	11	18	4
50FSZ-22	2.2	380	40	32	16	22	4
50FSZ-25	4	380	50	40	18	25	4
50FSZ-28	4	380	50	40	20	28	4
80FSZ-30	5.5	380	80	65	40	30	4
50FSZ-35	7.5	380	80	65	45	32	4

Material of pump:

- Outlet Iron
- Pump: head: Iron or stainless steel
- Pump body: stainless steel
- Impeller: Impeller
- Motor: DC brush motor
- Cable: 2-20M

Product Feature:

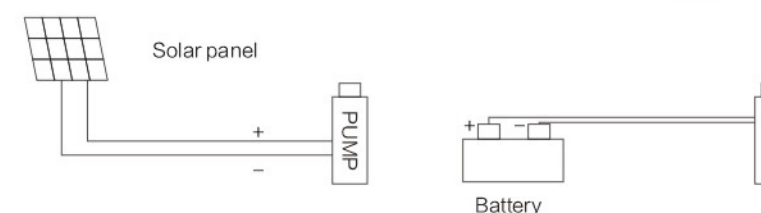
- Only use it for clean water
- Small flow, fit for home use, drinking water

Model Analysis:

- DSP:DC Brush solar pump impeller model
- DSPT: DC Brush solar pump impeller iron model
- 12: pump voltage
- 20: max head 2
- 2.5: max flow
- 200; pump power
- 1: outlet



Installation Diagram:



Technical Parameters:

Model	Voltage	Power	Max Flow	Max Head	outlet	Cable
4DSP3/55-D24/550	24	550	3	55	1"	2-20

Model	Voltage V	Power W	Max Flow m³/h	Max Head m	outlet In	Cable m
4DSPT2.5/20-D12/200	12	200	2.5	20	1"	20
4DSPT3/40-D24/400	24	400	3	40	1"	20
4DSPT3/50-D48/400	48	400	3	50	1"	20
4DSPT3/60-D72/600	72	600	3	60	1"	20

Material of pump:

- Outlet: stainless steel
- Pump head: Iron or stainless steel
- Pump body: stainless steel
- Impeller: screw
- Motor: DC brush motor
- Cable: 20M

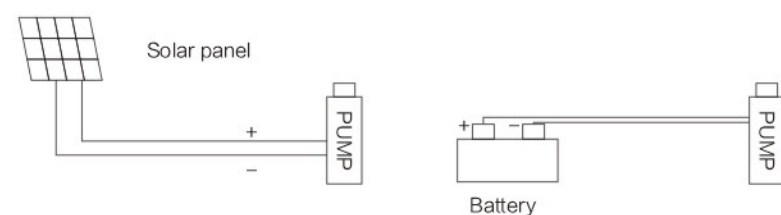
Product Feature:

- Only use it for clean water
- Small flow, fit for home use, drinking water

Model Analysis:

- DQG: DC Brush solar pump screw model
- DOGT: DC Brush solar pump screw iron model
- 24: pump voltage
- 45: max head
- 2: max flow
- 250: pump power
- 1: outlet

Installation Diagram:



Technical Parameters:

Model	Voltage	Power	Max Flow	Max Head	outlet	Cable
	V	W	m ³ /h	m	In	m
4DQG(T)2/45-24/250	24	250	2	40	1"	20
4DQG(T)2/55-36/360	36	360	2	55	1"	20
4DQG(T)2/65-48/500	48	500	2	65	1"	20

Application:

- These electric pumps series are workable within maximum head, as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture, pumping water from deep well, gardening, Fountain and etc.

Product Feature:

- Compact structure, high lift, noiseless, pollution-free; complete electrical protecting controller device; against under-voltage, over-voltage, over-flow, overload; waterless etc; automatic recovery; controlling water height 8s demand.
- Easy installation, maintenance-free, safe and reliable.

Working condition:

- Non-corrosive water; the volume ratio of sand content no more than 3% particle size less than 0.5mm.
- Max medium temperature up to +40°C; PH value remains 5-10.
- Work close to the rated head and must be immersed in water.

Technical Parameters:

Model	Impoler	solar array Voltage	solar array power	Max.Flow	Max.Head	outlet	G.W	Dim.
		V	W	m ³ /h	m	In	Kg	Mm
SQB2.2/35-D24/250	Brass	36	320	2.2	35	1"	7	265x135x230
SQB3.0/50-D48/450		72	600	3	50	1"	10.5	320x180x290
SQ84.0/55-D72/750		108	960	4	55	1"	12	320x180x290
SQB4.0/85-D72/1300		108	1680	4	85	1"	13	320x180x290
SQB6.0/140-D216/1800		324	2240	6	140	1.5"	14	395x205x290
SSGJ3.0/45-D72/750	Ptastc	108	960	3	45	1"	15.5	395x205x305



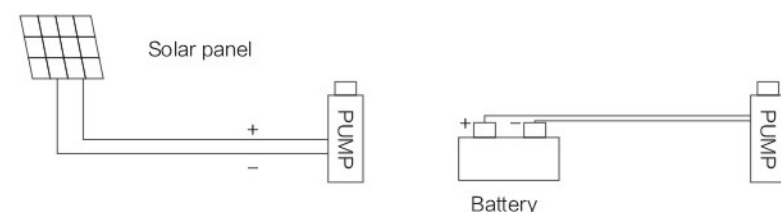
Material of pump:

- Outet: Plastic
- Pump body: Iron
- Impeller: Plastic
- Motor: DC brush motor
- Cable: 3-5M

Product Feature:

- Only use it for clean water.
- Low flow, Small flow, fit for home use.
- drinking water.

Installation Diagram:



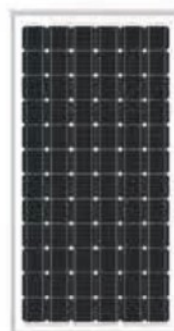
TZQB



BZQB



NZQB



Technical Parameters:

Model	Voltage	Power	Max.Flow	Max.Head	outlet
	V	W	m ³ /h	m	In
TZQB-12	12	180	3	10	1"
TZQB-24	24	200	6	6/8/12	1"/1.5"/2"
TZQB-48	48	280	7	6/8/12	1"/1.5"/2"
TZQB-60	60	300	7	6/8/12	1"/1.5"/2"
BZQB-12	12	180	3	10	1"
BZQB-24	24	200	4	12	1"
BZQB-48	48	260	5	14	1"
BZQB-60	60	280	5	14	1"
NZQB-12	12	160	3	9-10	1"
NZQB-24	24	190	4	12	1"
NZQB-48	48	255	5	14	1"
NZQB-60	60	270	5	14	1"



TO HORIZONTAL PRESSURE TANK



VT VERTICAL PRESSURE TANK



TV VERTICAL PRESSURE TANK

Technical Parameters:

Model	Type (L)	Height (mm)	Diameter (mm)	Working Pressure	Max.Tem		Connection	Weight (kg)	Dim. (Mm)
					NR	EPDM			
TO-24L	24	450	270	5/8	60°C	100°C	G1", G3/4"	4.2	450x280x300
TO-36L	36	460	330	5/8	60°C	100°C	G1", G3/4"	5.7	380x360x430
TO-42L	42	520	330	5/8	60°C	100°C	G1", G3/4"	7.3	520x340x360
TO-50L	50	375	350	5/8	60°C	100°C	G1"	7.9	380x360x550
TO-60L	60	480	450	5/8	60°C	100°C	G1"	9.2	415x385x645
TO-80L	80	480	450	5/8	60°C	100°C	G1"	11.3	480x460x600
TO-90L	90	690	460	5/8	60°C	100°C	G1", G3/4"	11	670x460x475
TO-100L	100	480	450	5/8	60°C	100°C	G1"	12.1	480x460x690

Technical Parameters:

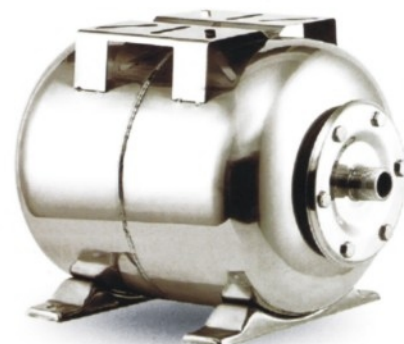
Model	Type (L)	Height (mm)	Diameter (mm)	Working Pressure	Max.Tem		Connection	Weight (kg)	Dim. (Mm)
					BUTYL	EPDM			
VT80L	80	758	450	5/8	/	100°C	G1"	11.6	450x450x740
VT100L	100	830	450	5/8	/	100°C	G1"	12.6	450x450x840
VT200L	200	1090	628	5/8	100°C	/	NPT1.5"	40	1110x640x640
VT300L	300	1379	628	5/8	100°C	/	NPT1.5"	52	1380x640x640

Technical Parameters:

Model	Type (L)	Height (mm)	Diameter (mm)	Working Pressure	Max.Tem		Connection	Weight (kg)	Dim. (Mm)
					NR	EPDM			
TV19L	19	400	270	5/8	60°C	100°C	G1", G3/4"	3.3	270x270x400
TV24L	24	450	270	5/8	60°C	100°C	G1", G3/4"	3.8	270x270x460



TH FLAT PRESSURE TANK



TAI HORIZONTAL STAINLESS STEEL
PRESSURE TANK



SVT VERTICAL STAINLESS STEEL
PRESSURE TANK

Technical Parameters:

Model	Type (L)	Height (mm)	Diameter (mm)	Working Pressure	Max.Tem		Connection	Weight (kg)	Dim. (Mm)
					NR	EPDM			
TH19L	12	270	300	5/8	60°C	100°C	G1", G3/4"	2.7	270x270x300
TH24L	24	330	330	5/8	60°C	100°C	G1", G3/4"	3.5	335x335x330

Technical Parameters:

Model	Type (L)	Height (mm)	Diameter (mm)	Working Pressure	Max.Tem		Connection	Weight (kg)	Dim. (Mm)
					BUTYL	EPDM			
TAI-19L	19	400	270	5/8	60°C	100°C	G1", G3/4"	4.4	400x280x300
TAI-24L	24	450	270	5/8	60°C	100°C	G1", G3/4"	3.95	450x280x300
TAI-36L	36	460	330	5/8	60°C	100°C	G1", G3/4"	6.2	380x360x430
TAI-42L	42	520	330	5/8	60°C	100°C	G1", G3/4"	5.6	520x340x360
TAI-50L	50	375	350	8	60°C	100°C	G1"	7.3	380x360x550
TAI-60L	60	480	450	8	60°C	100°C	G1"	9	415x385x645
TAI-80L	80	480	450	8	60°C	100°C	G1"	11.1	480x460x600
TAI-100L	100	480	450	8	60°C	100°C	G1"	11.3	480x460x690

Technical Parameters:

Model	Type (L)	Height (mm)	Diameter (mm)	Working Pressure	Max.Tem		Connection	Weight (kg)	Dim. (Mm)
					NR	EPDM			
SVT-5L	5	320	150	5/8	60°C	100°C	G1", G3/4"	1.4	155x155x265
SVT-8L	8	320	200	5/8	60°C	100°C	G1", G3/4"	1.98	208x208x320
SVT-19L	19	400	270	5/8	60°C	100°C	G1", G3/4"	3.8	270x270x400
SVT-24L	24	450	270	5/8	60°C	100°C	G1", G3/4"	4	270x270x450
SVT-36L	36	630	330	5/8	60°C	100°C	G1", G3/4"	6.25	335x335x630

H04 SERIAL OF WATER HOSE



H04



FH10

Technical Parameters:

Model	Measures	Working Pressure(kg)	Length of a roll (m)	Roll/CTN	Weight/ CTN (kg)	DIM / CTN (cm)
H04-1	1"	4	100	1	15	57x57x 5
H04-1.5	1.5"	4	100	1	22	57x57x7
H04-2	2"	4	100	1	30	57x57x10
H04-2.5	2.5"	4	100	1	40	57x57x12
H04-3	3"	4	100	1	50	57x57x13
H04-4	4"	4	100	1	70	59x59x17
H04-6	6"	4	50	1	60	55x55x13
H04-8	8"	4	50	1	87.5	62x62x32
FH10-2	2"	10	20	1	2.5	15x15x8
FH10-2.5	2.5"	10	20	1	3.4	17x17x10
FH10-3	3"	10	20	1	4.3	19x19x12
FH10-4	4"	10	20	1	5.9	21x21x16

F-FLOAT SWITCH



A



B



C

Technical Parameters:

Model	Cable length	Specification	Cable type	Rated current	Protection grade
F2M	2m	3x1 mm ²	H07RN-F	16(4)A	IP68
F3M	3m	3x1 mm ²	H07RN-F	16(4)A	IP68
F6M	6m	3x1 mm ²	H07RN-F	16(4)A	IP68
F10M	10m	3x1 mm ²	H07RN-F	16(4)A	IP68

JK SERIAL OF CONNECTION



Technical Parameters:

Model	Measures	PCS/ CTN	Kg/CTN	DIM/CTN	Material
JK-1	1"	847	54	54x54x60	ABS
JK-1.5	1.5"	540	54	54x54x60	ABS
JK-2	2"	294	42	54x54x60	ABS
JK-3	3"	125	31.3	54x54x60	ABS
JK-4	4"	64	32	54x54x60	ABS
JK-6	6"	27	21.6	54x54x60	ABS

HG SERIAL OF HOSE-CLAMP



Technical Parameters:

Model	Measures (mm)	PCS/ CTN	Kg/CTN	DIM/CTN	Material
HG-1	19-29	5000	70	45x37x33	Stainless steel / Cast iron
HG-1.5	32-44	1000	44	31x42x32	Stainless steel / Cast iron
HG-2	39-57	1000	48	31x45x32	Stainless steel / Cast iron
HG-3	64-76	1000	54	47x42x37	Stainless steel / Cast iron
HG-4	90-110	700	48	50x44x39	Stainless steel / Cast iron
HG-6	140-160	500	44	50x44x42	Stainless steel / Cast iron
HG-8	190-210	500	54	50x48x42	Stainless steel / Cast iron

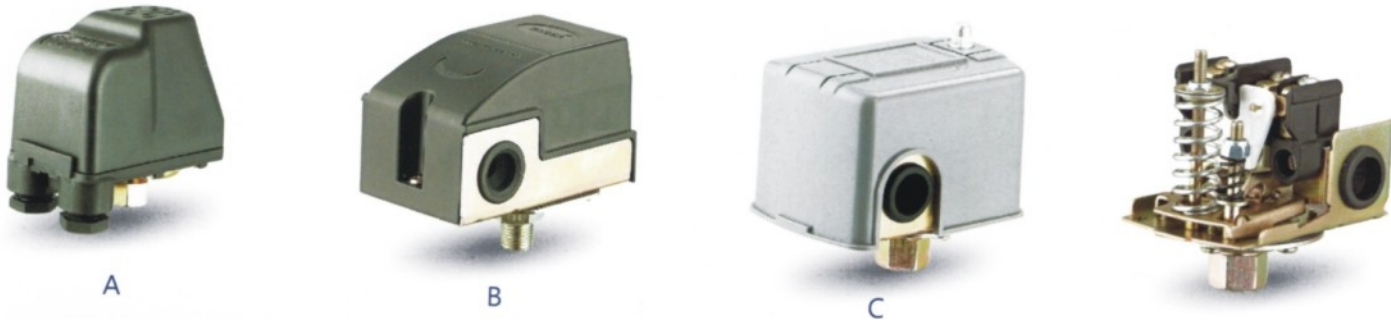
QUICK COUPLING

Technical Parameters:

Model	Material	Joint screw
HI1"	Copper/Nylon	Z1"xG1"Z1"xNPI1"
HI1 1/4"	Copper/Nylon	Z1 1/4"xG1 1/4"



PRESSURE SWITCHES



Technical Parameters:

Model	Pressure setting	Female/male
SK-2A	20-40PSI	1/4"
SK-2B	20-40PSI	1/4"
SK-2C	20-40PSI	1/4"

PRESSURE CONTROL



Technical Parameters:

Model	Voltage	Frequency	Current	Connections	Propection
DSK-1	220V-240V	50/60Hz	10A	1"x 1"	IP65
	110V-115V				
DSK-2	220V-240V	50/60Hz	12A	1"x1"	IP65
	110V-115V				
DSK-3	220V-240V	50/60Hz	10A	1"x 1"	IP65
	110V-115V				
DSK-5	220V-240V	50/60Hz	12A	1"x 1"	IP65
	110V-115V				
DSK-8	220V-240V	50/60Hz	16A	1"x 1"	IP65
	110V-115V				

PRESSURE GAUGES



Technical Parameters:

Model	Diameter	Pressure range		Connections	Joint screw
Y40C	40mm	0-180 psi	0-12kg/cm ²	Axial	Male, 1/8"
Y40	40mm	0-100 psi	0-7 kg/cm ²	Axial	Male, 1/4"
Y50-1	50mm	0-180 psi	0-12kg/cm ²	Axial	Male, 1/4"
Y60	60mm	0-230 psi	20-16kg/cm ²	Radial	Male, 1/4"

3-5 WAY FITTING

Technical Parameters:

Model	Length	Material	Thread
RAC-3C	70mm	Brass	NPT 1"
RAC-4C	80mm	Brass	NPT 1"
RAC-5C	80mm	Brass	NPT 1"
RAC-5L	90mm	Brass	NPT 1"
RAC-5F	90mm	Brass	NPT 1"



HOSES

Technical Parameters:

Model	Length	Size	Thread
HM-50	50cm	3/4"	MaleG1" x FemaleG1"
HM-60	60cm	3/4"	MaleG1" x FemaleG1"
HM-70	70cm	1"	MaleG1" x FemaleG1"
HM-90	90cm	3/4"	MaleG1" x FemaleG1"
HM-100	100cm	1"	MaleG1" x FemaleG1"
HM-120	120cm	3/4"	MaleG1" x FemaleG1"
HM-150	150cm	1"	MaleG1" x FemaleG1"
HM-180	151cm	1"	MaleG1" x FemaleG1"



SK-NON-RETURN VALVES

Technical Parameters:

- Before assembling, all parts will be cleaned, no oil or grease. Remove all burrs and sharp edges.
- Before connecting, body cap male thread should be coated with sealing glue.



SK-B6001



SK-B6005



SK-B7001



SK-B6002



SK-B6007

Technical Parameters:

Model	SIZE										MATERIAL
		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	
SK-B6001	DN	17	23	29	38	73	55	68	78	100	BRASS
	L	45	49	55	61.5	68.5	75.5	93	98	100	BRASS
SK-B6002	DN	18	24	29	38	44	56	68	78	98	BRASS
	L	65	76	85	101	117	137	155	163	183	BRASS
SK-B6005	DN	18	24	28	37	43	54	-	-	-	BRASS
	L	43	53	55	65	71	78	-	-	-	BRASS
SK-B6007	DN	14	20	24	31	37	46	53	64	74	BRASS
	L	49	57	68	76	86	100	105	124	160	BRASS
SK-B7001	DN	16.5	20	24.5	34	41.5	48	65	77	97	BRASS
	L	55	67	72	85	96	113	134.5	156	181.5	BRASS