Global Professional Manufacturer Of Mechanical And Electrical Products

Permanent Magnet Frequency Conversion Cleaning Machine

Shenyuan Electro-Machinery Incorporated Corporation

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Permanent Magnet Variable Frequency Intelligent Series Water Pumps

ISO9001

SHENYUAN

2025 Part 2
Product Catalogue

Shenyuan Electro-Machinery Incorporated Corporation

Solar Pump & Deep Well Pump SERIES

Shenyuan Electro-Machinery Incorporated Corporation
www.chinashenyuan.com

By Using Solar Energy The Submersible Pump Is Put Into The Well To Draw Water From The Deep Well, Which Can Be Used For Domestic Water Supply, Drinking Water, Agricultural Irrigation And Drinking Water For Cattle And Sheep.

Solar Pump

Controller Introduction

Applications:120W-1500W

Low voltage & simple version

Exquisite style, easy installation, intelligent protection, efficient MPPT, only use photovoltaic power supply, voltage suitable for 30-110V electric pump.

Applications:120W-1500W

Low voltage & digital display version

Novel style, easy to operate, easy to install, intelligent protection, efficient MPPT, with digital display screen, more convenient find fault, only photovoltaic power supply, voltage suitable for 30-110V electric pump.

Applications: 750W-2200W

AC/ DC Automatic Switching Type

The product has full voltage. high torque, high precision, efficient MPPT tracking and multiple protection functions. Its components have long service life and high reliability. Photovoltaic supply and single phase supply can be connected at the same time. When the photovoltaic supply is lower than its set input, it will automatically switch to Single phase power supply to realize all-weather uninterrupted use.

Applications: 750W-2200W

AC/ DC Mixed Energy Saving and Efficiency Type

It can realize whole day uninterrupted use, with automatic intelligent AC/ DC mixed compensation. It always takes photovoltaic supply as the main energy and AC power supply as the auxiliary supply, so as to maximize the utilization rate of photovoltaic energy and ensure the water pump runs in total power and full load, which has high economic value. Intelligent protection, never burn-in, efficient MPPT tracking, strong universality, external plug-in is easy to install, it's energy efficiency and environmental protection.

DC Solar Pump

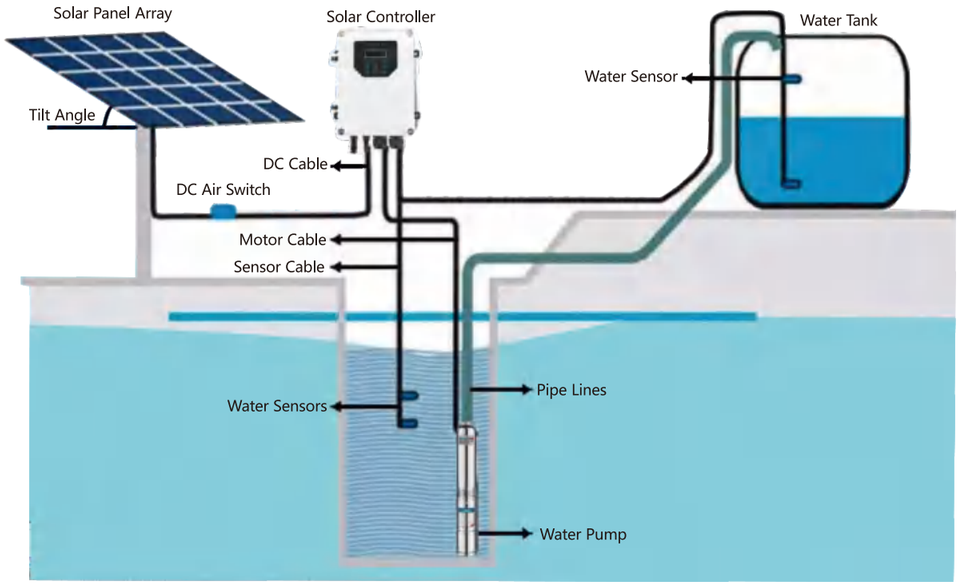
Professional Solar Pump Manufacturer

By Using Solar Energy The Submersible Pump Is Put Into The Well To Draw Water From The Deep Well, Which Can Be Used For Domestic Water Supply, Drinking Water, Agricultural Irrigation And Drinking Water For Cattle And Sheep.

SHENYUAN
ISO9001

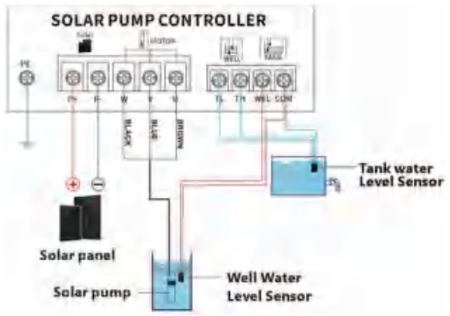
Green New Energy

Environment Protection



ADVANTAGES OF DC SOLAR PUMP

1. Permanent magnet Dc brushless synchronous motor: The efficiency is improved by 25%, Save energy; Reduce the consumption of solarpanels
2. 304 S/S pump shaft
3. MPPT funct ion, the solar power utilization rate is higher
4. Brass or stainless steel outlet/connector/oilcylinder
5. Japanese NSK bearing: prolong the working life
6. Double bearing motor base: can work under more axial pressure
7. Alloy mechanical seal: Longer working life and high reliability
8. Motor coil is made by automatic winding machine with centralized winding technology, motor efficiency is much improved
9. Intelligent water shortage protection: The pump stops working automatically when there is no water in the well, and auto start protection function for 10 minutes



DC CONTROLLER WORKING ENVIRONMENT AND ELECTRICALPROPERTY

Controller and Pump Matching Method					
Controller Model	Adaptable Pump	Max. Input Current (A)	Max. Open Circuit Voltage (V)	MPPT Voltage Range(V)	Working Temperature (°C)
SY-24	Rated 24V Pump	15	< 50	24-36	-15-60
SY-36	Rated 36V Pump	15	< 50	24-36	-15-60
SY-48	Rated 48V Pump	15	< 100	48-72	-15-60
SY-72	Rated 72V Pump	15	< 150	72-108	-15-60
SY-110	Rated 110V Pump	15	< 200	96-144	-15-60

3SYS

Solar power brushless screw pump

High Lift

MPPT Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% The Efficiency Is Improved By 25%

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
3SYS1.2-56-24-120	24V	30-48V	120	1.2	56	0.75"	< 50V	36	250	1	
3SYS1.2-77-36-210	26V	30-48V	210	1.2	77	0.75"	< 50V	36	300	1	
3SYS1.7-109-48-500	48V	60-90V	500	1.7	109	0.75"	< 100V	36	330	2	
3SYS2.0-150-48-750	48V	60-90V	750	2.0	150	0.75"	< 100V	36	250	4	
3SYS2.0-150-72-750	72V	90-120V	750	2.0	150	0.75"	< 150V	36	330	3	
3SYS2.2-180-72-1100	72V	90-120V	1100	2.2	180	0.75"	< 150V	36	250	4	

3SYD

Plastic Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well

The Pump Is Compact And Easy To Use

MPPT Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% The Efficiency Is Improved By 25%

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
3SYD3-25-24-200	24V	30-48V	200	3.0	25	1.25"	< 50V	36	300	1	
3SYD3-35-24-300	24V	30-48V	300	3.0	35	1.25"	< 50V	36	250	2	
3SYD3.5-47-48-400	48V	60-90V	400	3.5	47	1.25"	< 100V	36	300	2	
3SYD3.5-80-48-600	48V	60-90V	600	3.5	80	1.25"	< 100V	36	250	4	
3SYD3.5-95-48-750	48V	60-90V	750	3.5	95	1.25"	< 100V	36	250	4	
3SYD3.5-80-72-600	72V	90-120V	600	3.5	80	1.25"	< 150V	36	300	3	
3SYD3.5-95-72-750	72V	90-120V	750	3.5	95	1.25"	< 150V	36	330	3	
3SYD3.8-123-72-1100	72V	90-120V	1100	3.8	123	1.25"	< 150V	36	250	6	
3SYD3.8-123-110-1100	110V	110-150V	1100	3.8	123	1.25"	< 200V	36	360	4	
3SYD3.8-155-110-1300	110V	110-150V	1300	3.8	155	1.25"	< 200V	36	300	6	
3SYD3.8-180-110-1500	110V	110-150V	1500	3.8	180	1.25"	< 200V	36	300	8	

3SYD

Plastic Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well

- The Pump Is Compact And Easy To Use
- MPPT — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher
- +25% — The Efficiency Is Improved By 25%

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
3SYD5-45-48-500	48V	60-90V	500	5	45	1.5"	< 100V	36	330	2	
3SYD5.2-50-48-600	48V	60-90V	600	5.2	50	1.5"	< 100V	36	250	4	
3SYD5.2-50-72-600	72V	90-120V	600	5.2	50	1.5"	< 150V	36	300	3	
3SYD5.2-65-72-750	72V	90-120V	750	5.2	65	1.5"	< 150V	36	330	3	
3SYD5.2-75-110-750	110V	110-150V	750	5.5	65	1.5"	< 200V	36	250	4	
3SYD5.2-75-110-750	110V	110-150V	750	5.5	75	1.5"	< 200V	36	250	4	
3SYD6-84-110-1100	110V	110-150V	1100	6	84	1.5"	< 200V	36	360	4	
3SYD6-125-110-1500	110V	110-150V	1500	6	125	1.5"	< 200V	36	300	8	
3SYD7-46-72-750	72V	90-120V	750	7	46	1.5"	< 150V	36	330	3	
3SYD7-46-110-750	110V	110-150V	750	7	46	1.5"	< 200V	36	250	4	
3SYD7.5-62-110-1100	110V	110-150V	1100	7.5	62	1.5"	< 200V	36	360	4	
3SYD7.5-78-110-1500	110V	110-150	1500	7.5	78	1.5"	< 200V	36	300	8	

3SYP

Stainless Steel Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well

- 304 — The Pump Body And Impeller Are All 304 Stainless Steel
- MPPT — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher
- +25% — The Efficiency Is Improved By 25%

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
3SYP4-35-24-300	24V	30-48V	300	4	35	1.25"	< 50V	36	250	2	
3SYP4-50-48-400	48V	60-90V	400	4	50	1.25"	< 100V	36	300	2	
3SYP4-80-48-600	48V	60-90V	600	4	80	1.25"	< 100V	36	250	4	
3SYP4.8-95-72-750	72V	90-120V	750	4.8	95	1.25"	< 150V	36	330	3	
3SYP4.8-112-72-1100	72V	90-120V	1100	4.8	112	1.25"	< 150V	36	250	6	
3SYP4.8-112-110-1100	110V	110-150V	1100	4.8	112	1.25"	< 200V	36	360	4	
3SYP4.8-135-110-1500	110V	110-150V	1500	4.8	135	1.25"	< 200V	36	300	8	

4SYD

Plastic Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well

High Lift

MPPT Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% The Efficiency Is Improved By 25%

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
4SYD6-42-48-600	48V	60-90V	600	6.0	42	1.25"	< 100V	36	250	4	
4SYD6-56-48-750	48V	60-90V	750	6.0	42	1.25"	< 100V	36	250	4	
4SYD6-42-72-600	72V	90-120V	600	6.0	56	1.25"	< 150V	36	300	3	
4SYD6-56-72-750	72V	90-120V	750	6.0	56	1.25"	< 150V	36	330	3	
4SYD6-84-72-1100	72V	90-120V	1100	6.0	84	1.25"	< 150V	36	250	6	
4SYD6-84-110-1100	110V	110-150V	1100	6.0	84	1.25"	< 200V	36	360	4	
4SYD6-112-110-1300	110V	110-150V	1300	6.0	112	1.25"	< 200V	36	300	6	
4SYD6-135-110-1500	110V	110-150V	1500	6.0	135	1.25"	< 200V	36	300	8	

4SYD
Plastic Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well

High Lift

MPPT Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% The Efficiency Is Improved By 25%

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
4SYD9-45-110-750	110V	110-150V	750	9	45	2"	< 200V	36	250	4	
4SYD9-58-110-1100	110V	110-150V	1100	9	58	2"	< 200V	36	360	4	
4SYD9-71-110-1300	110V	110-150V	1300	9	71	2"	< 200V	36	300	6	
4SYD9-85-110-1500	110V	110-150V	1500	9	85	2"	< 200V	36	300	8	
4SYD13-36-110-750	110V	110-150V	750	13	36	2"	< 200V	36	250	4	
4SYD13-49-110-1100	110V	110-150V	1100	13	49	2"	< 200V	36	360	4	
4SYD13-54-110-1300	110V	110-150V	1300	13	54	2"	< 200V	36	300	6	
4SYD13-60-110-1500	110V	110-150V	1500	13	60	2"	< 200V	36	300	8	
4SYD17-48-110-1500	110V	110-150V	1500	17	48	2"	< 200V	36	300	8	

4SYP

Stainless Steel Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well

304 The Pump Body And Impeller Are All 304 Stainless Steel

MPPT Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% The Efficiency Is Improved By 25%

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
4SYP5.2-45-48-500	48V	60-90V	500	5.2	45	1.25"	< 100V	36	330	2	
4SYP5.2-67-48-750	48V	60-90V	750	5.2	67	1.25"	< 100V	36	250	4	
4SYP5.2-67-72-750	72V	90-120V	750	5.2	67	1.25"	< 150V	36	330	3	
4SYP5.2-101-72-1100	72V	90-120V	1100	5.2	101	1.25"	< 150V	36	250	6	
4SYP5.2-101-110-1100	110V	110-150V	1100	5.2	101	1.25"	< 200V	36	360	4	
4SYP5.2-146-110-1300	110V	110-150V	1300	5.2	146	1.25"	< 200V	36	300	6	
4SYP4.8-203-110-1500	110V	110-150V	1500	4.8	203	1.25"	< 200V	36	300	8	
4SYP7.5-80-110-1300	110V	110-150V	1300	7.5	80	1.25"	< 200V	36	300	6	
4SYP7.5-100-110-1500	110V	110-150V	1500	7.5	100	1.25"	< 200V	36	300	8	

SHENYUAN ISO9001

4SYP

Stainless Steel Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well

304 The Pump Body And Impeller Are All 304 Stainless Steel

MPPT Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% The Efficiency Is Improved By 25%

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
4SYP11-60-110-1500	110V	110-150V	1500	11	60	2"	< 200V	36	300	8	
4SYP19-35-110-1500	110V	110-150V	1500	19	35	2"	< 200V	36	300	8	
4SYP25-26-110-1500	110V	110-150V	1500	25	26	2"	< 200V	36	300	8	
4SYP30-19-72-1100	72V	90-120V	1500	30	19	3"	< 200V	36	250	6	
4SYP36-22-110-1500	110V	110-150V	1500	36	22	3"	< 200V	36	300	8	

AC/DC

Mixed Compensation

Single Solar Energy Mode:

The controller can be used for single solar energy mode. The maximum current is 12A, and the maximum power can be traced by MPPT algorithm. The running rotate speed of the water pump is decided by the power of the solar panel, the highest rotate speed of the water pump, the maximum power and the temperature of the controller. The water pump will keep the present rotate speed or reduce the rotate speed when any of these conditions is met.

Single AC Mode:

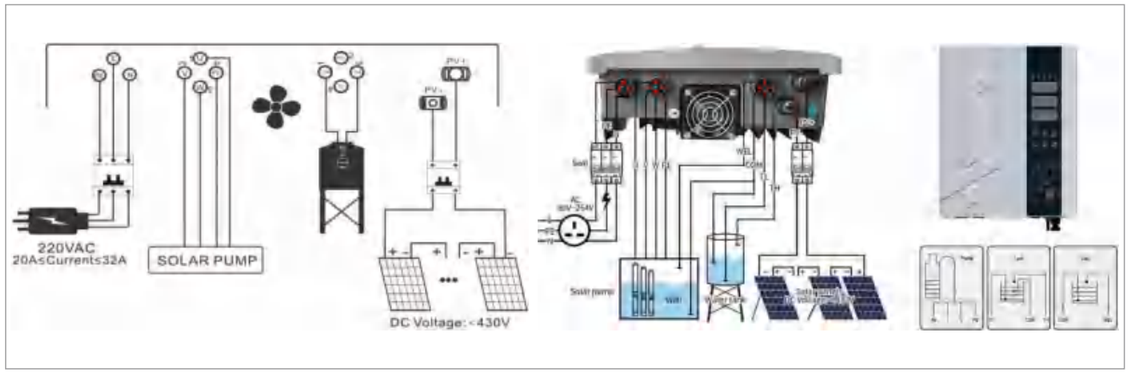
The controller can be used for single AC mode, and the maximum AC input is 13A (different because of various models) . The running rotate speed of the water pump is decided by Ac input current, the highest rotate speed of the water pump, the maximum power and the temperature of the controller. The water pump will keep the present rotate speed or reduce the rotate speed when any of these conditions is met.

Full-power AC and DC Mixed Compensation Mode:

The maximum DC current is 12 A in the full-power Ac and Dc compensation mode. The DC current is precedential and can be input in all day. The minimum power of the solar panel can be 1 W. When the power of the solar energy is insufficient, the power will be compensated in the AC side to ensure that the power of the water pump can run normally, to meet the full-power of the water pump. The running rotate speed of the water pump is still decided by AC input current, the highest rotate speed of the water pump, the maximum power and the temperature of the controller in this mode. The water pump will keep the present rotate speed or reduce the rotate speed when any of these conditions is met.

User-defined AC Power Running Mode:

The user-defined Ac power running mode is a programmable mixed compensation mode. The user can access to the setting mode to set the maximum output of Ac power, to achieve the goal of saving AC current. The user can press the" Switch" key for a long time to start the mode, and the indicator Ac-Lim will be on.



AC/DC HYBRID COMPLEMENTARITY CONTROLLER WORKING ENVIRONMENT AND ELECTRICALPROPERTY

Controller and Pump Matching Method						
Controller Model	Adaptable Pump	DC Max. Input Current (A)	AC Max. Input Current (A)	DC Input Voltage (V)	AC Input Voltage (V)	Working Temperature (°C)
SY-AC220V/DC110V	Rated AC220V/DC110V Pump	12	15	80-410	150-264	-15-60
SY-AC220V/DC150V	Rated AC220V/DC150V Pump	12	15	80-410	150-264	-15-60
SY-AC220V/DC200V	Rated AC220V/DC200V Pump	12	15	80-410	150-264	-15-60
SY-AC220V/DC300V	Rated AC220V/DC300V Pump	12	15	80-410	150-264	-15-60

AC/DC

Automatic switching

Single AC Power Supply (AC only):

After power on, the relay is closed and the controller operates with AC power. After the power supply is stopped, the relay is disconnected and the controller stops working.

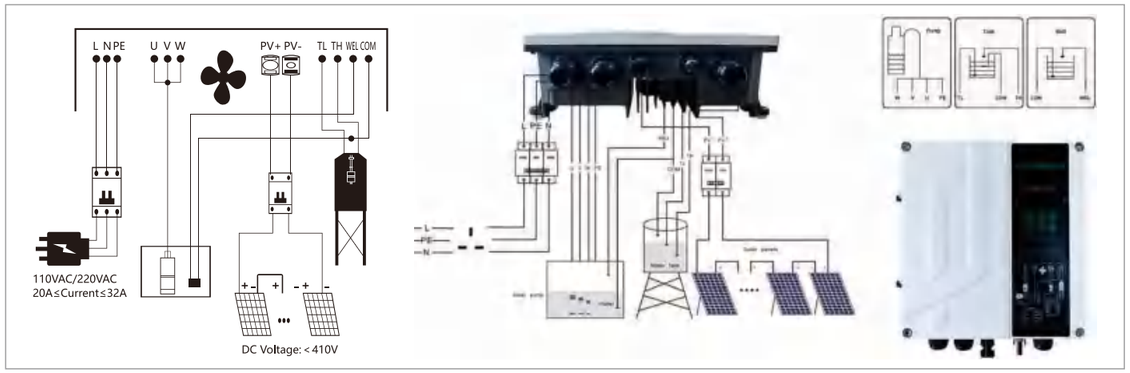
Single DC Power Supply (DC only):

a) Sufficient DC power
After power on, the relay is closed and the controller operates with DC power. After the power supply is stopped, the relay is disconnected and the controller stops working.
b) Insufficient DC power
After the power on relay is pulled in, the DC power is insufficient, and the relay will be disconnected immediately. After a certain time delay, the relay will be pulled in again, and the process will be repeated.

Simultaneous AC and DC Power Supply (DC Power Is Preferred):

a) Power on process
① AC power first and then DC power: after AC power is supplied, the controller operates with Ac power; When DC power is applied again, the controller will switch to Dc power immediately after detecting Dc power.

② Apply DC power before AC power: after DC power is applied, the controller operates with DC power; When Ac power is supplied again, the controller will continue to operate with DC power.
b) Operation process
The controller works in the Dc power supply state. If the current Dc power is lower than the minimum DC power value (500w by default) and lasts for 3 minutes, the controller switches to Ac operation. After using Ac power for a period of time (the default factory setting is 10 minutes) , it will switch to DC again and repeat this process.



AC/DC AUTOMATIC SWITCHING CONTROLLER WORKING ENVIRONMENT AND ELECTRICALPROPERTY

Controller and Pump Matching Method						
Controller Model	Adaptable Pump	DC Max. Input Current (A)	AC Max. Input Current (A)	DC Input Voltage (V)	AC Input Voltage (V)	Working Temperature (°C)
SY-AC220V/DC110V	Rated AC220V/DC110V Pump	12	20	108-410	100-264	-15-60
SY-AC220V/DC150V	Rated AC220V/DC150V Pump	12	20	108-410	100-264	-15-60
SY-AC220V/DC200V	Rated AC220V/DC200V Pump	12	20	108-410	100-264	-15-60
SY-AC220V/DC300V	Rated AC220V/DC300V Pump	12	20	108-410	100-264	-15-60

3SYD-A/D

Plastic Impeller AC/ DC Solar Well Submersible Pump

AC/DC — AC and DC Dual Use

MPPT — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% — The Efficiency Is Improved By 25%

AC/DC Auto switching Controller

AC/DC Hybrid complementarity controller

TECHNICAL DATA

Model	Voltage	Voltage	Power	Max. Flow	Max. Head	Outlet	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(AC)	(DC)	(W)	(m³/h)	(m)	(in)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
3YSD3.5-95-110-A/D	85V-280V	80V-420V	750	3.5	95	1.25"	36	340	3	
3YSD3.5-123-150-1100-A/D	85V-280V	80V-420V	1100	3.5	123	1.25"	36	340	4	
3YSD3.5-155-150-1300-A/D	85V-280V	80V-420V	1300	3.5	155	1.25"	36	340	5	
3YSD3.5-180-200-1500-A/D	85V-280V	80V-420V	1500	3.5	180	1.25"	36	340	6	
3YSD5.2-75-110-750-A/D	85V-280V	80V-420V	750	5.2	75	1.5"	36	340	3	
3YSD5.5-65-110-750-A/D	85V-280V	80V-420V	750	5.5	65	1.5"	36	340	3	
3YSD6-84-150-1100-A/D	85V-280V	80V-420V	1100	6	84	1.5"	36	340	4	
3YSD6-125-200-1500-A/D	85V-280V	80V-420V	1500	6	125	1.5"	36	340	6	
3YSD7-46-110-750-A/D	85V-280V	80V-420V	750	7	46	1.5"	36	340	3	
3YSD7.5-62-150-1100-A/D	85V-280V	80V-420V	1100	7.5	62	1.5"	36	340	4	
3YSD7.5-78-200-1500-A/D	85V-280V	80V-420V	1500	7.5	78	1.5"	36	340	6	

3SYP-A/D

Plastic Impeller AC/ DC Solar Well Submersible Pump

AC/DC — AC and DC Dual Use

MPPT — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% — The Efficiency Is Improved By 25%

AC/DC Auto switching Controller

AC/DC Hybrid complementarity controller

TECHNICAL DATA

Model	Voltage	Voltage	Power	Max. Flow	Max. Head	Outlet	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(AC)	(DC)	(W)	(m³/h)	(m)	(in)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
3SYP4.8-95-110-750-A/D	85V-280V	80V-420V	750	4.8	95	1.25"	36	340	3	
3SYP4.8-110-150-1100-A/D	85V-280V	80V-420V	1100	4.8	110	1.25"	36	340	4	
3SYP4.8-130-200-1500-A/D	85V-280V	80V-420V	1300	4.8	130	1.25"	36	340	6	

4SYD-A/D

Plastic Impeller AC/ DC Solar Well Submersible Pump

AC/DC — AC and DC Dual Use

MPPT — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% — The Efficiency Is Improved By 25%

AC/DC Auto switching Controller

AC/DC Hybrid complementarity controller

TECHNICAL DATA

Model	Voltage	Voltage	Power	Max. Flow	Max. Head	Outlet	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(AC)	(DC)	(W)	(m³/h)	(m)	(in)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
4SYD6-56-110-750-A/D	85V-280V	80V-420V	750	6	56	1.25"	36	340	3	
4SYD6-85-150-1100-A/D	85V-280V	80V-420V	1100	6	85	1.25"	36	340	4	
4SYD6-112-150-1300-A/D	85V-280V	80V-420V	1300	6	112	1.25"	36	340	5	
4SYD6-135-200-1500-A/D	85V-280V	80V-420V	1500	6	135	1.25"	36	340	6	
4SYD9-45-110-750-A/D	85V-280V	80V-420V	750	9	45	2"	36	340	3	
4SYD9-58-150-1100-A/D	85V-280V	80V-420V	1100	9	58	2"	36	340	4	
4SYD9-71-150-1300-A/D	85V-280V	80V-420V	1300	9	71	2"	36	340	5	
4SYD9-85-200-1500-A/D	85V-280V	80V-420V	1500	9	85	2"	36	340	6	

SHENYUAN
ISO9001

4SYD-A/D

Plastic Impeller AC/ DC Solar Well Submersible Pump

AC/DC — AC and DC Dual Use

MPPT — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% — The Efficiency Is Improved By 25%

AC/DC Auto switching Controller

AC/DC Hybrid complementarity controller

TECHNICAL DATA

Model	Voltage	Voltage	Power	Max. Flow	Max. Head	Outlet	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(AC)	(DC)	(W)	(m³/h)	(m)	(in)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
4SYD13-36-110-750-A/D	85V-280V	80V-420V	750	13	36	2"	36	340	3	
4SYD13-49-150-1100-A/D	85V-280V	80V-420V	1100	13	49	2"	36	340	4	
4SYD13-54-150-1300-A/D	85V-280V	80V-420V	1300	13	54	2"	36	340	5	
4SYD13-60-200-1500-A/D	85V-280V	80V-420V	1500	13	60	2"	36	340	6	
4SYD17-48-200-1500-A/D	85V-280V	80V-420V	750	17	48	2"	36	340	6	
4SYD6-175-300-2200-A/D	85V-280V	80V-420V	2200	6	175	1.25"	36	340	8	
4SYD9.5-125-300-2200-A/D	85V-280V	80V-420V	2200	9.5	125	2"	36	340	8	
4SYD13-110-300-2200-A/D	85V-280V	80V-420V	2200	13	110	2"	36	340	8	

4SYP-A/D

Plastic Impeller AC/ DC Solar Well Submersible Pump

- **AC/DC** — AC and DC Dual Use
- **304** — The Pump Body And Impeller Are All 304 Stainless Steel
- **+25%** — The Efficiency Is Improved By 25%
- **MPPT** — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

TECHNICAL DATA

Model	Voltage	Voltage	Power	Max. Flow	Max. Head	Outlet	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(AC)	(DC)	(W)	(m³/h)	(m)	(in)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
4SYP5.2-67-110-750-A/D	85V-280V	80V-420V	750	5.2	67	1.25"	36	340	3	
4SYP4.8-203-200-1500-A/D	85V-280V	80V-420V	1500	4.8	203	1.25"	36	340	6	
4SYP5.2-101-150-1100-A/D	85V-280V	80V-420V	1100	5.2	101	1.25"	36	340	4	
4SYP5.2-146-200-1300-A/D	85V-280V	80V-420V	1300	5.2	146	1.25"	36	340	5	
4SYP7.5-80-150-1300-A/D	85V-280V	80V-420V	1500	7.5	80	1.25"	36	340	5	
4SYP7.5-100-200-1500-A/D	85V-280V	80V-420V	1500	7.5	100	1.25"	36	340	6	
4SYP11-60-200-1500-A/D	85V-280V	80V-420V	1500	11	60	2"	36	340	6	
4SYP19-35-200-1500-A/D	85V-280V	80V-420V	1500	19	35	2"	36	340	6	
4SYP25-26-200-1500-A/D	85V-280V	80V-420V	1500	25	26	2"	36	340	6	
4SYP30-19-150-1100-A/D	85V-280V	80V-420V	1100	30	19	3"	36	340	4	
4SYP36-22-200-1500-A/D	85V-280V	80V-420V	1500	36	22	3"	36	340	6	

SHENYUAN
ISO9001

4SYP-A/D

Plastic Impeller AC/ DC Solar Well Submersible Pump

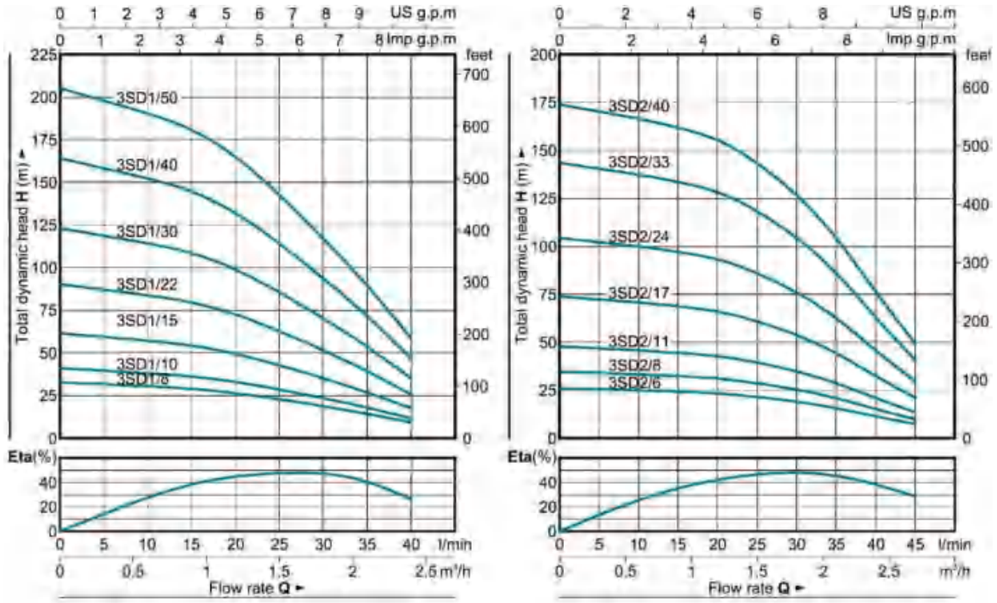
- **AC/DC** — AC and DC Dual Use
- **304** — The Pump Body And Impeller Are All 304 Stainless Steel
- **+25%** — The Efficiency Is Improved By 25%
- **MPPT** — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

TECHNICAL DATA

Model	Voltage	Voltage	Power	Max. Flow	Max. Head	Outlet	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(AC)	(DC)	(W)	(m³/h)	(m)	(in)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
4SYP5.2-255-300-2200-A/D	85V-280V	80V-420V	2200	5.2	255	1.25"	36	340	8	
4SYP7.5-150-300-2200-A/D	85V-280V	80V-420V	2200	7.5	150	1.25"	36	340	8	
4SYP11-120-300-2200-A/D	85V-280V	80V-420V	2200	11	120	2"	36	340	8	
4SYP19-60-300-2200-A/D	85V-280V	80V-420V	2200	19	60	2"	36	340	8	
4SYP30-36-300-2200-A/D	85V-280V	80V-420V	2200	30	36	2"	36	340	8	
4SYP36-38-300-2200-A/D	85V-280V	80V-420V	2200	36	38	2"	36	340	8	

3SD & 3.5SD SERIES (3SD1 & 3SD2)

3"



PERFORMANCE DATA 50HZ

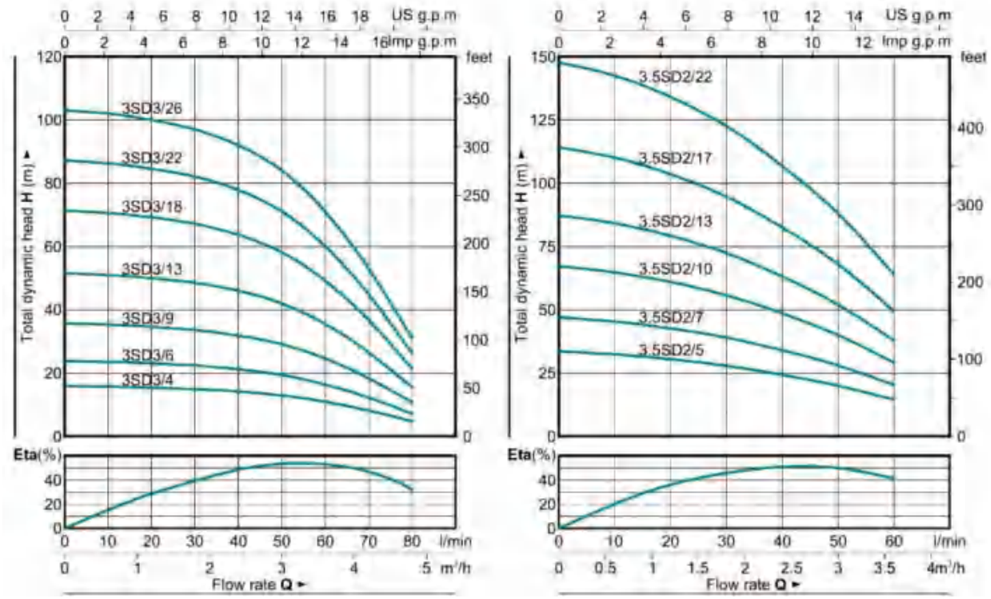
Outlet:G1"~G1½"

MODEL		P2		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
					l/min	0	5	10	15	20	25	30	35	40
3SDM1/8	3SD1/8	0.18	0.25	H(m)		33	32	30	29	26	23	19	14	9
3SDM1/10	3SD1/10	0.25	0.33			41	40	38	36	33	29	23	18	12
3SDM1/15	3SD1/15	0.37	0.5			62	59	57	54	49	43	35	27	18
3SDM1/22	3SD1/22	0.55	0.75			90	87	84	80	73	63	51	39	26
3SDM1/30	3SD1/30	0.75	1			123	119	114	109	99	86	70	54	35
3SDM1/40	3SD1/40	1.1	1.5			164	158	152	145	132	114	94	71	47
3SDM1/50	3SD1/50	1.5	2			205	198	190	181	165	143	117	89	59

MODEL		P2		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
					l/min	0	5	10	15	20	25	30	35	40	45
3SDM2/6	3SD2/6	0.18	0.25	H(m)		26	26	25	24	23	21	19	16	11	7
3SDM2/8	3SD2/8	0.25	0.33			35	34	33	32	31	29	25	21	15	10
3SDM2/11	3SD2/11	0.37	0.5			48	47	46	45	43	39	35	29	21	14
3SDM2/17	3SD2/17	0.55	0.75			74	72	71	69	66	61	54	44	32	21
3SDM2/24	3SD2/24	0.75	1			104	102	100	97	93	86	76	63	46	30
3SDM2/33	3SD2/33	1.1	1.5			144	140	137	134	128	118	104	86	63	41
3SDM2/40	3SD2/40	1.5	2			174	170	167	162	155	143	127	104	76	49

3SD3 & 3.5SD2

3.5"



PERFORMANCE DATA 50HZ

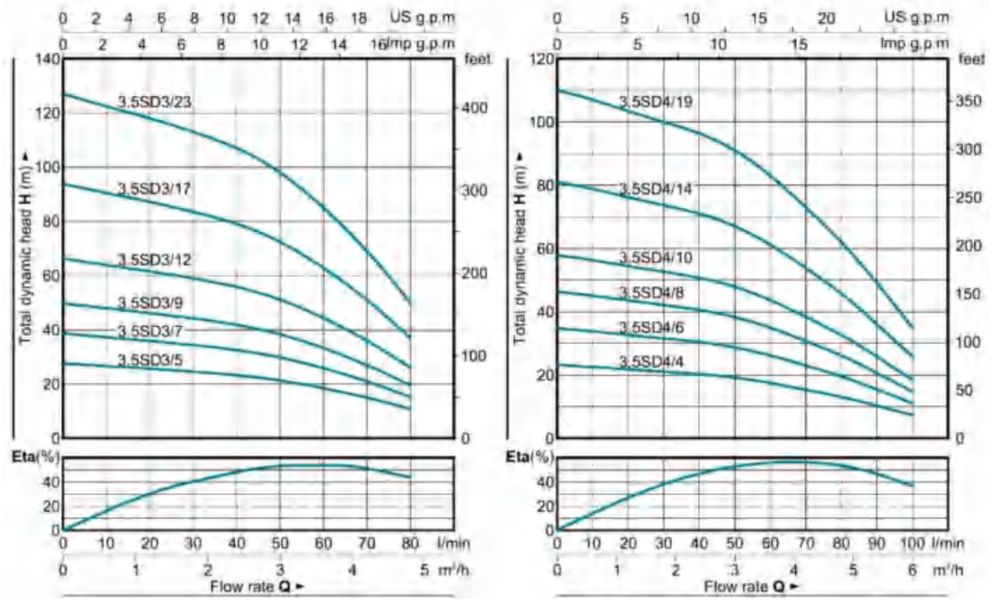
Outlet:G1"~G1½"

MODEL		P2		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
					l/min	0	10	20	30	40	50	60	70	80
3SDM3/4	3SD3/4	0.18	0.25	H(m)		16	16	15	15	14	13	11	8	5
3SDM3/6	3SD3/6	0.25	0.33			24	24	23	22	21	19	16	12	7
3SDM3/9	3SD3/9	0.37	0.5			36	35	35	34	32	29	25	18	11
3SDM3/13	3SD3/13	0.55	0.75			52	51	50	49	46	42	36	27	16
3SDM3/18	3SD3/18	0.75	1			71	71	69	67	64	58	49	37	21
3SDM3/22	3SD3/22	1.1	1.5			87	86	85	82	78	71	60	45	26
3SDM3/26	3SD3/26	1.5	2			103	102	100	97	92	84	71	53	31

MODEL		P2		DELIVERY n≈2850 1/min							
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6
					l/min	0	10	20	30	40	50	60
3.5SDM2/5	3.5SD2/5	0.25	0.33	H(m)		34	32	30	28	24	20	15
3.5SDM2/7	3.5SD2/7	0.37	0.5			47	45	43	39	34	28	20
3.5SDM2/10	3.5SD2/10	0.55	0.75			67	65	61	56	49	40	29
3.5SDM2/13	3.5SD2/13	0.75	1			87	84	79	72	63	52	38
3.5SDM2/17	3.5SD2/17	1.1	1.5			114	110	104	95	83	68	49
3.5SDM2/22	3.5SD2/22	1.5	2			148	142	134	123	107	88	64

3.5SD3 & 3.5SD4

3.5"



PERFORMANCE DATA 50HZ

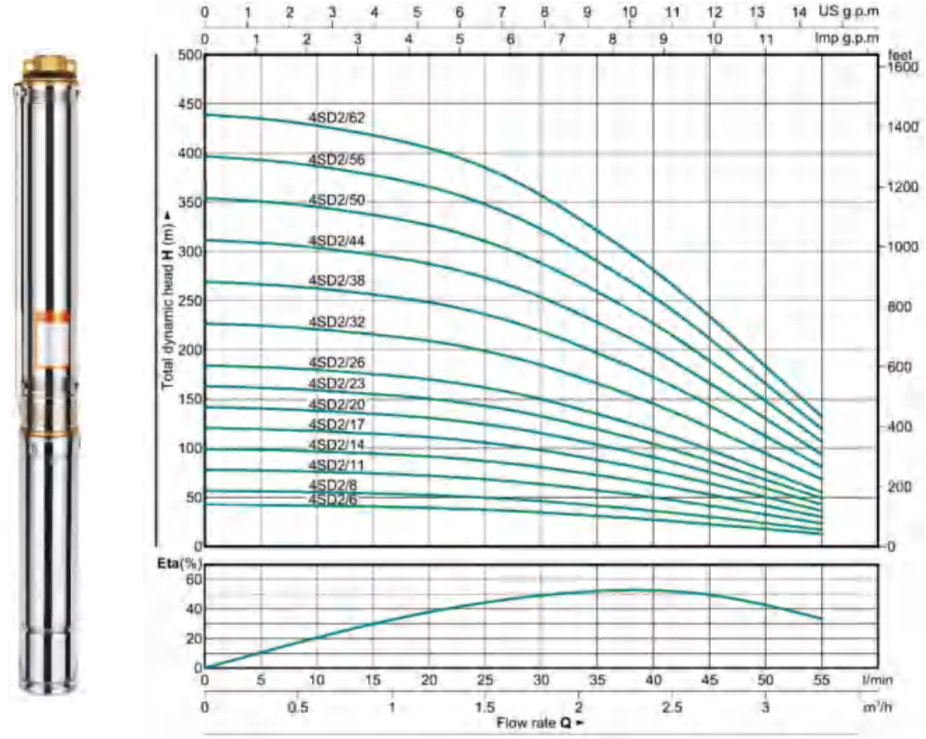
Outlet:G1"~G1½"

MODEL		P2		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	
				Q l/min	0	10	20	30	40	50	60	70	80	
3.5SDM3/5	3.5SD3/5	0.25	0.33	H(m)	28	27	26	25	23	21	18	15	11	
3.5SDM3/7	3.5SD3/7	0.37	0.5		39	37	36	34	33	30	26	21	15	
3.5SDM3/9	3.5SD3/9	0.55	0.75		50	48	46	44	42	38	33	27	20	
3.5SDM3/12	3.5SD3/12	0.75	1		72	69	67	64	60	55	48	39	28	
3.5SDM3/17	3.5SD3/17	1.1	1.5		94	90	87	84	79	72	63	51	37	
3.5SDM3/23	3.5SD3/23	1.5	2		127	122	118	113	107	98	85	69	50	

MODEL		P2		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
				Q l/min	0	10	20	30	40	50	60	70	80	90	100
3.5SDM4/4	3.5SD4/4	0.25	0.33	H(m)	23	23	22	21	20	19	17	15	13	10	7
3.5SDM4/6	3.5SD4/6	0.37	0.5		35	34	33	32	30	29	26	23	20	15	11
3.5SDM4/8	3.5SD4/8	0.55	0.75		46	45	44	42	41	38	35	31	26	21	15
3.5SDM4/10	3.5SD4/10	0.75	1		58	56	54	53	51	48	44	38	33	26	18
3.5SDM4/14	3.5SD4/14	1.1	1.5		81	79	76	74	71	67	61	54	46	36	26
3.5SDM4/19	3.5SD4/19	1.5	2		110	107	103	100	96	91	83	73	62	49	35

4SD SERIES (4SD2)

4"



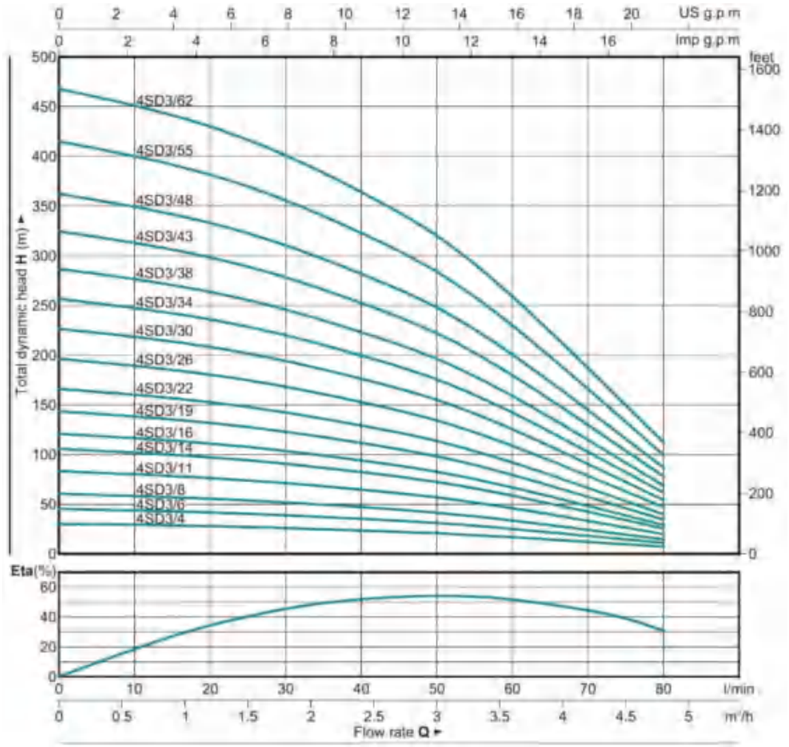
PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P2		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3
				Q l/min	0	5	10	15	20	25	30	35	40	45	5	55
4SDM2/6	4SD2/6	0.25	0.55	H(m)	42	42	41	40	39	37	35	31	29	23	18	13
4SDM2/8	4SD2/8	0.37	0.5		57	56	55	54	52	50	46	41	36	30	24	17
4SDM2/11	4SD2/11	0.55	0.75		78	77	76	74	72	68	63	57	50	42	32	23
4SDM2/14	4SD2/14	0.75	1		99	98	97	94	91	87	81	72	63	53	41	30
4SDM2/17	4SD2/17	0.92	1.25		120	119	117	115	111	106	98	88	77	64	50	36
4SDM2/20	4SD2/20	1.1	1.5		142	140	138	135	131	124	115	104	91	75	59	43
4SDM2/23	4SD2/23	1.3	1.75		163	161	159	155	150	143	132	119	104	87	68	49
4SDM2/26	4SD2/26	1.5	2		184	182	179	175	170	161	150	135	118	98	77	55
4SDM2/32	4SD2/32	1.8	2.5		227	225	221	216	209	199	184	166	145	121	94	68
4SDM2/38	4SD2/38	2.2	3		269	267	262	256	248	236	219	197	172	143	112	81
4SDM2/44	4SD2/44	2.6	3.5		312	309	304	297	287	273	253	228	199	166	130	94
—	4SD2/50	3	4		354	351	345	337	327	310	288	259	227	189	148	106
—	4SD2/56	3.7	5		397	393	387	378	366	348	322	290	254	211	165	119
—	4SD2/62	4	5.5		439	435	428	418	405	385	357	321	281	234	183	132

4SD3

4"



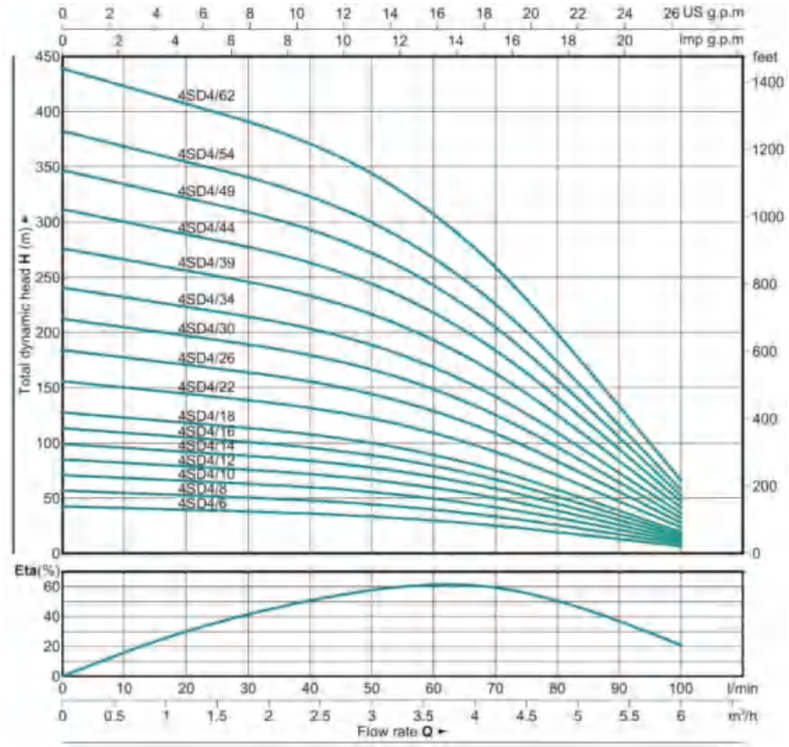
PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P2		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	
				Q l/min	0	10	20	30	40	50	60	70	80	
4SDM3/4	4SD3/4	0.25	0.33	H(m)	30	29	28	26	23	21	17	12	7	
4SDM3/6	4SD3/6	0.37	0.5		45	44	42	39	35	31	25	18	11	
4SDM3/8	4SD3/8	0.55	0.75		60	58	55	52	47	41	33	24	14	
4SDM3/11	4SD3/11	0.75	1		83	80	76	71	65	57	46	33	20	
4SDM3/14	4SD3/14	0.92	1.25		106	102	97	91	82	72	58	42	25	
4SDM3/16	4SD3/16	1.1	1.5		121	116	111	103	94	83	67	48	29	
4SDM3/19	4SD3/19	1.3	1.75		143	138	132	123	112	98	79	57	34	
4SDM3/22	4SD3/22	1.5	2		166	160	153	142	129	114	92	66	40	
4SDM3/26	4SD3/26	1.8	2.5		196	189	180	168	153	134	109	78	47	
4SDM3/30	4SD3/30	2.2	3		226	218	208	194	176	155	125	90	54	
4SDM3/34	4SD3/34	2.6	3.5		257	247	236	220	200	175	142	103	61	
—	4SD3/38	3	4		287	276	264	246	223	196	159	115	69	
—	4SD3/43	3.7	5		325	313	298	278	252	222	180	130	78	
—	4SD3/48	4	5.5		362	349	333	310	282	248	201	145	87	
—	4SD3/55	5	7		415	400	381	356	323	284	230	166	99	
—	4SD3/62	5.5	7.5		468	451	430	401	364	320	259	187	112	

4SD4

4"



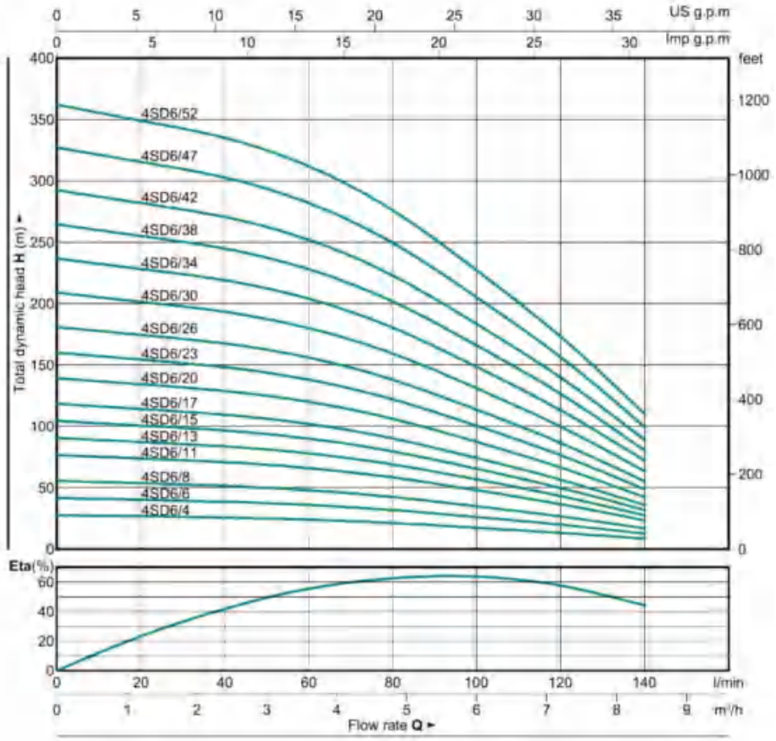
PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P2		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	
				Q l/min	0	10	20	30	40	50	60	70	80	90	100	
4SDM4/6	4SD4/6	0.37	0.5	H(m)	42	41	39	38	36	33	30	25	19	13	6	
4SDM4/8	4SD4/8	0.55	0.75		57	55	53	50	48	44	40	33	26	17	9	
4SDM4/10	4SD4/10	0.75	1		71	68	66	63	60	55	50	42	32	21	11	
4SDM4/12	4SD4/12	0.92	1.25		85	82	79	76	72	67	59	50	39	26	13	
4SDM4/14	4SD4/14	1.1	1.5		99	96	92	88	84	78	69	58	45	30	15	
4SDM4/16	4SD4/16	1.3	1.75		113	109	105	101	96	89	79	67	51	34	17	
4SDM4/18	4SD4/18	1.5	2		127	123	118	114	108	100	89	75	58	39	19	
4SDM4/22	4SD4/22	1.8	2.5		156	150	144	139	132	122	109	92	71	47	23	
4SDM4/26	4SD4/26	2.2	3		184	177	171	164	156	144	129	109	83	56	28	
4SDM4/30	4SD4/30	2.6	3.5		21	205	197	189	180	166	149	125	96	64	32	
—	4SD4/34	3	4		241	232	223	214	203	189	168	142	109	73	36	
—	4SD4/39	3.7	5		276	266	256	246	233	216	193	163	125	84	42	
—	4SD4/44	4	5.5		312	300	289	277	263	244	218	184	141	94	47	
—	4SD4/49	5	7		347	334	322	309	293	272	243	205	157	105	52	
—	4SD4/54	5.5	7.5		382	368	354	341	323	300	267	226	173	116	57	
—	4SD4/62	7.5	10		439	423	407	391	371	344	307	259	199	133	66	

4SD6

4"



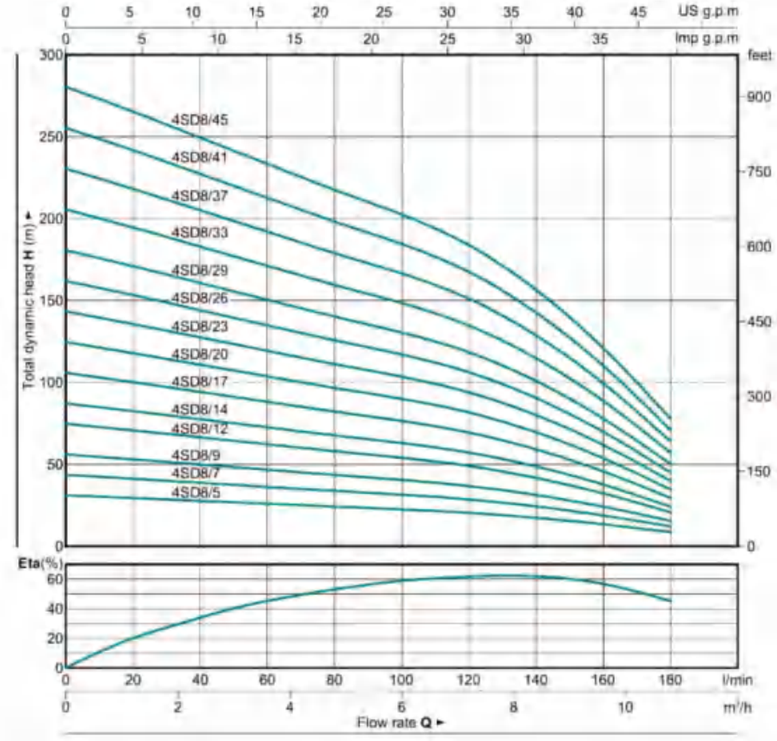
PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P2		DELIVERY n≈2850 1/min								
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4
				Q l/min	0	20	40	60	80	100	120	140
4SD6/4	4SD6/4	0.37	0.5	H(m)	28	27	26	24	21	17	13	8
4SD6/6	4SD6/6	0.55	0.75		42	40	39	36	32	26	20	13
4SD6/8	4SD6/8	0.75	1		56	54	52	48	42	35	27	17
4SD6/11	4SD6/11	1.1	1.5		77	74	71	66	58	48	37	23
4SD6/13	4SD6/13	1.3	1.75		90	87	84	78	69	57	43	27
4SD6/15	4SD6/15	1.5	2		104	101	97	90	80	65	50	32
4SD6/17	4SD6/17	1.8	2.5		118	114	110	102	90	74	57	36
4SD6/20	4SD6/20	2.2	3		139	134	129	120	106	87	67	42
4SD6/23	4SD6/23	2.6	3.5		160	154	148	138	122	100	77	49
—	4SD6/26	3	4		181	175	168	156	138	113	86	55
—	4SD6/30	3.7	5		209	201	193	180	159	131	100	63
—	4SD6/34	4	5.5		237	228	219	204	180	148	113	72
—	4SD6/38	5	7		265	255	245	228	202	166	126	80
—	4SD6/42	5.5	7.5		292	282	271	252	223	183	140	89
—	4SD6/47	6.8	9		327	315	303	282	249	205	156	99
—	4SD6/52	7.5	10		362	349	335	312	276	227	173	110

4SD8

4"



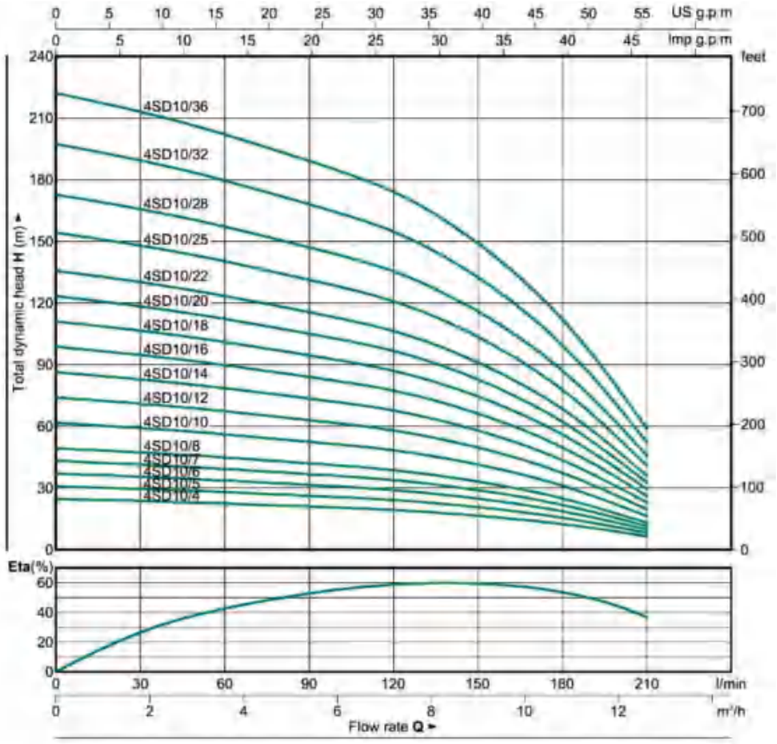
PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P2		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
				Q l/min	0	20	40	60	80	100	120	140	160	180
4SDM8/5	4SD8/5	0.55	0.75	H(m)	31	29	28	26	24	22	20	17	13	9
4SDM8/7	4SD8/7	0.75	1		44	41	39	36	34	31	29	24	19	12
4SDM8/8	4SD8/8	0.92	1.25		50	47	44	41	39	36	33	28	21	14
4SDM8/9	4SD8/9	1.1	1.5		56	53	50	47	43	40	37	31	24	16
4SDM8/10	4SD8/10	1.3	1.75		62	59	55	52	48	45	71	35	27	17
4SDM8/12	4SD8/12	1.5	2		75	71	66	62	58	54	49	42	32	21
4SDM8/14	4SD8/14	1.8	2.5		87	83	78	73	68	63	57	49	38	24
4SDM8/17	4SD8/17	2.2	3		106	100	94	88	82	76	69	59	46	29
4SDM8/20	4SD8/20	2.6	3.5		125	118	111	104	97	90	82	70	54	35
—	4SD8/23	3	4		143	136	127	119	111	103	94	80	62	40
—	4SD8/26	3.7	5		162	153	144	135	126	117	106	90	70	45
—	4SD8/29	4	5.5		181	171	161	150	140	130	118	101	78	50
—	4SD8/33	5	7		206	195	183	171	160	149	135	115	89	57
—	4SD8/37	5.5	7.5		230	218	205	192	179	167	151	129	99	64
—	4SD8/41	6.8	9		255	242	227	213	198	185	167	143	110	71
—	4SD8/45	7.5	10		280	265	249	233	218	203	184	157	121	78

4SD10

4"



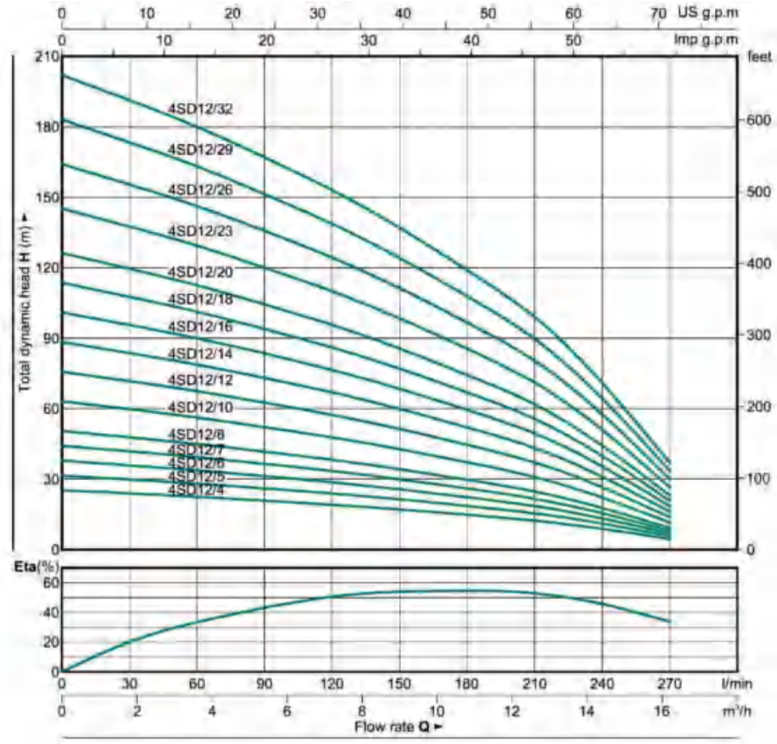
PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P2		DELIVERY n≈2850 1/min									
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	
				Q l/min	0	30	60	90	120	150	180	210	
4SDM10/4	4SD10/4	0.55	0.75	H(m)	25	24	22	21	19	17	12	7	
4SDM10/5	4SD10/5	0.75	1		31	30	28	26	24	21	16	8	
4SDM10/6	4SD10/6	0.92	1.25		37	35	34	31	29	25	19	10	
4SDM10/7	4SD10/7	1.1	1.5		43	41	39	37	34	29	22	11	
4SDM10/8	4SD10/8	1.3	1.75		49	47	45	42	39	33	25	13	
4SDM10/10	4SD10/10	1.5	2		62	59	56	52	48	41	31	16	
4SDM10/12	4SD10/12	1.8	2.5		74	71	67	63	58	50	37	20	
4SDM10/14	4SD10/14	2.2	3		86	83	79	73	68	58	44	23	
4SDM10/16	4SD10/16	2.6	3.5		99	95	90	84	77	66	50	26	
—	4SD10/18	3	4		111	106	101	94	87	74	56	29	
—	4SD10/20	3.7	5		123	118	112	105	97	83	62	33	
—	4SD10/22	4	5.5		136	130	123	115	106	91	68	36	
—	4SD10/25	5	7		154	148	140	131	121	103	78	41	
—	4SD10/28	5.5	7.5		173	166	157	147	135	116	87	46	
—	4SD10/32	6.8	9		197	189	180	168	155	132	100	52	
—	4SD10/36	7.5	10		222	213	202	189	174	149	112	59	

4SD12

4"



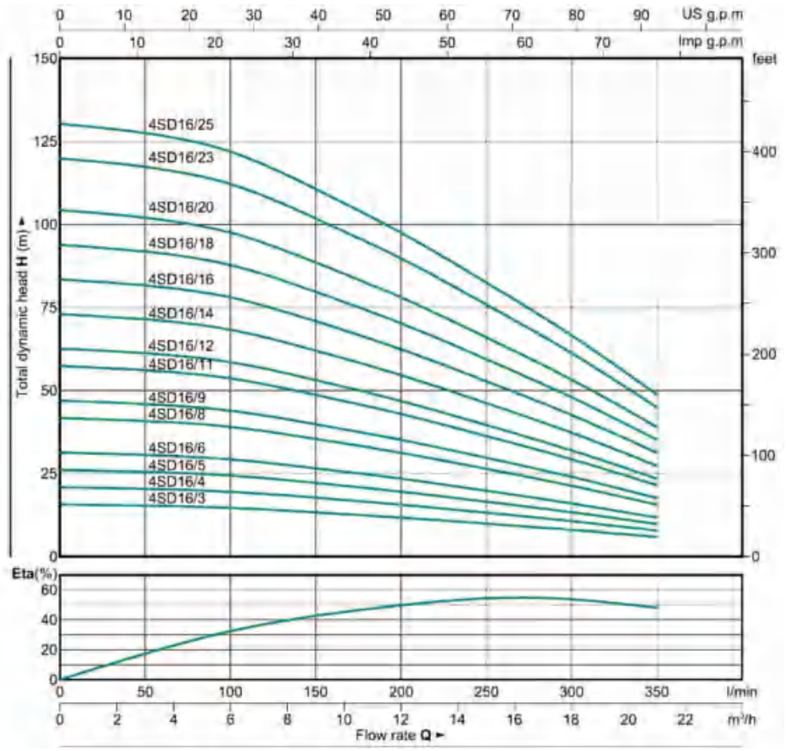
PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P2		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	
				Q l/min	0	30	60	90	120	150	180	210	240	270	
4SDM12/4	4SD12/4	0.75	1	H(m)	25	24	23	21	19	17	15	12	9	5	
4SDM12/5	4SD12/5	0.92	1.25		32	30	28	26	24	21	19	15	11	6	
4SDM12/6	4SD12/6	1.1	1.5		38	36	34	31	29	26	22	19	13	7	
4SDM12/7	4SD12/7	1.3	1.75		44	42	39	37	33	30	26	22	16	8	
4SDM12/8	4SD12/8	1.5	2		51	48	45	42	38	34	30	25	18	9	
4SDM12/10	4SD12/10	1.8	2.5		63	60	56	52	48	43	37	31	22	12	
4SDM12/12	4SD12/12	2.2	3		76	72	68	63	57	51	45	37	27	14	
4SDM12/14	4SD12/14	2.6	3.5		88	84	79	73	657	60	52	43	31	16	
—	4SD12/16	3	4		101	96	90	84	77	69	60	50	36	19	
—	4SD12/18	3.7	5		114	108	101	94	86	77	67	56	40	21	
—	4SD12/20	4	5.5		126	120	113	104	96	86	74	62	44	23	
—	4SD12/23	5	7		145	137	129	120	110	98	86	71	51	27	
—	4SD12/26	5.5	7.5		164	155	146	136	124	111	97	80	58	30	
—	4SD12/29	6.8	9		183	173	163	151	139	124	108	90	64	34	
—	4SD12/32	7.5	10		202	191	180	167	153	137	119	99	71	37	

4SD16

4"

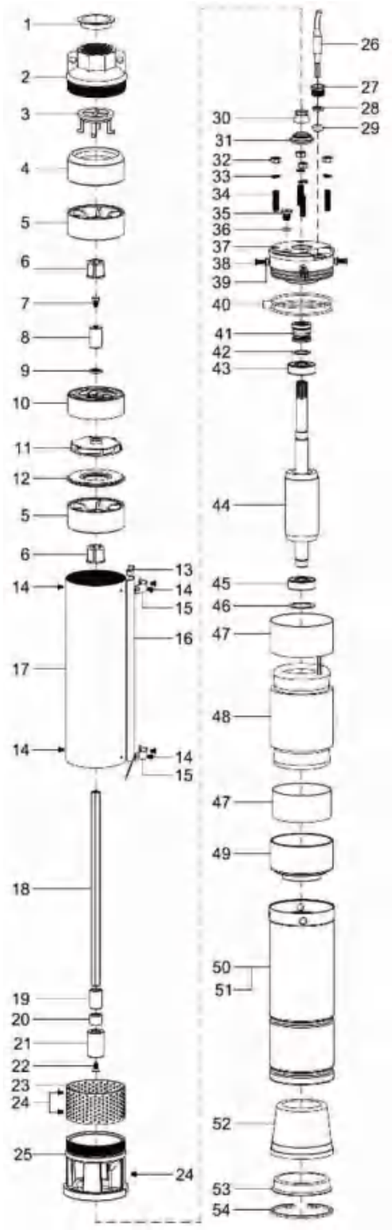


PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P_2		DELIVERY n≈2850 1/min								
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	3	6	9	12	15	18	21
				l/min	0	50	100	150	200	250	300	350
4SDM16/3	4SD16/3	0.75	1	H(m)	17	16	16	14	12	11	9	6
4SDM16/4	4SD16/4	1.1	1.5		22	22	21	19	17	14	11	8
4SDM16/5	4SD16/5	1.3	1.75		28	27	26	24	21	18	14	10
4SDM16/6	4SD16/6	1.5	2		33	33	31	28	25	21	17	12
4SDM16/8	4SD16/8	1.8	2.5		44	44	42	38	33	28	23	17
4SDM16/9	4SD16/9	2.2	3		50	49	47	42	37	32	26	19
4SDM16/11	4SD16/11	2.6	3.5		61	60	57	52	46	39	31	23
—	4SD16/12	3	4		67	65	62	57	50	42	34	25
—	4SD16/14	3.7	5		78	76	73	66	58	49	40	29
—	4SD16/16	4	5.5		89	87	83	76	67	56	45	33
—	4SD16/18	5	7		100	98	94	85	75	63	51	37
—	4SD16/20	5.5	7.5		111	109	104	94	83	70	57	42
—	4SD16/23	6.8	9		128	125	120	109	96	81	65	48
—	4SD16/25	7.5	10		139	136	130	118	104	88	71	52

4SD Breakdown Diagram



Number	Name
1	Pump cover
2	Outlet
3	Check valve core
4	Check valve seat
5	Intermediate support
6	Rubber bearing
7	Screw
8	Upper bearing bush
9	Sealing gasket
10	Diffuser
11	Impeller
12	Diffuser cover
13	Cable shield
14	Screw
15	Holder pipe
16	Cable cover
17	Pump pipe
18	Shaft
19	Down bushing
20	Plastic sleeve
21	Coupling
22	Screw
23	Stainer
24	Screw
25	Suction support
26	Cable
27	Copper nut
28	Copper gasket
29	Abacus bead sheath
30	Sand proof sleeve
31	Sand proof cap
32	Nut
33	Spring washer
34	Bolt
35	Grease screw
36	"O" Ring
37	Bearing seat
38	Screw
39	Gasket
40	"O" Ring
41	Mechanical sea
42	Mechanical seal gasket
43	Bearing
44	Rotor
45	Bearing
46	Bearing shim
47	Bushing
48	Stator
49	Bearing seat
50	Motor pipe
51	Oil
52	Rubber cup
53	End cover
54	Clamping spring

4QSY Motor

Oil-Filles Type Submersible Motor

PERFORMANCE DATA 50Hz/60Hz n≈2850/3450 1/min

MODEL	P2		Voltage	Rated Current		Power Factor	Efficiency
	KW	HP	(v)	110V (A)	220V (A)	COSΦ	%
4QSDY-0.25	0.25	0.33	110V/220V	5	2.5	0.93	55
4QSDY-0.37	0.37	0.5		7.2	3.6	0.93	57
4QSDY-0.55	0.55	0.75		9.6	4.8	0.93	60
4QSDY-0.75	0.75	1		12.4	6.2	0.93	63
4QSDY-1.1	1.1	1.5		17	8.5	0.93	66
4QSDY-1.5	1.5	2		21.6	10.8	0.93	68
4QSDY-2.2	2.2	3	220V	—	15.5	0.93	69

MODEL	P2		Voltage	Rated Current		Power Factor	Efficiency
	KW	HP	(v)	220V (A)	380V (A)	COSΦ	%
4QSY-0.25	0.25	0.33	220V/380V	2.1	1.2	0.7	55
4QSY-0.37	0.37	0.5		2.4	1.4	0.72	58
4QSY-0.55	0.55	0.75		3.5	2	0.74	61
4QSY-0.75	0.75	1		2.5	2.5	0.75	64
4QSY-1.1	1.1	1.5		4.3	3.3	0.76	67
4QSY-1.5	1.5	2		7.5	4.3	0.77	69
4QSY-2.2	2.2	3		10.4	6	0.78	71
4QSY-3	3	4		13.9	8	0.79	72
4QSY-4	4	5.5		18	10.4	0.79	74
4QSY-5.5	5.5	7.5	380V	—	13.9	0.8	75
4QSY-7.5	7.5	10		—	17.5	0.8	76

6QSY Motor

Oil-Filles Type Submersible Motor

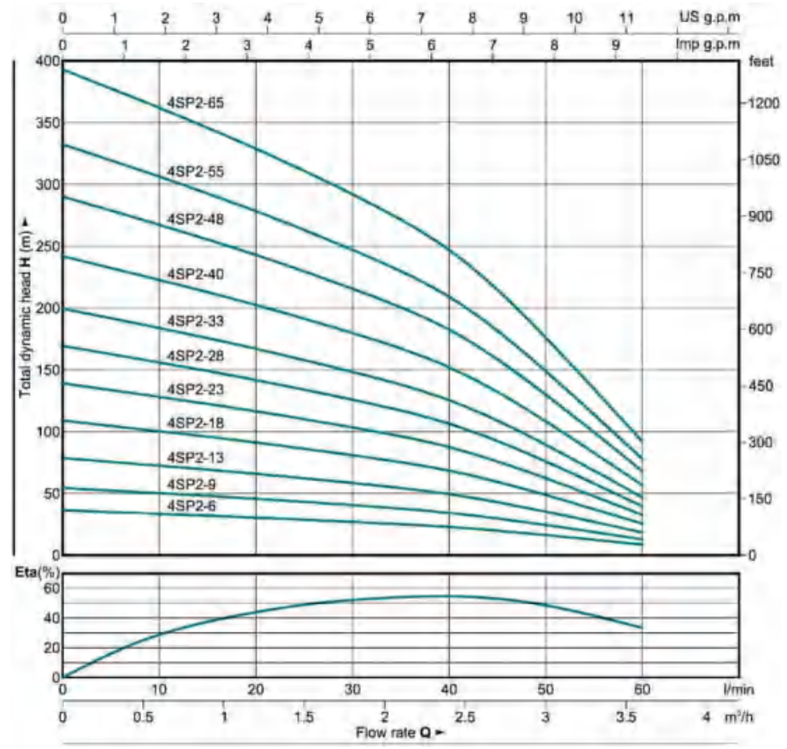
PERFORMANCE DATA 50Hz/60Hz n≈2850/3450 1/min

MODEL	P2		Voltage	Rated Current	Power Factor	Efficiency
	KW	HP	(v)	(A)	COSΦ	%
6QSDY-2.2	2.2	3	220V	15.1	0.93	71
6QSDY-3	3	4		20.4	0.93	72
6QSDY-4	4	5.5		26.8	0.93	73
6QSDY-5.5	5.5	7.5		35.8	0.93	75

MODEL	P2		Voltage	Rated Current		Power Factor	Efficiency
	KW	HP	(v)	220V (A)	380V (A)	COSΦ	%
6QSY-2.2	2.2	3	220V/380V	10.4	6	0.77	72
6QSY-3	3	4		13.9	8	0.8	74
6QSY-4	4	5.5		18	10.4	0.8	75
6QSY-5.5	5.5	7.5		24.1	13.9	0.8	76
6QSY-7.5	7.5	10		30.3	17.5	0.81	76.5
6QSY-9.2	9.2	12.5		37.3	21.5	0.81	77
6QSY-11	11	15		42.5	24.5	0.82	78
6QSY-13	13	17.5		48	27.5	0.82	78
6QSY-15	15	20		55	31.5	0.83	79
6QSY-18.5	18.5	25		67.5	39	0.83	79
6QSY-22	22	30	380V	—	45	0.83	80
6QSY-26	26	35		—	53	0.84	80
6QSY-30	30	40		—	61	0.84	81

4SP Series (4SP2)

4"



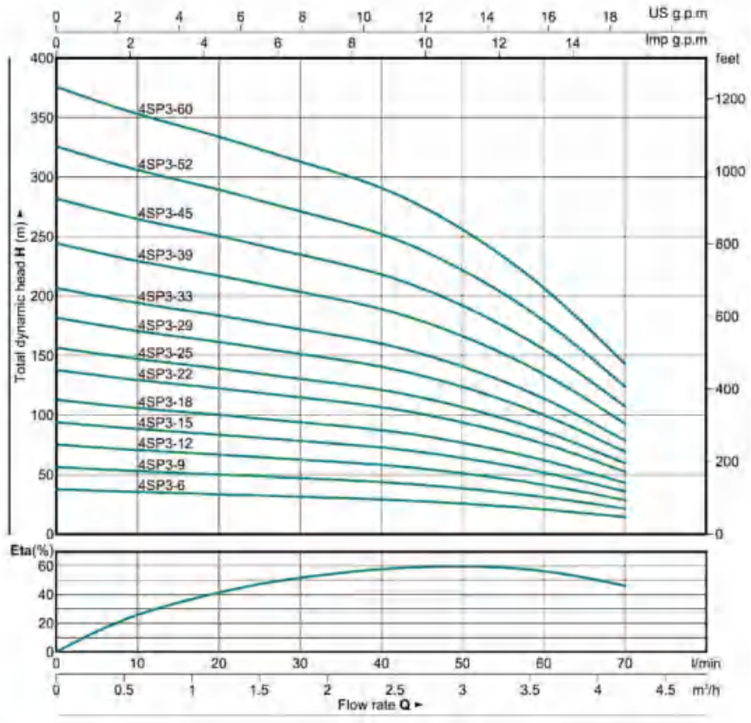
PERFORMANCE DATA 50HZ

Outlet:G1¼"~G1½"

MODEL		P2		DELIVERY n≈2850 1/min							
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6
				Q l/min	0	10	20	30	40	50	60
4SPM2-6	4SP2-6	0.37	0.5	H(m)	36	33	30	27	23	16	8
4SPM2-9	4SP2-9	0.37	0.5		54	50	46	40	34	24	13
4SPM2-13	4SP2-13	0.55	0.75		79	72	66	58	49	35	18
4SPM2-18	4SP2-18	0.75	1		109	100	91	81	68	49	25
4SPM2-23	4SP2-23	1.1	1.5		139	128	116	103	87	62	33
4SPM2-28	4SP2-28	1.3	1.75		169	156	142	126	106	76	40
4SPM2-33	4SP2-33	1.5	2		200	184	167	148	125	89	47
4SPM2-40	4SP2-40	1.8	2.5		242	223	202	180	152	108	57
4SPM2-48	4SP2-48	2.2	3		290	267	243	216	182	130	68
4SPM2-55	4SP2-55	2.6	3.5		333	306	278	247	209	149	78
—	4SP2-65	3	4		393	362	329	292	247	176	92

4SP3

4"



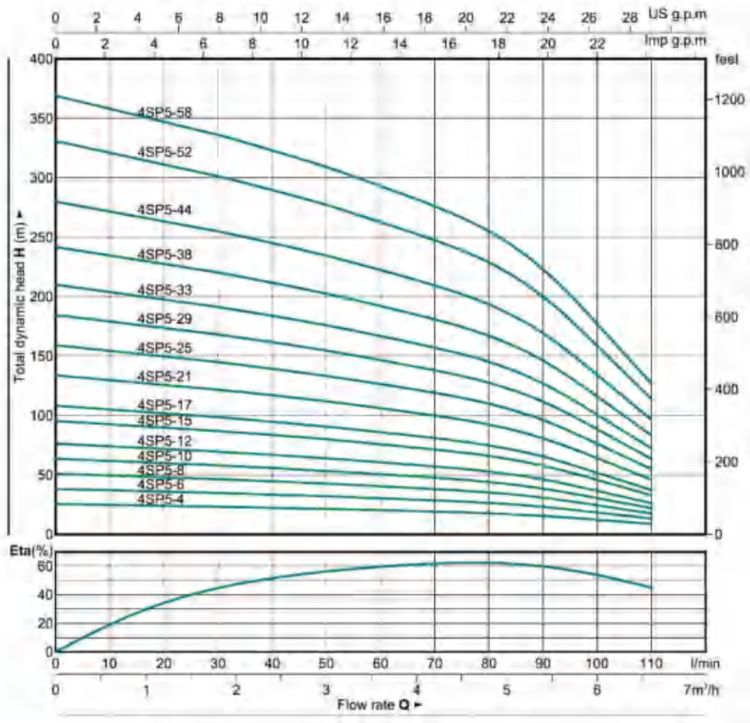
PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P2		DELIVERY n≈2850 1/min									
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2
				Q l/min	0	10	20	30	40	50	60	70
4SPM3-6	4SP3-6	0.37	0.5		38	35	33	31	29	26	21	14
4SPM3-9	4SP3-9	0.55	0.75		56	53	50	47	44	38	31	21
4SPM3-12	4SP3-12	0.75	1		75	71	67	63	58	51	41	29
4SPM3-15	4SP3-15	0.92	1.25		94	88	83	78	73	64	52	36
4SPM3-18	4SP3-18	1.1	1.5		113	106	100	94	87	77	62	43
4SPM3-22	4SP3-22	1.3	1.75		138	129	122	115	107	94	76	52
4SPM3-25	4SP3-25	1.5	2	H(m)	157	147	139	130	121	107	86	60
4SPM3-29	4SP3-29	1.8	2.5		182	171	161	151	141	124	100	69
4SPM3-33	4SP3-33	2.2	3		207	194	184	172	160	141	114	79
4SPM3-39	4SP3-39	2.6	3.5		244	229	217	203	189	166	135	93
—	4SP3-45	3	4		282	265	251	235	218	192	155	107
—	4SP3- 52	3.7	5		326	306	289	271	252	222	179	124
—	4SP3-60	4	5.5		376	353	334	313	291	256	207	143

4SP5

4"



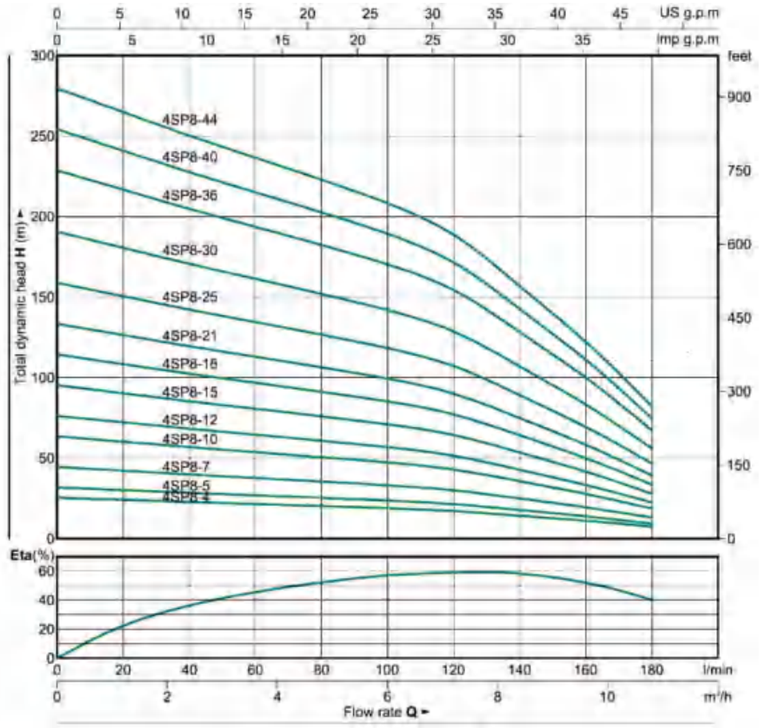
PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P2		DELIVERY n≈2850 1/min													
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6
				Q l/min	0	10	20	30	40	50	60	70	80	90	100	110
4SPM5-4	4SP5-4	0.37	0.5		25	25	24	23	22	21	20	19	18	15	12	9
4SPM5-6	4SP5-6	0.55	0.75		38	37	36	35	33	32	30	29	26	23	18	13
4SPM5-8	4SP5-8	0.75	1		51	49	48	46	45	43	40	38	35	31	24	18
4SPM5-10	4SP5-10	0.92	1.25		64	62	60	58	56	53	51	48	44	38	31	22
4SPM5-12	4SP5-12	1.1	1.5		76	74	72	70	67	64	61	57	53	46	37	26
4SPM5-15	4SP5-15	1.3	1.75		95	93	90	87	84	80	76	71	66	58	46	33
4SPM5-17	4SP5-17	1.5	2		108	105	102	98	95	91	86	81	75	65	52	37
4SPM5-21	4SP5-21	1.8	2.5	H(m)	134	130	126	122	117	112	106	100	92	81	64	46
4SPM5-25	4SP5-25	2.2	3		159	154	150	145	139	133	126	119	110	96	76	55
4SPM5-29	4SP5-29	2.6	3.5		185	179	173	168	161	154	146	138	127	111	88	63
—	4SP5-33	3	4		210	204	197	191	184	176	167	157	145	127	101	72
—	4SP5-38	3.7	5		242	235	227	220	212	202	192	181	167	146	116	83
—	4SP5-44	4	5.5		280	272	263	255	245	234	222	209	193	169	134	96
—	4SP5-52	5	7		331	321	311	301	290	277	263	247	229	200	159	114
—	4SP5-58	5.5	7.5		369	358	347	336	323	309	293	276	255	223	177	127

4SP8

4"



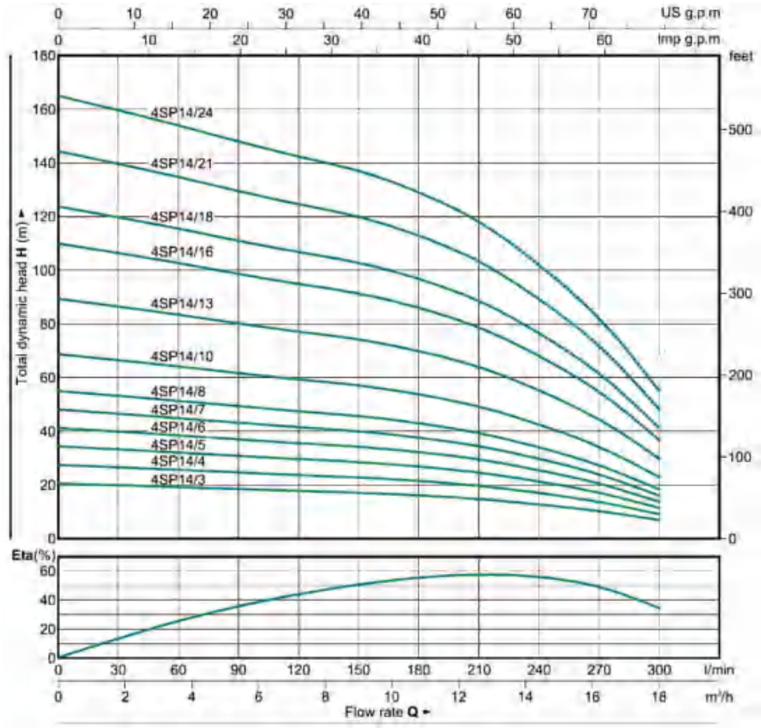
PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P_2		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
					l/min	0	20	40	60	80	100	120	140	160	180
4SPM8-4	4SP8-4	0.55	0.75	H(m)		25	24	23	22	20	19	17	14	11	7
4SPM8-5	4SP8-5	0.75	1			32	30	28	27	25	24	21	18	14	9
4SPM8-7	4SP8-7	1.1	1.5			44	42	40	38	35	33	30	25	19	13
4SPM8-10	4SP8-10	1.5	2			64	60	57	54	51	47	43	36	28	19
4SPM8-12	4SP8-12	1.8	2.5			76	72	68	65	61	57	51	43	33	22
4SPM8-15	4SP8-15	2.2	3			95	90	85	81	76	71	64	53	42	28
—	4SP8-18	3	4			114	108	102	97	91	85	77	64	50	34
—	4SP8-21	3.7	5			133	126	119	113	106	99	90	75	58	39
—	4SP8-25	4	5.5			159	151	142	134	127	118	107	89	69	47
—	4SP8-30	5	7			191	181	171	161	152	142	129	107	83	56
—	4SP8-36	5.5	7.5			229	217	205	194	182	170	154	128	100	67
—	4SP8-40	6.8	9			254	241	228	215	203	189	172	142	111	75
—	4SP8-44	7.5	10			280	265	250	237	223	208	189	156	122	82

4SP14

4"

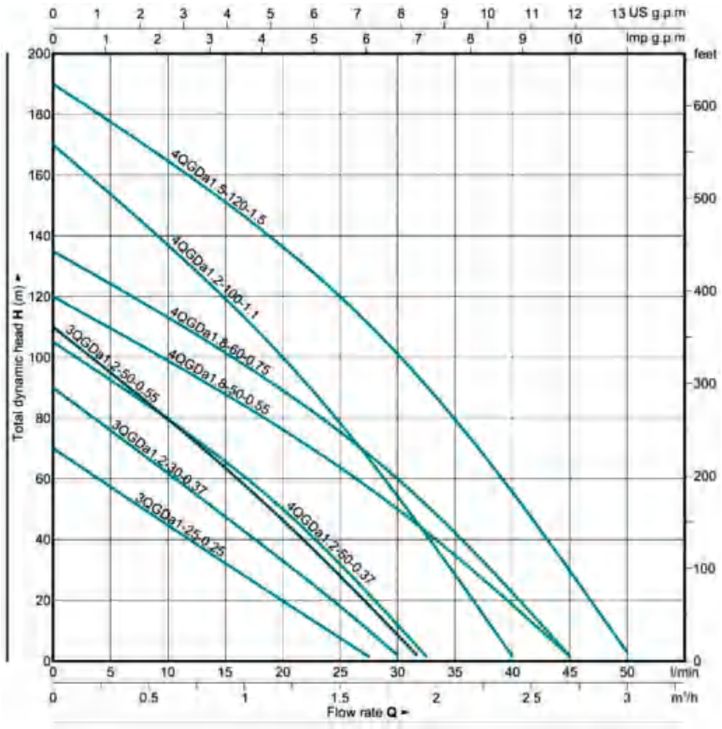


PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P_2		DELIVERY n≈2850 1/min													
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	18
					l/min	0	30	60	90	120	150	180	210	240	270	300
4SPM14/3	4SP14/3	1.1	1.5	H(m)		21	20	19	19	18	17	16	15	13	10	7
4SPM14/4	4SP14/4	1.3	1.75			28	27	26	25	24	23	22	20	17	14	9
4SPM14/5	4SP14/5	1.5	2			34	33	32	31	30	29	27	25	21	17	11
4SPM14/6	4SP14/6	1.8	2.5			41	40	39	37	36	34	32	30	26	21	14
4SPM14/7	4SP14/7	2.2	3			48	47	45	43	42	40	38	34	30	24	16
4SPM14/8	4SP14/8	2.6	3.5			55	53	51	49	47	46	43	39	34	27	18
—	4SP14/10	3	4			69	67	64	62	59	57	54	49	43	34	23
—	4SP14/13	4	5.5			89	86	83	80	77	74	70	64	55	44	30
—	4SP14/16	5	7			110	106	103	99	95	91	86	79	68	55	37
—	4SP14/18	5.5	7.5			124	120	116	111	107	103	97	89	77	62	41
—	4SP14/21	6.8	9			144	140	135	130	125	120	113	103	89	72	48
—	4SP14/24	7.5	10			165	160	154	148	142	137	129	118	102	82	55

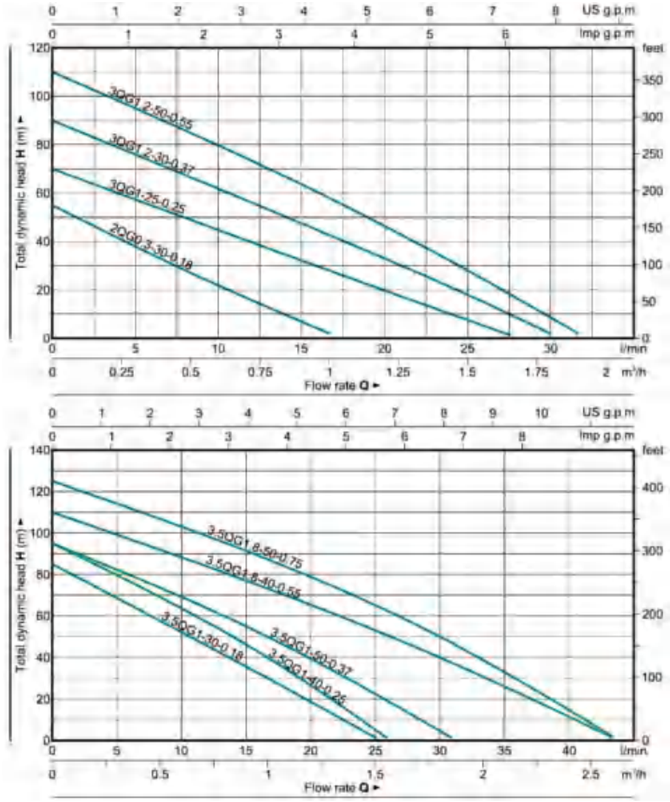
QGDa Series (3QGDa & 4QGDa)



PERFORMANCE DATA 50Hz rpm≈2850 1/min

MODEL	P2		Max.FLOW		Max.Head	Voltage	Max.Dia	Outlet	Length
	KW	HP	l/min	m³/h	(m)	(V)	(mm)	(Inch)	(mm)
3QGDa1-25-0.25	0.25	0.33	28	1.7	70	220	75	1	580
3QGDa1.2-30-0.37	0.37	0.5	30	1.8	90	220	75	1	610
3QGDa1.2-50-0.55	0.55	0.75	32	1.9	110	220	75	1	650
4QGDa1.2-50-0.37	0.37	0.5	32	1.9	105	220	100	1	562
4QGDa1.8-50-0.55	0.55	0.75	45	2.7	120	220	100	1	591
4QGDa1.8-60-0.75	0.75	1	45	2.7	135	220	100	1	606
4QGDa1.2-100-1.1	1.1	1.5	40	2.4	170	220	100	1	565
4QGDa1.5-120-1.5	1.5	2	50	3	190	220	100	1	686

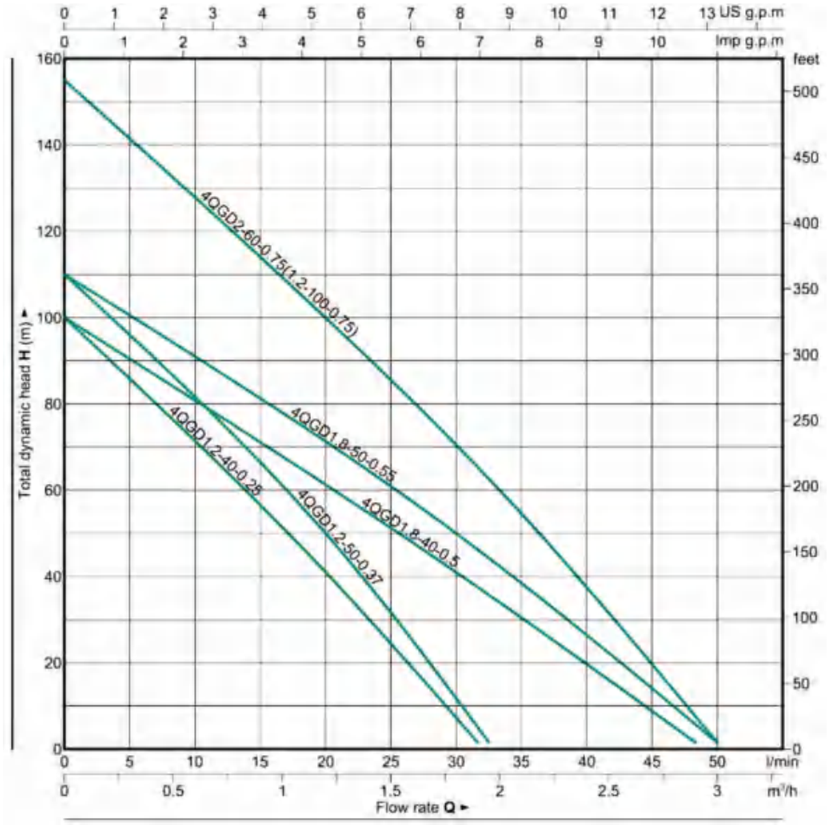
QGD Series (2QGD & 3QGD & 3.5QGD)



PERFORMANCE DATA 50Hz rpm≈2850 1/min

MODEL	P2		Max.FLOW		Max.Head	Voltage	Max.Dia	Outlet	Length
	KW	HP	l/min	m³/h	(m)	(V)	(mm)	(Inch)	(mm)
2QGD0.3-30-1.8	0.18	0.25	17	1	55	220	52	½	633
3QGD1-25-0.25	0.25	0.33	28	1.7	70	220	76	1	577
3QGD1.2-30-0.37	0.37	0.5	30	1.8	90	220	76	1	607
3QGD1.2-50-0.55	0.55	0.75	32	1.9	110	220	76	1	647
3.5QGD1-30-0.18	0.18	0.25	25	1.5	85	220	90	1	512
3.5QGD1-40-0.25	0.25	0.33	25	1.5	95	220	90	1	522
3.5QGD1-50-0.37	0.37	0.5	30	1.8	95	220	90	1	532
3.5QGD1.8-40-0.55	0.55	0.75	43	2.6	110	220	90	1	571
3.5QGD1.8-50-0.75	0.75	1	43	2.6	125	220	90	1	596

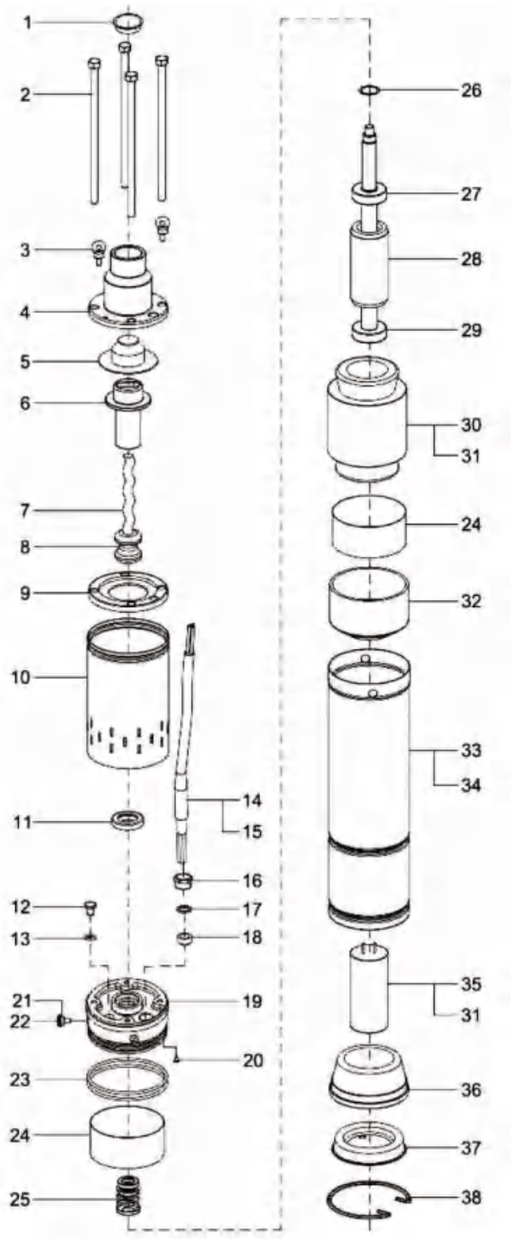
QGDa Series (3QGDa & 4QGDa)



PERFORMANCE DATA 50Hz rpm≈2850 1/min

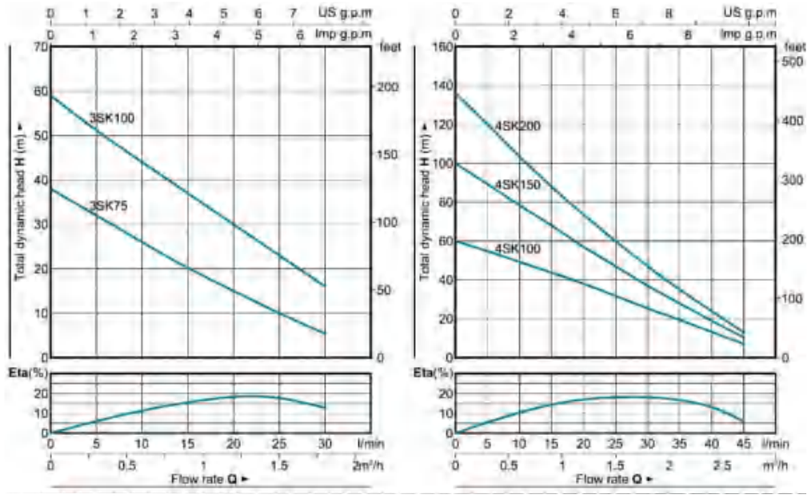
MODEL	P2		Max.FLOW		Max.Head	Voltage	Max.Dia	Outlet	Length
	KW	HP	l/min	m³/h	(m)	(V)	(mm)	(Inch)	(mm)
4QGD1.2-40-0.25	0.25	0.33	32	1.9	100	220	102(96)	1	523(513)
4QGD1.2-50-0.37	0.37	0.5	32	1.9	110	220	102(96)	1	536(526)
4QGD1.8-40-0.5	0.5	0.7	48	2.9	100	220	102(96)	1	566(556)
4QGD1.8-50-0.55	0.55	0.75	48	2.9	110	220	102(96)	1	576(566)
4QGD2-60-0.75	0.75	1	48	2.9	155	220	102(96)	1	608(598)
4QGD1.2-100-0.75	0.75	1	48	2.9	155	220	102(96)	1	608(598)

QGD Breakdown Diagram



Number	Name
1	Pump Cover
2	Bolt
3	Pull ring
4	Outlet
5	Sand proof sleeve
6	Screw sleeve
7	Screw
8	Coupling
9	Fixed splint
10	Inlet section
11	Framework oil seal
12	Grease screw
13	"O" -ring
14	Cable
15	Cable sheath
16	Cable nut
17	Cable gasket
18	Cable bushing
19	Oil chamber
20	Screw
21	Locking ring
22	Screw
23	"O" Ring
24	Insulation paper
25	Mechanical seal
26	Gasket
27	Bearing
28	Rotor
29	Bearing
30	Stator
31	Insulating bush
32	Down bearing seat
33	Motor pipe
34	Oil
35	Capacitor
36	Rubber cup
37	End cover
38	Clamping spring

SK Series (3SK & 4SK)



PERFORMANCE DATA 50HZ

Outlet:G1"

MODEL		P_2		DELIVERY n≈2850 1/min							
1~ 220V-240V	3~ 380-415V	KW	HP	Q m^3/h	0	0.3	0.6	0.9	1.2	1.5	1.8
				l/min	0	5	10	15	20	25	30
3SKM75	3SK75	0.55	0.75	H(m)	38	32	26	20	15	10	5
3SKM100	3SK100	0.75	1		59	51	44	37	30	23	16

PERFORMANCE DATA 50HZ

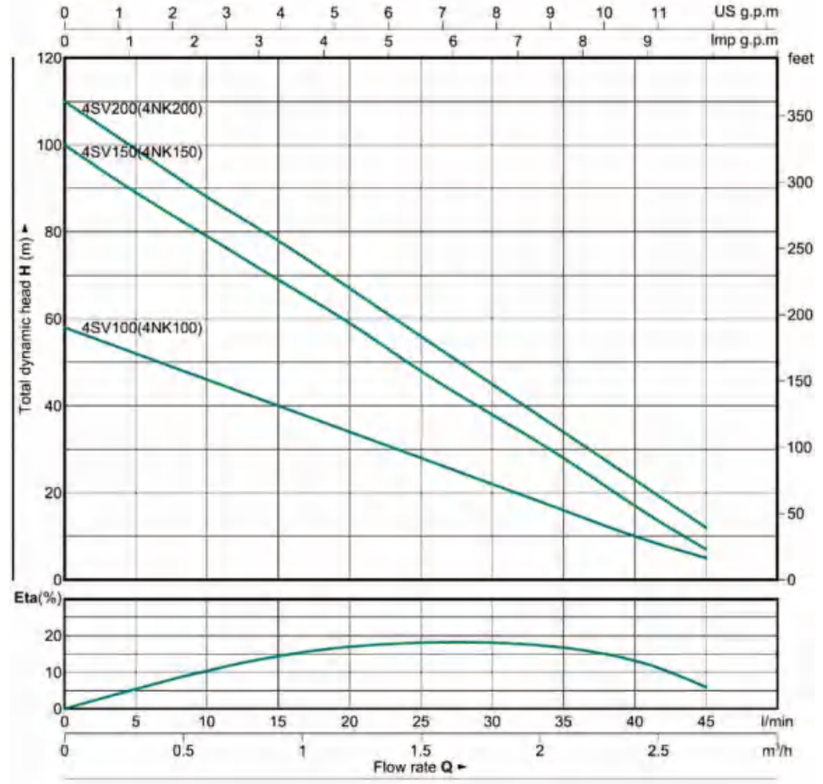
Outlet:G1"

MODEL		P_2		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	KW	HP	Q m^3/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
				l/min	0	5	10	15	20	25	30	35	40	45
4SKM100	4SK100	0.75	1	H(m)	60	55	49	44	38	32	25	19	13	7
4SKM150	4SK150	1.1	1.5		100	89	78	68	57	47	37	28	19	10
4SKM200	4SK200	1.5	2		135	120	103	88	74	60	47	35	24	13

4SV & 4NK Series

4SV

4NK



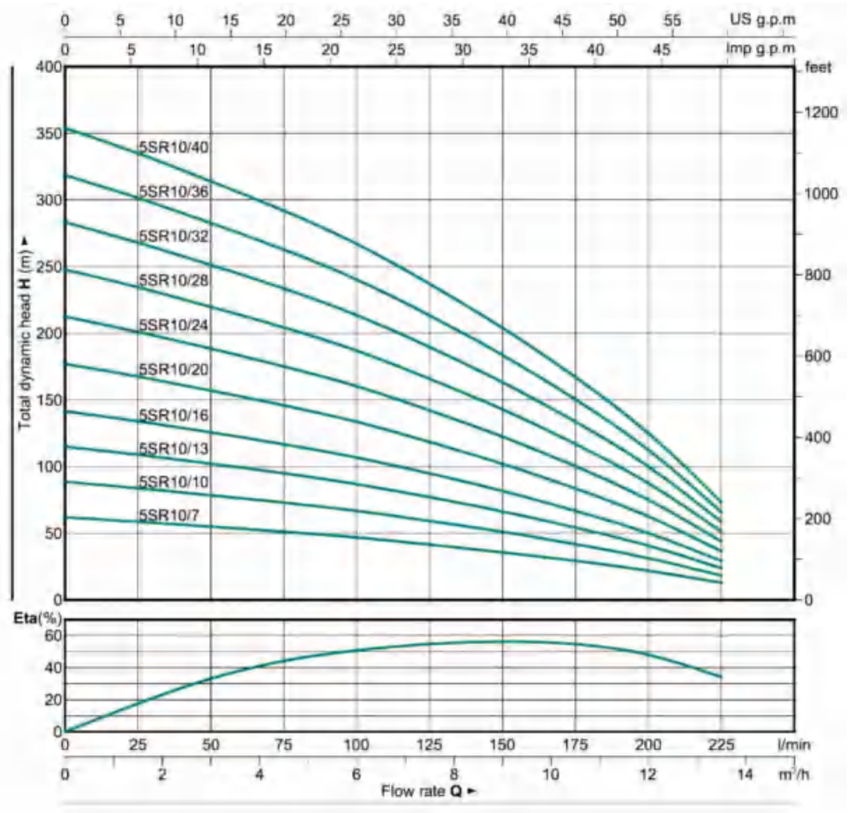
PERFORMANCE DATA 50HZ

Outlet:G1"

MODEL		P_2		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	KW	HP	Q m^3/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
				l/min	0	5	10	15	20	25	30	35	40	45
4SVM100 4NKM100	4SV100 4NK100	0.75	1	H(m)	58	52	46	40	34	28	22	16	10	5
4SVM150 4NKM150	4SV150 4NK150	1.1	1.5		100	89	79	69	59	48	38	28	17	7
4SVM200 4NKM200	4SV200 4NK200	1.5	2		110	99	88	78	67	56	45	34	23	12

5SR Series (5SR10)

5"



PERFORMANCE DATA 50HZ

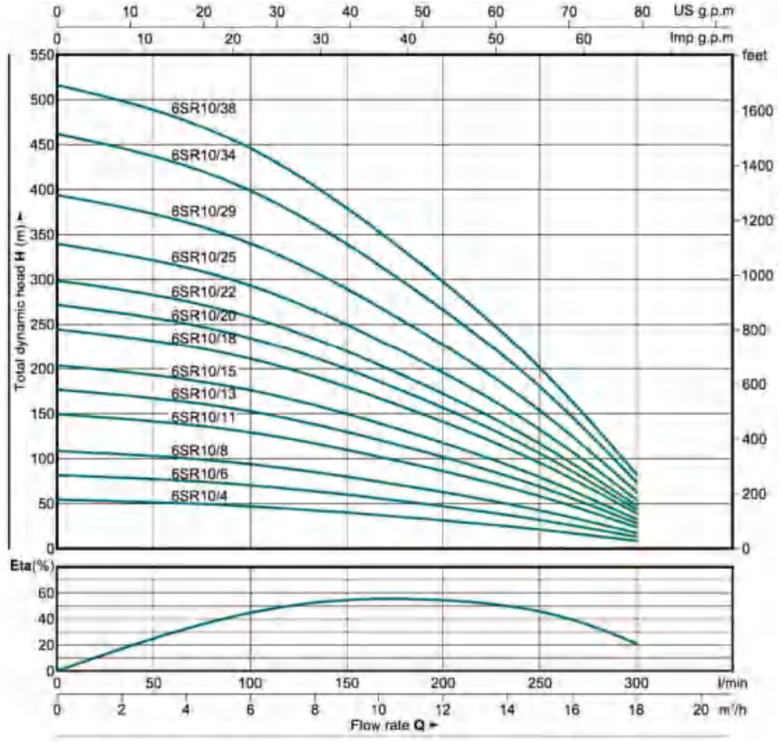
Outlet:G2"~G3"

MODEL		P2		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	1.5	3	4.5	6	7.5	9	10.5	12	13.5
				l/min	0	25	50	75	100	125	150	175	200	225
5SRM10/7	5SR10/7	1.5	2	H(m)	62	59	55	51	47	41	36	29	22	13
5SRM10/10	5SR10/10	2.2	3		89	84	79	73	67	59	51	42	31	18
5SRM10/13	5SR10/13	3	4		115	109	102	95	87	77	66	54	41	24
5SRM10/16	5SR10/16	4	5.5		142	134	126	117	107	95	82	67	50	29
—	5SR10/20	5.5	7.5		177	168	157	146	134	119	102	83	62	36
—	5SR10/24	5.5	7.5		212	201	188	175	160	142	122	100	75	44
—	5SR10/28	7.5	10		248	235	220	204	187	166	143	117	88	51
—	5SR10/32	7.5	10		283	268	251	234	214	190	163	134	100	58
—	5SR10/36	9.2	12.5		319	302	283	263	240	213	184	150	113	66
—	5SR10/40	9.2	12.5		354	335	314	292	267	237	204	167	125	73

6SR Series (6SR10)

5"

(≤15kW) (All power)



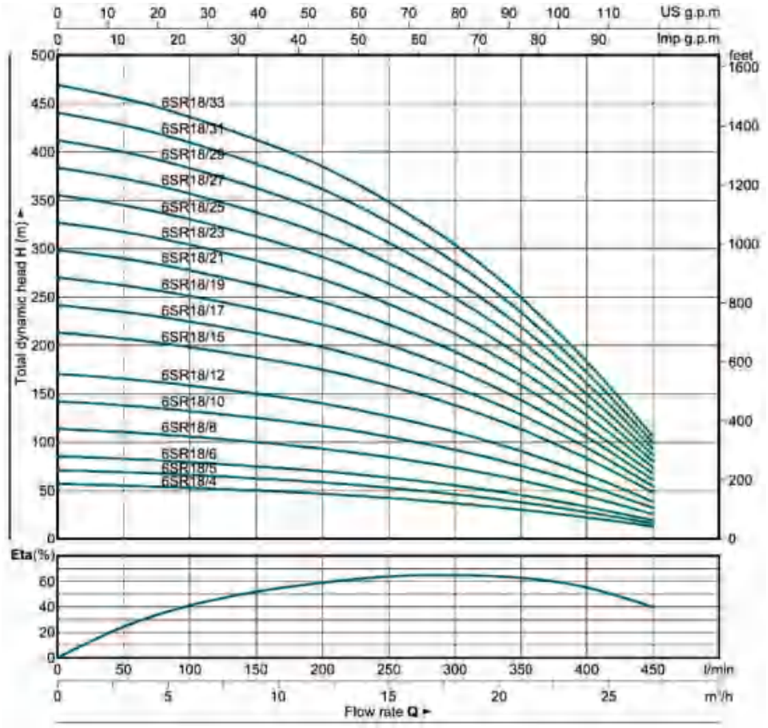
PERFORMANCE DATA 50HZ

Outlet:G2½"~G3"

MODEL		P2		DELIVERY n≈2850 1/min							
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	3	6	9	12	15	18
				l/min	0	50	100	150	200	250	300
6SRM10/4	6SR10/4	2.2	3	H(m)	54	51	47	40	31	21	9
6SRM10/6	6SR10/6	3	4		82	77	70	60	47	32	13
6SRM10/8	6SR10/8	4	5.5		109	103	94	80	63	42	17
6SRM10/11	6SR10/11	5.5	7.5		149	141	129	110	86	58	24
—	6SR10/13	7.5	10		177	167	153	130	102	69	28
—	6SR10/15	7.5	10		204	193	176	150	117	79	33
—	6SR10/18	9.2	12.5		245	231	211	180	141	95	39
—	6SR10/20	11	15		272	257	235	200	157	106	43
—	6SR10/22	11	15		299	283	258	219	172	116	48
—	6SR10/25	13	17.5		340	321	293	249	196	132	54
—	6SR10/29	15	20		394	373	340	289	227	153	63
—	6SR10/34	18.5	25		462	437	399	339	266	180	74
—	6SR10/38	18.5	25		516	488	446	379	298	201	82

6SR18

6"



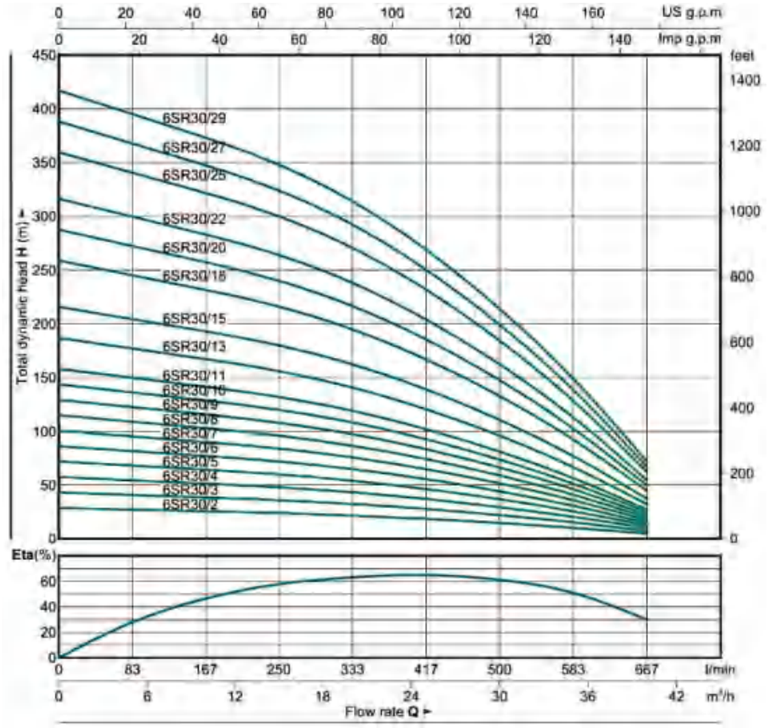
PERFORMANCE DATA 50HZ

Outlet:G2½"~G3"

MODEL		P2		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	3	6	9	12	15	18	21	24	27
				Q l/min	0	50	100	150	200	250	300	350	400	450
6SRM18/4	6SR18/4	2.2	3	H(m)	57	55	53	50	47	42	37	30	22	13
6SRM18/5	6SR18/5	3	4		71	69	66	62	58	53	46	38	28	16
6SRM18/6	6SR18/6	4	5.5		85	83	79	75	70	63	55	45	33	19
6SRM18/8	6SR18/8	5.5	7.5		114	110	106	100	93	84	74	60	44	26
—	6SR18/10	7.5	10		142	138	132	125	117	106	92	76	56	32
—	6SR18/12	9.2	12.5		171	165	159	150	140	127	111	91	67	39
—	6SR18/15	11	15		213	207	198	188	175	158	138	113	83	48
—	6SR18/17	13	17.5		242	234	225	213	198	179	157	128	94	55
—	6SR18/19	15	20		270	262	251	237	222	201	175	144	105	61
—	6SR18/21	15	20		298	290	277	262	245	222	193	159	117	67
—	6SR18/23	18.5	25		327	317	304	287	268	243	212	174	128	74
—	6SR18/25	18.5	25		355	345	330	312	291	264	230	189	139	80
—	6SR18/27	22	30		384	372	357	337	315	285	249	204	150	87
—	6SR18/29	22	30		412	400	383	362	338	306	267	219	161	93
—	6SR18/31	26	35		441	427	410	387	361	327	286	234	172	100
—	6SR18/33	26	35		469	455	436	413	385	348	304	249	183	106

6SR30

6"



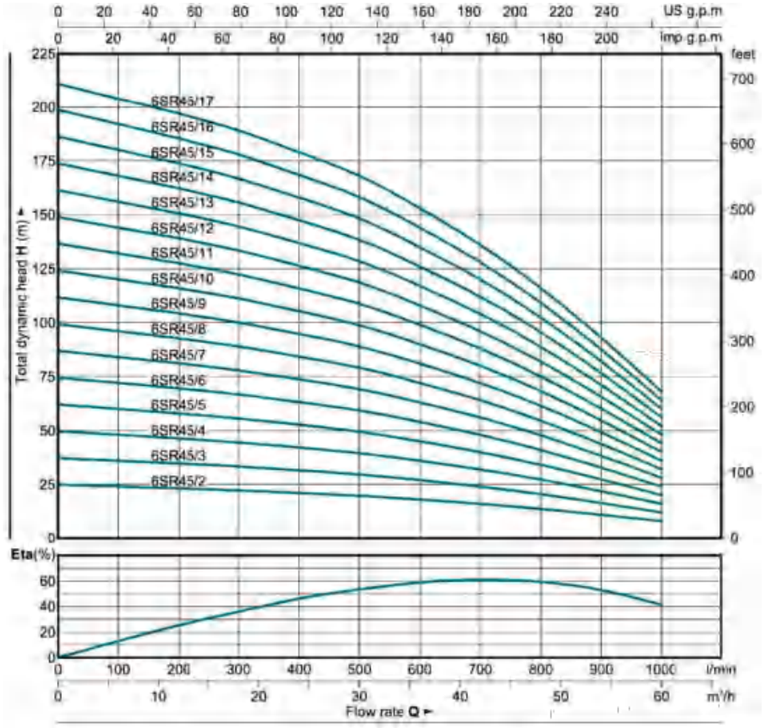
PERFORMANCE DATA 50HZ

Outlet:G2½"~G3"

MODEL		P2		DELIVERY n≈2850 1/min								
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	5	10	15	20	25	30	35	40
				Q l/min	0	83	167	250	333	417	500	583	667
6SRM30/3	6SR30/3	2.2	3	H(m)	43	41	39	36	32	28	22	15	7
6SRM30/4	6SR30/4	3	4		58	54	51	48	43	37	30	21	10
6SRM30/5	6SR30/5	4	5.5		72	68	64	60	54	46	37	26	12
6SRM30/6	6SR30/6	5.5	7.5		86	82	77	72	65	56	44	31	15
—	6SR30/7	7.5	10		101	95	90	84	76	65	52	36	17
—	6SR30/8	7.5	10		115	109	103	96	87	74	59	41	20
—	6SR30/9	9.2	12.5		129	123	116	108	97	83	66	46	22
—	6SR30/10	11	15		144	136	129	120	108	93	74	51	25
—	6SR30/11	11	15		158	150	141	132	119	102	81	57	27
—	6SR30/13	13	17.5		187	177	167	156	141	121	96	67	32
—	6SR30/15	15	20		216	204	193	180	162	139	111	77	37
—	6SR30/18	18.5	25		259	245	232	216	195	167	133	92	45
—	6SR30/20	22	30		288	272	257	240	217	186	148	103	50
—	6SR30/22	22	30		316	300	283	264	238	204	162	113	55
—	6SR30/25	26	35		359	341	322	300	271	232	184	128	62
—	6SR30/27	30	40		388	368	347	324	292	250	199	139	67
—	6SR30/29	30	40		417	395	373	348	314	269	214	149	72

6SR45

6"



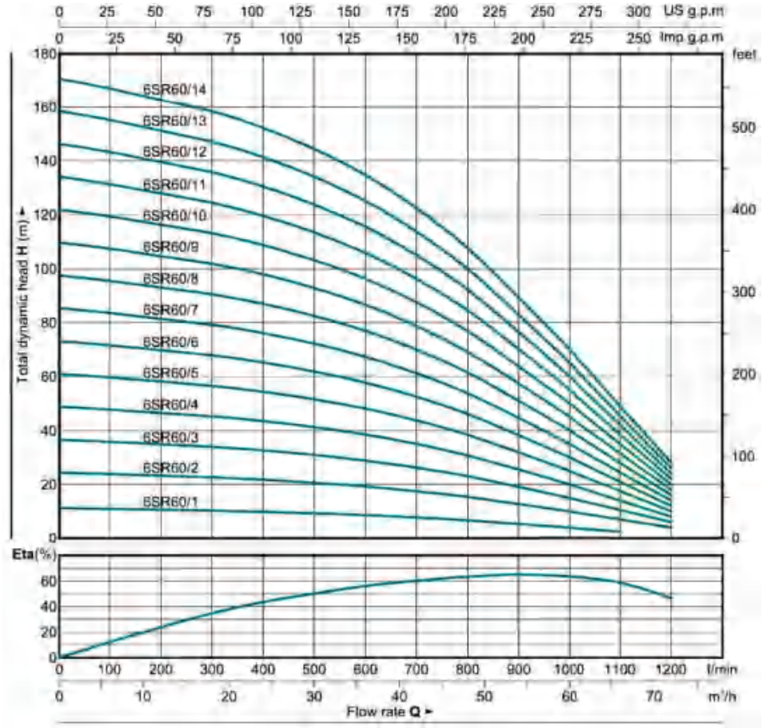
PERFORMANCE DATA 50HZ

Outlet:G2½"~G3"

MODEL		P2		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	6	12	18	24	30	36	42	48	54	60	
				Q l/min	0	100	200	300	400	500	600	700	800	900	1000	
6SRM45/2	6SR45/2	3	4	H(m)	25	24	23	22	21	20	18	16	14	11	8	
6SRM45/3	6SR45/3	4	5.5		37	36	35	33	32	30	27	24	20	16	12	
6SRM45/4	6SR45/4	5.5	7.5		50	48	46	44	42	40	36	32	27	22	16	
—	6SR45/5	7.5	10		62	60	58	56	53	49	45	40	34	27	20	
—	6SR45/6	7.5	10		74	72	70	67	63	59	54	48	41	33	24	
—	6SR45/7	9.2	12.5		87	84	81	78	74	69	63	56	48	38	28	
—	6SR45/8	11	15		99	96	93	89	84	79	72	64	55	44	32	
—	6SR45/9	11	15		112	108	104	100	95	89	81	72	61	49	36	
—	6SR45/10	13	17.5		124	120	116	111	105	99	90	80	68	55	40	
—	6SR45/11	15	20		137	132	127	122	116	109	99	88	75	60	44	
—	6SR45/12	18.5	25		149	144	139	133	126	119	108	96	82	66	48	
—	6SR45/13	22	30		161	156	151	145	137	128	117	104	89	71	52	
—	6SR45/14	22	30		174	168	162	156	147	138	126	112	96	77	56	
—	6SR45/15	26	35		186	180	174	167	158	148	135	120	102	82	60	
—	6SR45/16	30	40		199	192	185	178	168	158	144	128	109	88	64	
—	6SR45/17	30	40		211	204	197	189	179	168	153	136	116	93	68	

6SR60

6"



PERFORMANCE DATA 50HZ

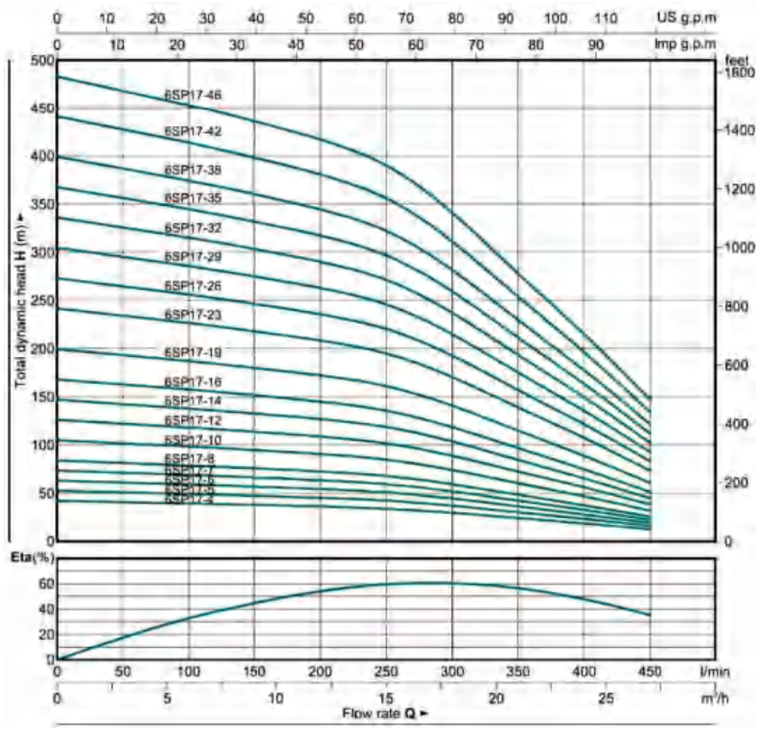
Outlet:G2½"~G3"

MODEL		P2		DELIVERY n≈2850 1/min														
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	
				Q l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	
6SRM60/1	6SR60/1	2.2	3	H(m)	11	11	11	10	10	9	9	8	7	5	4	3	2	
6SRM60/2	6SR60/2	4	5.5		24	24	23	23	22	21	19	18	15	13	10	7	4	
6SRM60/3	6SR60/3	5.5	7.5		37	36	35	34	33	31	29	26	23	19	15	11	6	
—	6SR60/4	7.5	10		49	48	47	45	44	41	39	35	31	26	20	14	8	
—	6SR60/5	11	15		61	60	58	57	54	52	48	44	38	32	25	18	10	
—	6SR60/6	13	17.5		73	72	70	68	65	62	58	53	46	38	30	21	12	
—	6SR60/7	15	20		85	84	81	79	76	72	67	61	54	45	35	25	14	
—	6SR60/8	18.5	25		98	96	93	91	87	83	77	70	652	51	40	28	16	
—	6SR60/9	18.5	25		110	107	105	102	98	93	87	79	69	57	45	32	18	
—	6SR60/10	22	30		122	119	116	113	109	103	96	88	77	64	50	35	20	
—	6SR60/11	26	35		134	131	128	124	120	113	106	96	85	70	55	38	22	
—	6SR60/12	26	35		146	143	140	136	131	124	116	105	92	76	60	42	24	
—	6SR60/13	30	40		158	155	151	147	141	134	125	114	100	83	65	46	26	
—	6SR60/14	30	40		171	167	163	158	152	144	135	123	108	89	70	49	28	

6SP & 8SP Series (6SP17)

6"

(≤15kW) (All power)



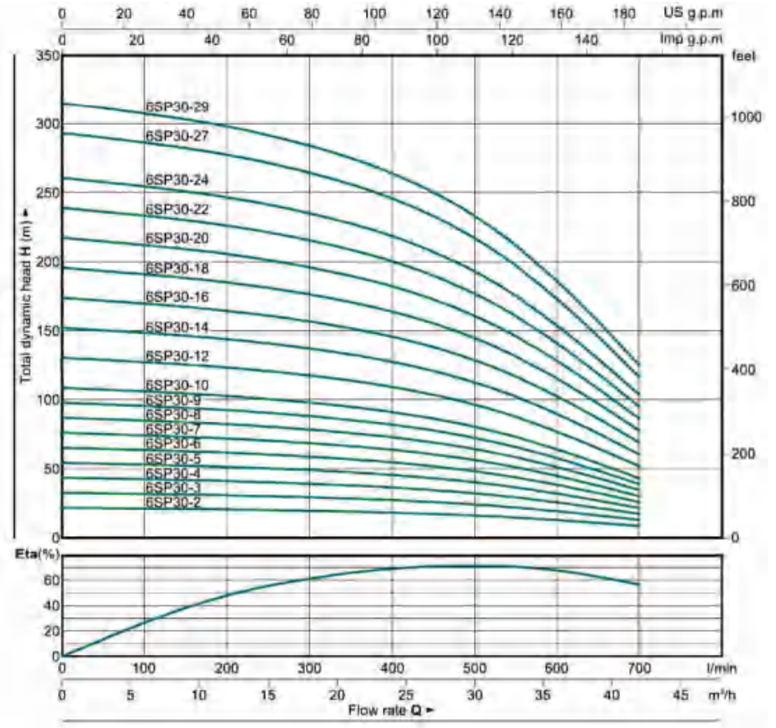
PERFORMANCE DATA 50HZ

Outlet:G2½"~G4"

MODEL		P2		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	3	6	9	12	15	18	21	24	27
				Q l/min	0	50	100	150	200	250	300	350	400	450
6SPM17-4	6SP17-4	2.2	3	H(m)	42	41	39	38	36	34	30	24	19	13
6SPM17-5	6SP17-5	3	4		53	51	49	47	45	42	37	30	23	16
6SPM17-6	6SP17-6	4	5.5		63	61	59	57	54	51	44	36	28	19
6SPM17-7	6SP17-7	4	5.5		74	71	69	66	63	59	52	42	33	22
6SPM17-8	6SP17-8	5.5	7.5		84	81	79	76	73	68	59	48	37	26
6SPM17-10	6SP17-10	5.5	7.5		105	102	98	95	91	85	74	60	47	32
—	6SP17-12	7.5	10		126	122	118	114	109	102	89	73	56	38
—	6SP17-14	9.2	12.5		147	142	138	133	127	119	104	85	65	45
—	6SP17-16	9.2	12.5		168	163	158	152	145	136	119	97	75	51
—	6SP17-19	11	15		200	193	187	180	172	161	141	115	89	61
—	6SP17-23	13	17.5		242	234	227	218	208	195	171	139	107	73
—	6SP17-26	15	20		273	265	256	246	236	220	193	157	122	83
—	6SP17-29	18.5	25		305	295	286	275	263	246	215	175	136	93
—	6SP17-32	18.5	25		336	326	315	303	290	271	237	193	150	102
—	6SP17-35	22	30		368	356	345	332	317	297	259	212	164	112
—	6SP17-38	22	30		399	387	374	360	344	322	282	230	178	121
—	6SP17-42	26	35		441	427	414	398	381	356	311	254	196	134
—	6SP17-46	26	35		483	468	453	436	417	390	341	278	215	147

6SP30

6"



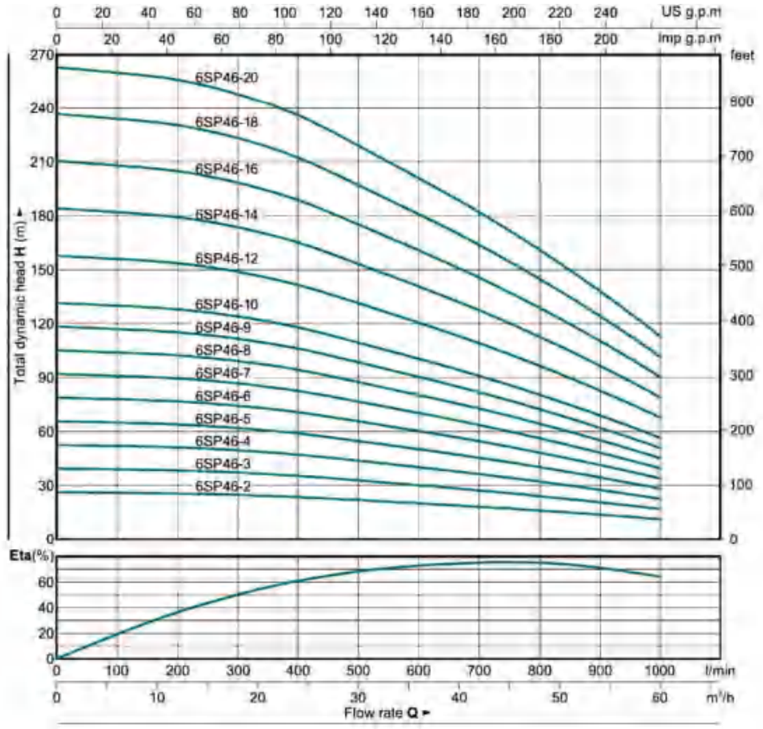
PERFORMANCE DATA 50HZ

Outlet:G2½"~G4"

MODEL		P2		DELIVERY n≈2850 1/min								
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	6	12	18	24	30	36	42
				Q l/min	0	100	200	300	400	500	600	700
6SPM30-2	6SP30-2	2.2	3	H(m)	22	21	21	20	18	16	13	9
6SPM30-3	6SP30-3	3	4		33	32	31	29	27	24	19	13
6SPM30-4	6SP30-4	4	5.5		43	42	41	39	36	32	26	17
6SPM30-5	6SP30-5	5.5	7.5		54	53	51	49	46	40	32	22
6SPM30-6	6SP30-6	5.5	7.5		65	64	62	59	55	48	38	26
—	6SP30-7	7.5	10		76	74	72	69	64	56	45	30
—	6SP30-8	7.5	10		87	85	82	78	73	64	51	34
—	6SP30-9	9.2	12.5		98	95	92	88	82	72	58	39
—	6SP30-10	9.2	12.5		109	106	103	98	91	80	64	43
—	6SP30-12	11	15		130	127	123	118	109	96	77	52
—	6SP30-14	13	17.5		152	148	144	137	127	112	90	60
—	6SP30-16	15	20		174	170	164	157	146	129	103	69
—	6SP30-18	18.5	25		196	191	185	176	164	145	115	78
—	6SP30-20	22	30		217	212	206	196	182	161	128	86
—	6SP30-22	22	30		239	233	226	215	200	177	141	95
—	6SP30-24	26	35		261	254	247	235	218	193	154	103
—	6SP30-27	30	40		293	286	277	264	246	217	173	116
—	6SP30-29	30	40		315	308	298	284	264	233	186	125

6SP46

6"



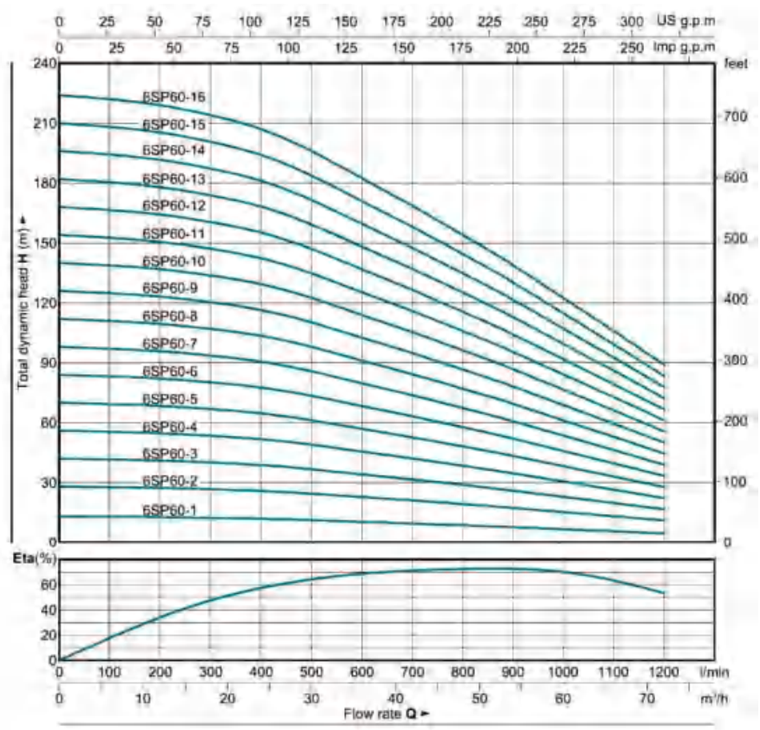
PERFORMANCE DATA 50HZ

Outlet:G2½"~G4"

MODEL		P2		DELIVERY n≈2850 1/min													
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	6	12	18	24	30	36	42	48	54	60
				Q l/min	0	100	200	300	400	500	600	700	800	900	1000
6SPM46-2	6SP46-2	3	4	H(m)	26	26	26	25	24	22	20	18	16	14	11
6SPM46-3	6SP46-3	4	5.5		39	39	38	37	35	33	30	27	24	21	17
6SPM46-4	6SP46-4	5.5	7.5		53	52	51	50	47	44	40	36	32	28	23
—	6SP46-5	7.5	10		66	65	64	62	59	55	50	45	40	34	28
—	6SP46-6	9.2	12.5		79	78	77	74	71	66	60	55	48	41	34
—	6SP46-7	11	15		92	91	90	87	83	77	70	64	56	48	40
—	6SP46-8	13	17.5		105	104	102	99	94	88	80	73	64	55	45
—	6SP46-9	15	20		118	117	115	112	106	99	90	82	72	62	51
—	6SP46-10	15	20		132	130	128	124	118	110	101	91	80	69	56
—	6SP46-12	18.5	25		158	156	154	149	142	131	121	109	97	83	68
—	6SP46-14	22	30		184	182	179	174	165	153	141	127	113	97	79
—	6SP46-16	26	35		210	208	205	198	189	175	161	146	129	110	90
—	6SP46-18	30	40		237	234	230	223	212	197	181	164	145	124	102
—	6SP46-20	30	40		263	260	256	248	236	219	201	182	161	138	113

6SP60

6"



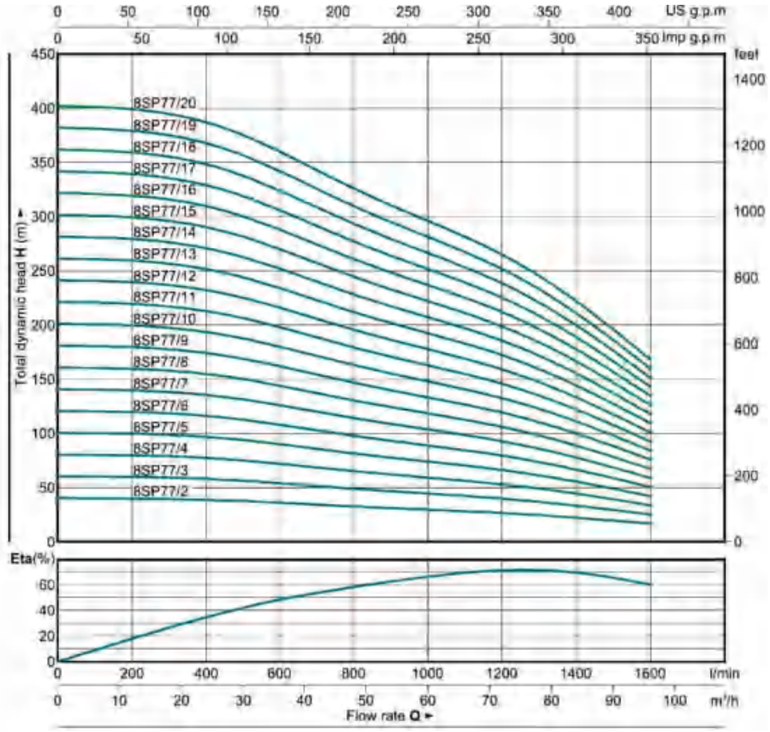
PERFORMANCE DATA 50HZ

Outlet:G2½"~G4"

MODEL		P2		DELIVERY n≈2850 1/min														
1~ 220V-240V	3~ 380-415V	KW	HP	Q m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72
				Q l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
6SPM60-1	6SP60-1	2.2	3	H(m)	13	13	13	12	12	11	10	10	9	8	7	6	5
6SPM60-2	6SP60-2	4	5.5		28	28	27	27	26	25	23	21	19	17	15	13	11
6SPM60-3	6SP60-3	5.5	7.5		42	42	41	40	39	37	34	32	29	26	23	20	17
—	6SP60-4	7.5	10		56	56	55	54	52	49	46	42	39	35	31	27	22
—	6SP60-5	9.2	12.5		70	69	68	67	65	61	57	53	48	43	38	33	28
—	6SP60-6	11	15		84	83	82	80	78	74	68	63	58	52	46	40	33
—	6SP60-7	13	17.5		98	97	96	94	91	86	80	74	67	61	54	46	39
—	6SP60-8	15	20		112	111	110	107	104	98	91	84	77	70	61	53	45
—	6SP60-9	18.5	25		126	125	123	120	116	110	103	95	87	78	69	60	50
—	6SP60-10	18.5	25		140	139	137	134	129	123	114	105	96	87	77	66	56
—	6SP60-11	22	30		154	153	151	147	142	135	125	116	106	96	84	73	61
—	6SP60-12	22	30		168	167	164	161	155	147	137	126	116	104	92	80	67
—	6SP60-13	26	35		182	180	178	174	168	159	148	137	125	113	100	86	72
—	6SP60-14	26	35		196	194	192	187	181	172	160	148	135	122	107	93	78
—	6SP60-15	30	40		210	208	205	201	194	184	171	158	144	130	115	99	83
—	6SP60-16	30	40		224	222	219	214	207	196	182	169	154	139	123	106	89

8SP77

8"



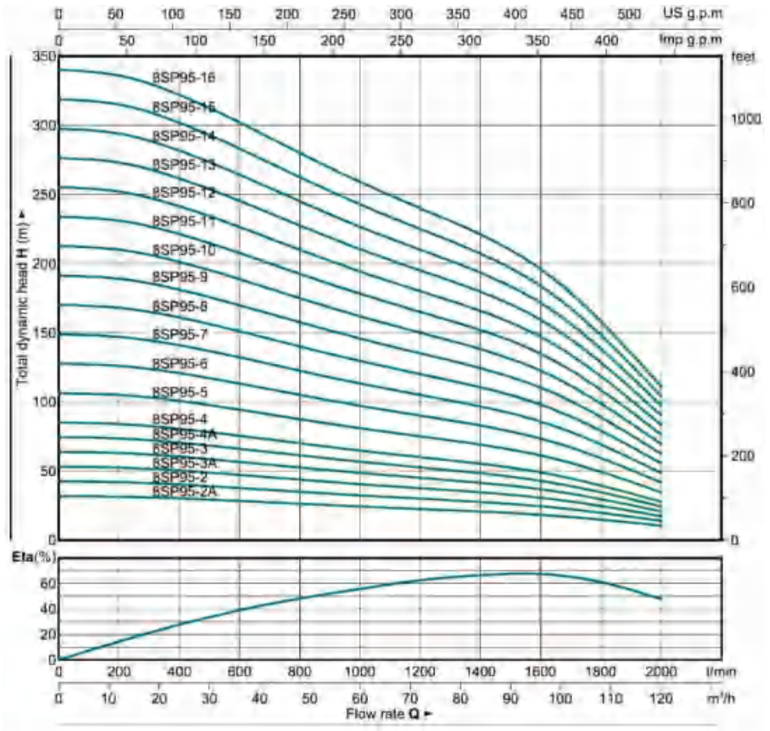
PERFORMANCE DATA 50HZ

Outlet:G5"

MODEL	P2		DELIVERY n≈2850 1/min									
3~ 380-415V	KW	HP	Q m³/h	0	12	24	36	48	60	72	84	96
			Q l/min	0	200	400	600	800	1000	1200	1400	1600
8SP77/2	7.5	10	H(m)	40	40	39	36	33	30	26	22	17
8SP77/3	11	15		60	60	58	54	49	44	40	33	25
8SP77/4	15	20		80	80	77	72	65	59	53	44	34
8SP77/5	18.5	25		101	100	97	90	81	74	66	55	42
8SP77/6	22	30		121	120	116	108	98	89	79	67	50
8SP77/7	26	35		141	140	135	126	114	104	93	78	59
8SP77/8	30	40		161	160	155	144	130	118	106	89	67
8SP77/9	30	40		181	180	174	162	147	133	119	100	76
8SP77/10	37	50		201	199	193	180	163	148	132	111	84
8SP77/11	37	50		221	219	213	198	179	163	146	122	92
8SP77/12	45	60		241	239	232	216	196	178	159	133	101
8SP77/13	55	75		261	259	252	234	212	192	172	144	109
8SP77/14	55	75		281	279	271	252	228	207	185	155	118
8SP77/15	55	75		302	299	290	270	244	222	199	166	126
8SP77/16	63	85		322	319	310	288	261	237	212	178	134
8SP77/17	63	85		342	339	329	306	277	252	225	189	143
8SP77/18	63	85		362	359	348	324	293	266	239	200	151
8SP77/19	75	100		382	379	368	342	310	281	252	211	160
8SP77/20	75	100		402	399	387	360	326	296	265	222	168

8SP95

8"



PERFORMANCE DATA 50HZ

Outlet:G5"

MODEL	P2		DELIVERY n≈2850 1/min											
3~ 380-415V	KW	HP	Q m³/h	0	12	24	36	48	60	72	84	96	108	120
			Q l/min	0	200	400	600	800	1000	1200	1400	1600	1800	2000
8SP95-2A	7.5	10	H(m)	32	32	30	28	26	24	23	21	18	15	10
8SP95-2	9.2	12.5		43	42	40	38	35	32	30	28	25	20	14
8SP95-3A	11	15		53	53	50	47	44	40	38	35	31	25	17
8SP95-3	13	17.5		64	63	60	57	53	49	45	41	37	30	21
8SP95-4A	15	20		74	74	70	66	61	57	53	48	43	35	24
8SP95-4	18.5	25		85	84	81	76	70	65	60	55	49	40	28
8SP95-5	22	30		106	105	101	94	88	81	75	69	61	49	35
8SP95-6	26	35		128	126	121	113	105	97	90	83	74	59	42
8SP95-7	30	40		149	147	141	132	123	113	105	97	86	69	49
8SP95-8	37	50		170	168	161	151	140	130	120	111	98	79	56
8SP95-9	37	50		191	189	181	170	158	146	135	124	110	89	62
8SP95-10	45	60		213	210	201	189	175	162	150	138	123	99	69
8SP95-11	55	75		234	231	221	208	193	178	165	152	135	109	76
8SP95-12	55	75		255	252	242	227	210	194	180	166	147	119	83
8SP95-13	63	85		276	273	262	245	228	210	195	180	159	128	90
8SP95-14	63	85		298	294	282	264	245	227	210	193	172	138	97
8SP95-15	75	100		319	315	302	283	263	243	225	207	184	148	104
8SP95-16	75	100		340	336	322	302	280	259	240	221	196	158	111

QB Series Peripheral Pumps

APPLICATION

Clean water without abrasive particles/Non-aggressive liquid
Domestic use In particular for delivery water in combination with small pressure sets and for irrigation Installed in enclosed places, or at least protected against inclement weather.

GPM60 QB60/PKM60

OPERATION CONDITIONS

Liquid temperature up to +60℃
Ambient temperature up to +40℃
Suction lift up to 9 mt
Continuous Duty

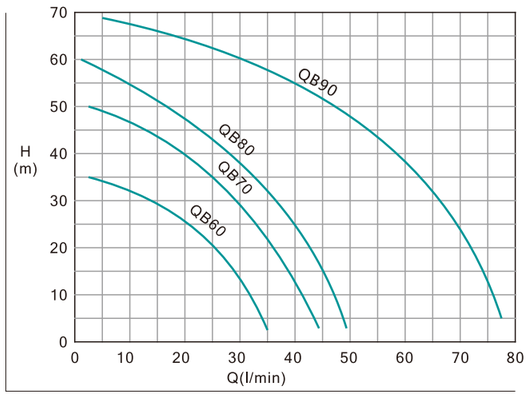
QB70/PKM70 QB80/PKM80

MATERIAL

Pump Body: Cast Iron
Motor Housing: Aluminum
Impeller: Brass
Motor winding: Copper
Motor shaft: Stainless steel / Carbon steel
Mechanical seal: Ceramic-graphite

MOTOR:

2 Pole Induction motor
220~240V/50Hz or on request.
Insulation: Class B
Protection: IP44
With thermal protector



Model	Power		Max.Flow	Max.Head	Max.Suct	In/outlet	DIM	weight
Single phase	kW	HP	L/min	m	m	inch	mm	kg
GPM60	0.37	0.5	35	35	9	1"×1"	290*140*170	6
QB60/PKM60	0.37	0.5	35	35		1"×1"	282*135*165	5.3
QB70/PKM70	0.55	0.75	45	50		1"×1"	33.5*17.8*20.3	9.5
QB80/PKM80	0.75	1	50	60		1"×1"	33.5*17.8*20.3	10

CPM Series Centrifugal Pumps

APPLICATION

Clean water with little impurities, non-corrosive liquid
Domestic use, Agricultural and irrigation. Installed in enclosed places, or at least protected against inclement weather

CPM130 CPM146 CPM158

OPERATION CONDITIONS

Liquid temperature up to +60℃
Ambient temperature up to +40℃
Suction lift up to 9 mt
Continuous Duty

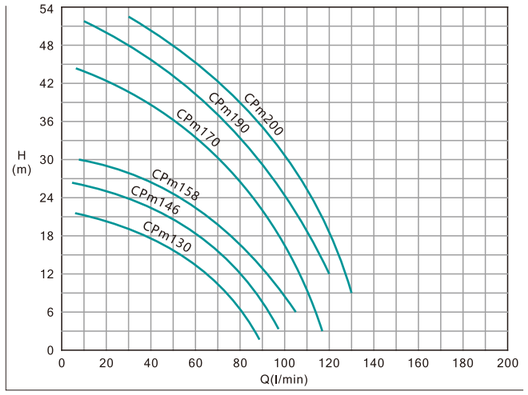
CPM170 CPM190 CPM200

MATERIAL

Pump Body: Cast Iron
Motor Housing: Aluminum
Impeller: Brass/Stainless Steel/PPO
Motor winding: Copper
Motor shaft: Stainless steel / Carbon steel
Mechanical seal: Ceramic-graphite

MOTOR:

2 Pole Induction motor
220~240V/50Hz or on request.
Insulation: Class B
Protection: IP44
With thermal protector



Model	Power		Max.Flow	Max.Head	Max.Suct	In/outlet	DIM	weight
Single phase	kW	HP	L/min	m	m	inch	mm	kg
CPM130	0.37	0.5	90	22	9	1"×1"	280*180*230	8.9
CPM146	0.55	0.75	100	26		1"×1"	340*210*265	12.2
CPM158	0.75	1	110	30		1"×1"	340*210*265	13.5
CPM170	1.1	1.5	120	44		1.25"×1"	390*240*290	20.5
CPM190	1.6	2.2	120	52		1"×1"	390*260*320	25
CPM200	2.2	3	130	59		1"×1"	455*280*340	30

HF(M) Series Centrifugal Pumps

APPLICATION

Clean water with little impurities, non-corrosive liquid Domestic use, Agricultural and irrigation. Installed in enclosed places, or at least protected against inclement weather

OPERATION CONDITIONS

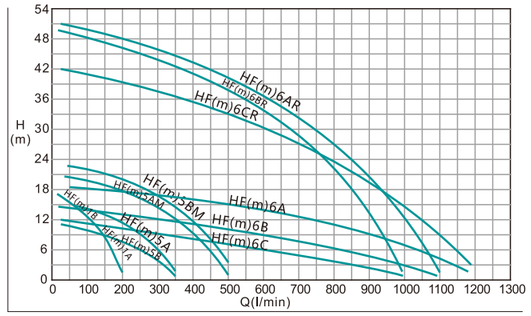
Liquid temperature up to +60℃
Ambient temperature up to +40℃
Suction lift up to 9 mt
Continuous Duty

MATERIAL

Pump Body: Cast Iron
Motor Housing: Aluminum
Impeller: Brass
Motor winding: Copper
Motor shaft: Stainless steel / Carbon steel
Mechanical seal: Ceramic-graphite

MOTOR:

2 Pole Induction motor
220~240V/50Hz or on request.
Insulation: Class B
Protection: IP44
With thermal protector



Model	Power		Max.Flow	Max.Head	Max.Suct	In/outlet	DIM	weight
Single phase	kW	HP	L/min	m	m	inch	mm	kg
HF(m)1B	0.55	0.75	200	12	7	1.5"×1.5"	350*235*255	12
HF(m)1A	0.75	1	200	12		1.5"×1.5"	350*235*255	13
HF(m)5A	1.1	1.5	350	21		2"×2"	365*240*265	14
HF(m)5B	0.75	1	350	21		2"×2"	365*240*265	13
HF(m)5AM	1.5	2	500	30		2"×2"	425*250*295	25
HF(m)5BM	1.1	1.5	500	30		2"×2"	425*250*295	24
HF(m)6A	2.2	3	1200	72		3"×3"	510*295*355	27
HF(m)6B	1.5	2	1100	66		3"×3"	460*285*345	32
HF(m)6C	1.1	1.5	1000	60		3"×3"	460*285*345	31
HF(m)6AR	2.2	3	1200	72		4"×4"	510*295*355	39
HF(m)6BR	1.5	2	1100	66		4"×4"	460*282*345	33
HF(m)6CR	1.1	1.5	1000	60		4"×4"	460*284*345	32

JSW/JSP Series Self-priming Pumps

APPLICATION

Clean water without abrasive particles Domestic use, irrigation of gardens etc.. High Head, Suitable for water lifting/distribution with small/medium pressure sets. Installed in enclosed places, or at least protected against inclement weather

OPERATION CONDITIONS

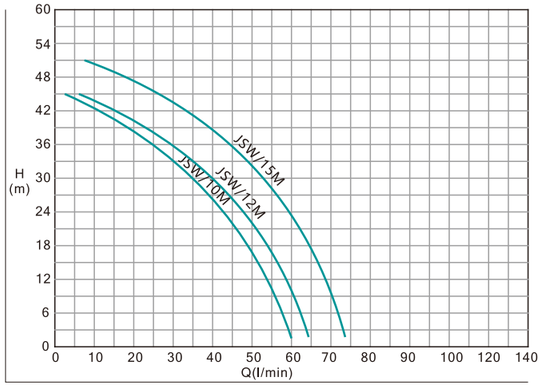
Liquid temperature up to +60℃
Ambient temperature up to +40℃
Suction lift up to 9 mt
Continuous Duty

MATERIAL

Pump Body: Cast Iron
Motor Housing: Aluminum
Impeller: Brass/PPO
Motor winding: Copper
Motor shaft: Stainless steel / Carbon steel
Mechanical seal: Ceramic-graphite

MOTOR:

2 Pole Induction motor
220~240V/50Hz or on request.
Insulation: Class B
Protection: IP44
With thermal protector



Model	Power		Max.Flow	Max.Head	Max.Suct	In/outlet	DIM	weight
Single phase	kW	HP	L/min	m	m	inch	mm	kg
JSW/10M	0.75	1	60	40	9	1"×1"	455*207*225	14
JSW/12M	0.9	1.25	65	45		1"×1"	455*207*225	15
JSW/15M	1.1	1.5	70	50		1"×1"	455*207*225	16
JSP-100A	0.37	0.5	36	30		1"×1"	400*180*200	11
JSP-255A	0.6	0.8	48	46		1"×1"	460*210*225	13
JSP-355A	0.75	1	52	51		1"×1"	460*210*225	14
JSP-1200	1.1	1.5	60	55		1.25"×1"	560*215*260	18.5
JSP-1400	1.5	2	70	60		1.25"×1"	560*215*260	20

JET Series Self-priming Pumps

NEW style

APPLICATION

Clean water without abrasive particles Domestic use, irrigation of gardens etc.. High Head, Suitable for water lifting/ distribution with small/medium pressure sets. Installed in enclosed places, or at least protected against inclement weather

OPERATION CONDITIONS

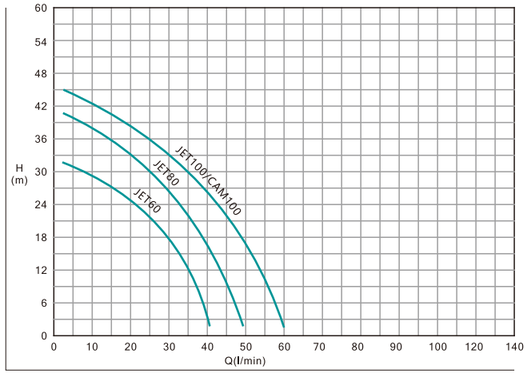
Liquid temperature up to +60℃
Ambient temperature up to +40℃
Suction lift up to 9 mt
Continuous Duty

MATERIAL

Pump Body: Cast Iron
Motor Housing: Aluminum
Impeller: Brass/PPO
Motor winding: Copper
Motor shaft: Stainless steel / Carbon steel
Mechanical seal: Ceramic-graphite

MOTOR:

2 Pole Induction motor
220~240V/50Hz or on request.
Insulation: Class B
Protection: IP44
With thermal protector



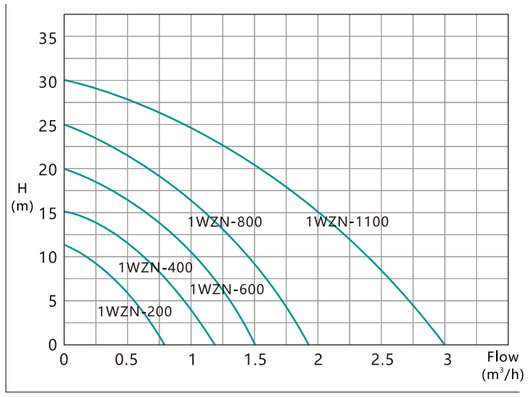
Model	Power		Max.Flow	Max.Head	Max.Suct	In/outlet	DIM	weight
Single phase	kW	HP	L/min	m	m	inch	mm	kg
JET-60L/P/M/S	0.46	0.6	42	38	9	1"×1"	475*205*225	12
JET-80L/P/M/S	0.6	0.8	50	42		1"×1"	475*205*225	13
JET-100L/P/M/S	0.75	1	60	45		1"×1"	475*205*225	14
CAM100	0.75	1	60	45	9	1"×1"	475*205*225	14

1WZN Series Automatic Peripheral Pumps

NEW style

USE

This series of pump are an ideal new energy-saving residential pump,which are widely used for supplying in domestic,drawing water from wells ,water pressure, garden irrigation,vegetable supplies,especially suitable for the water heater booster pipeline of insufficient hydraulic pressure,prevented the phenomenon of hot and cold supplies in turn.



Model	Suction m	Rated Flow (m^3/h)	Rated Head (m)	Power (w)	Caliber (in)	Start-up pressure (kgf/cm^2)
1WZN-200	8	0.8	12	200	1	1.2
1WZN-400	8	1.2	15	400	1	1.8
1WZN-600	8	1.5	20	600	1	2
1WZN-800	8	1.8	25	800	1	2.5
1WZN-1100	8	3	30	1100	1.5	2.8

V Series Self-priming Pumps




V180F V250F　　V450F V750F　　V1100F　　V2200F

OPERATING CONDITIONS

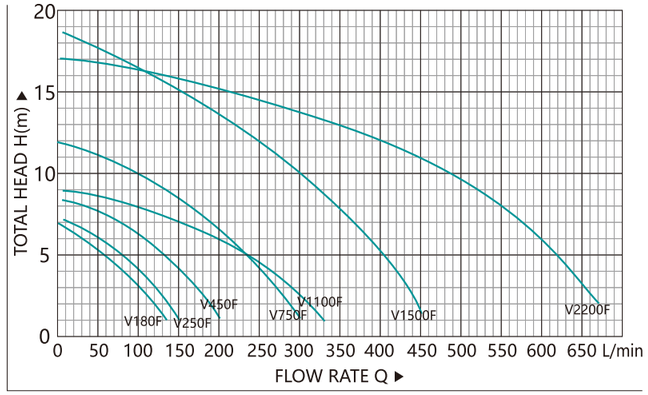
Maximum operating depth up to 5m below water leve
Fluid temperature up to 40℃
Maximum passage for suspended solids $35mm
Maximum emptying level 40mm from the bottom

STRUCTURAL CHARACTERISTICS

Cast iron impeller
100%Copper winding
Single/Three-phase,50/60Hz(on demand)
Stainless steel mechanical seal(graphite to ceramic)
Stainless steel pump body
C&U bearing or local bearing
With thermal overload protector
Anti-rust shaft(45#steel or welded stainless steel)

WARRANTY:1 YEAR

According to our general sales conditions



Model	Power	Out diameter	Voltage	Max.Flow	Max.Head	Max.Diameterof inclusion	G.W	Packing dimension
Single phase	kW	mm	V/Hz	L/min	m	mm	kgs	cm
V180F	0.18	40,32,25	220/50	133	7	15	9.0	18.5*18*36
V250F	0.25	40,32,25	220/50	150	7.5	15	9.5	18.5*18*36
V450F	0.45	50	220/50	200	8.5	25	18	25.5*19.5*49.5
V750F	0.75	50	220/50	300	12	25	22	25.5*19.5*49.5
V1100F	1.1	50	220/50	333	9	35	23.5	27.5*22.5*55.5
V1500F	1.5	50	220/50	450	18.5	20	28	58.5*35*24.5
V2200F	2.2	75	220/50	700	17	20	35	58.5*35*24.5

V-D Series Submersible Sewage Pumps

OPERATING CONDITIONS

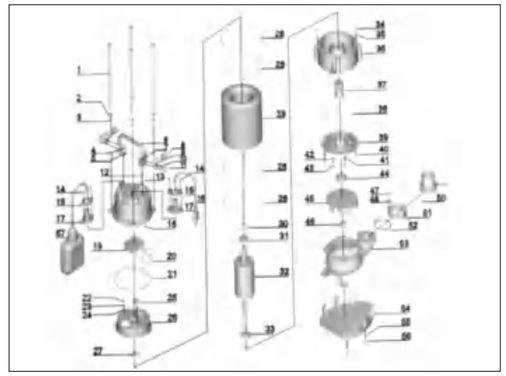
Maximum operating depth up to 5m below water leve
Fluid temperature up to 40℃
Maximum passage for suspended solids $35mm
Maximum emptying level 40mm from the bottom

STRUCTURAL CHARACTERISTICS

Cast iron impeller
100%Copper winding
Single/Three-phase,50/60Hz(on demand)
Stainless steel mechanical seal(graphite to ceramic)
Stainless steel pump body
C&U bearing or local bearing
With thermal overload protector
Anti-rust shaft(45#steel or welded stainless steel)


V1100DF V1300DF　　V1800DF V2200DF V3000DF

No.	DESCRIPTION	No.	DESCRIPTION	No.	DESCRIPTION
1	Bolt	20	"O"ring	39	Oil chamber cover
2	Stretching washer	21	Rubber washer	40	Screw
3	Washer	22	Screw	41	Washer
4	Bolt	23	Stretching washer	42	"O"ring
5	Washer	24	Washer	43	Screw
6	Handle	25	Line protector	44	Oil seal
7	Nut	26	Motor cover	45	Impeller
8	Protector	27	Thermal protector	46	Nut
9	Cable presser	28	"O"ring	47	Bolt
10	Washer	29	Stator	48	Washer
11	Screw	30	Undulated washer	49	Out-let connector
12	Bolt	31	Bearing	50	"O"ring
13	"O"ring	32	Rotor	51	Connection nut
14	Screw	33	Bearing	52	Rubber washer
15	Flange	34	Screw	53	Pump body
16	Cable	35	Washer	54	Base plate
17	Cable protector	36	Connection part	55	Washer
18	Capacitor cover	37	Mechanical seal	56	Screw
19	Capacitor	38	"O"ring	57	Float switch



Model	Power	Out diameter	Voltage	Max.Flow	Max.Head	Max.Diameterof inclusion	G.W	Packing dimension
Single phase	kW	mm	V/Hz	L/min	m	mm	kgs	cm
V1100DF	1.1	50	220/50	233	7	15	22.5	56.5*30.5*24.5
V1300DF	1.3	50	220/50	300	12	15	25.5	56.5*30.5*24.5
V1800DF	1.8	75	220/50	440	10	15	30.5	58.5*35*24.5
V2200DF	2.2	75	220/50	700	10.5	20	35.0	58.5*35*24.5
V3000DF	3.0	75	220/50	700	12	20	36.5	58.5*35*24.5

HMC60-SH

Horizontal multistage pumps

Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.
The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

※ Two-pole induction motor(n=2850 rp.m)
※ Insulation Class B
※ Protection IP44
※ Continuous service S1
※ Thermal protector for single phase
※ Single-phase 220V/50Hz, 60Hz if request
※ Three-phase 380V/50Hz, 60Hz if request

Component

※ Pump body:
※ Pump support:
※ Motor housing:
※ Impeller:
※ Motor shaft:
※ Mechanical seal:

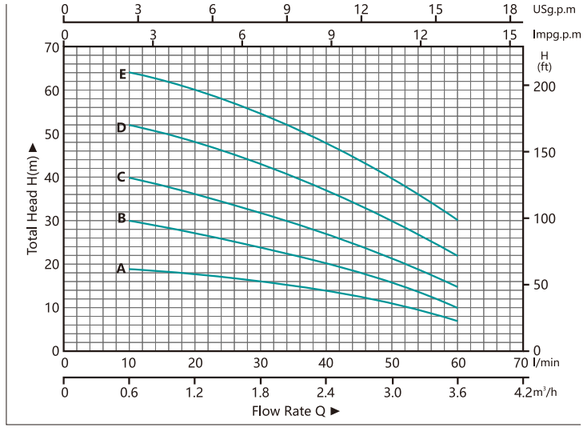
Construction

Cast iron + Stainless steel
Cast iron
Aluminum
AISI304 SS, Techno-polymer if request
AISI304 SS
Ceramic/Graphite

Operating conditions

※ Liquid temperature up to 60°C
※ Ambient temperature up to 40°C
※ Total suction lift up to 8m

PERFORMANCE CHART AT n=2850RPM



TECHNICAL DATA

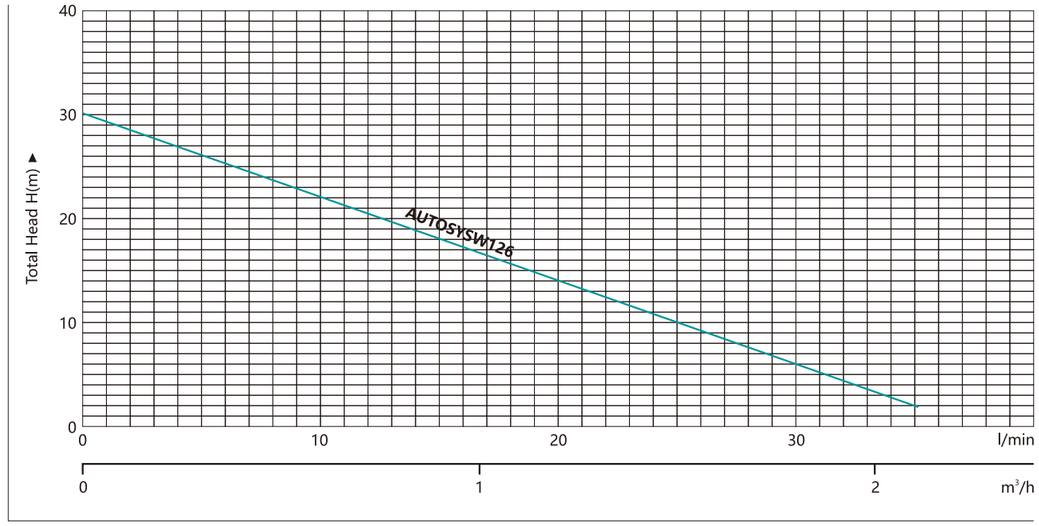
NO.	MODEL	POWER		Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6
		kW	HP	Q(l/min)	0	10	20	30	40	50	60
A	HHMC60-2S	0.37	0.5		20	19	18	16	14	11	7
B	HHMC60-3S	0.50	0.65		32	30	27	24	20	16	10
C	HHMC60-4S	0.70	0.95	H	43	40	36	32	27	21	15
D	HHMC60-5S	0.85	1.15		54	52	48	43	37	30	22
E	HHMC60-6S	1.00	1.3		66	64	60	55	48	40	30

SYSW

AUTOSYSW126

AUTOSYSW136

PERFORMANCE CHART AT n=2850 r/min



TECHNICAL DATA

Model	Single-phase motor n=2850r/min							Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1
	Input max kW	Output power kW	Output power HP	Current A	Q.max L/min	H.max m	Suct.max m	L/min	0	5	10	15	20	25	30	35
AUTOSYSW126	0.25	0.25	0.33	1.6	35	30	9	H meter	30	26	22	17	12	8	5	2
AUTOSYSW136	0.37	0.37	0.5	2	35	30	9		35	31	27	22	16	12	7	5

QY Permanent Magnet Variable Frequency Submersible Electric Pumps

1. The pump must connect to driver then turn on, or it will burnt.
2. Should only work with clean water without leafs and dirty water.
3. Medium temperature:≥0℃≤50℃.
4. Environment Temp: +45℃.
5. Do not work over pump water litf and need to work fully under water.
6. The pump should leave at least 0.5 meter in height on the groud,do not put it into mud.

Pipe Diameter	Model	Power (kW)	Voltage (V)	Max.Flow (m^3/h)	Max.Head (m)	Max Speed (rpm)	Current (A)
6"	QY220-8-4A/6	4	380	220	8	3600	9.5
	QY260-11-5.5A/6	5.5	380	260	11	3600	14
	QY320-12-7.5A/6	7.5	380	320	12	3600	18
8"	QY300-8-5.5A/8	5.5	380	300	8	3600	14
	QY360-10-7.5A/8	7.5	380	360	10	3600	18

Model	Frequncy	Power Speed		Rated.Flow	Rated.Head	Max.Head	Outlet Diameter
	V/Hz	kW/HP	r/min	m^3/h	m	m	mm
QY65-10-3B	380/50	3/4	2900	65	10	13	100
QY100-8-4B	380/50	4/5.5	2900	100	8	11.5	150
QY160-8-5.5B	380/50	5.5/7.5	2900	160	8	11.5	150
QY260-8-7.5B	380/50	7.5/10	2900	260	8	11.5	200

Q (D) Series Deep Well Pumps

Q (D) SERIES 3T

Model	Impeller	Voltage (V)	Rated.Flow (m^3)	Power (kW)	Head (m)
1200(D)3-30/2-0.75	2	220/380	3	0.75	30
120Q(D)3-45/3-1.1	3	220/380	3	1.1	45
1200(D)3-60/4-1.5	4	220/380	3	1.5	60
120Q(D)3-75/5-1.8	5	220/380	3	1.8	75
120Q(D)3-90/6-2.2	6	220/380	3	2.2	90
120Q(D)3-105/7-3.0	7	220/380	3	3.0	105

Q (D) SERIES 6T

Model	Impeller	Voltage (V)	Rated.Flow (m^3)	Power (kW)	Head (m)
120Q(D)6-32/3-1.8	3	220/380	6	1.8	32
120Q(D)6-45/4-2.2	4	220/380	6	2.2	45
120Q(D)6-60/5-2.5	5	220/380	6	2.5	60
120Q(D)6-70/6-3.0	6	220/380	6	3.0	70

Q (D) SERIES 10T

Model	Impeller	Voltage (V)	Rated.Flow (m^3)	Power (kW)	Head (m)
120Q(D)10-26/2-1.8	2	220/380	10	1.8	26
120Q(D)10-40/3-2.2	3	220/380	10	2.2	40
120Q(D)10-50/4-3.0	4	220/380	10	3.0	50

Q (D) SERIES 15T

Model	Impeller	Voltage (V)	Rated.Flow (m^3)	Power (kW)	Head (m)
120Q(D)15-22/2-3.0	2	220/380	15	3.0	22
120Q(D)15-32/3-3.0	3	220/380	15	3.0	32

QGWQ Sewage And Waste Cutting Electric Pumps

SERVICE CONDITION

1.Medium temperature does not exceed 40℃, medium density ≦1050kg/m³,PH value in the range of 4-10.

2.Minimum operating level:reference installation dimension diagram(with the motor cooling system)or(without motor cooling system)

3.The main parts of Pump is cast iron and ductile iron,it can not be used in
Pumping corrosive or contain corrosive solid particles media.

4. The diameter of the solid media should not exceed the minimum size of runner. It is recommended for the size of the flow channel is below 80% and the size of runner are "the main parameters" of the pumps, the length of the fibers should not exceed the discharge diameter of the pump.

Model	Frequncy	Power Speed		Rated.Flow	Rated.Head	Max.Head	Outlet Diameter
	V/Hz	kW/HP	r/min	m³/h	m	m	mm
QGWQ40-12-3	380/50	3/4	2900	40	12	20	80
QGWQ50-13-4	380/50	4/5.5	2900	50	13	24	80
QGWQ45-20-5.5	380/50	5.5/7.5	2900	45	20	30.5	80
QGWQ65-15-5.5	380/50	5.5/7.5	2900	65	15	32	100
QGWQ45-25-7.5	380/50	7.5/10	2900	45	25	35.5	80
QGWQ65-20-7.5	380/50	7.5/10	2900	65	20	34.5	100
QGWQ60-12-4	380/50	4/5.5	2900	60	12	20	100
QGWQ100-15-7.5	380/50	7.5/10	2900	100	15	26	150

WQ Sewage Submersible Electric Pumps

SERVICE CONDITION

1.Medium temperature does not exceed 40℃,medium density ≦1050kg/m³,PH value in the range of 4-10.
2.Minimum operating level:reference installation dimension diagram(with the motor cooling system)or(without motor cooling system)
3.The main parts of Pump is cast iron and ductile iron,it can not be used in Pumping corrosive or contain corrosive solid particles media.
4.The diameter of the solid media should not exceed the minimum size of runner.It is recommended for the size of the flow channel is below 80% and the size of runner are "the main parameters" of the pumps, the length of the fibers should not exceed the discharge diameter of the pump.

Model	Frequncy	Power Speed		Rated.Flow	Rated.Head	Max.Head	Outlet Diameter
	V/Hz	kW/HP	r/min	m³/h	m	m	mm
WQ18-25-3	380/50	3/4	2900	18	25	30.5	50
WQ25-22-3	380/50	3/4	2900	25	22	30	65
WQ40-13-3	380/50	3/4	2900	40	13	20	80
WQ60-9-3	380/50	3/4	2900	60	9	17.5	100
WQ18-32-4	380/50	4/5.5	2900	18	32	37	50
WQ25-28-4	380/50	4/5.5	2900	25	28	35.5	65
WQ40-18-4	380/50	4/5.5	2900	40	18	23	80
WQ60-13-4	380/50	4/5.5	2900	60	13	21	100
WQ15-40-5.5	380/50	5.5/7.5	2900	15	40	44.4	50
WQ18-36-5.5	380/50	5.5/7.5	2900	18	36	44.4	50
WQ30-30-5.5	380/50	5.5/7.5	2900	30	30	37.1	80
WQ45-22-5.5	380/50	5.5/7.5	2900	45	22	29.8	100
WQ65-15-5.5	380/50	5.5/7.5	2900	65	15	25.9	100
WQ20-45-7.5	380/50	7.5/10	2900	20	45	49.9	50
WQ30-36-7.5	380/50	7.5/10	2900	30	36	43.3	80
WQ65-11-7.5	380/50	7.5/10	2900	65	11	32.8	100
WQ100-10-7.5	380/50	7.5/10	2900	100	10	20.9	150

QDX Series Submersible Sewage Pumps

QDX1.5-16-0.37 QDX8-18-0.75 QDX10-18-1.1 QDX40-9-1.5

APPLICATION

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

OPERATION CONDITIONS

Max.Submersible depth: 5m
Flow rate up to 60.5m³/h
Liquid temperature up to +40℃
Ambient temperature up to +40℃

MATERIAL

Pump Body: Cast Aluminum
Motor Bracket: Cast Aluminum
Impeller: Aluminum
Motor winding: Copper
Motor shaft: Carbon steel
Mechanical seal: Ceramic-graphite/Ceramic
Suction strainer: plated iron

MOTOR:

2 Pole Induction motor
220~240V/50Hz or on request.
Insulation: Class E
Protection: IPX8
With thermal protector

Model	Power		Max.Flow	Max.Head	In/outlet	DIM	weight
Single phase	kW	HP	m³/h	m	inch	mm	kg
QDX1.5-16-0.37	0.37	0.5	6	18	1	395*160*220	7.5
QDX3-20-0.55	0.55	0.75	7	24	1	410*165*205	10.5
QDX1.5-32-0.75	0.75	1	8	34	1	435*200*220	12.5
QDX3-24-0.75	0.75	1	8.5	25.5	1	430*195*215	125.5
QDX8-18-0.75	0.75	1	19.5	20	1.5	435*170*220	12.5
QDX10-16-0.75	0.75	1	19.5	20	2	435*170*220	12
QDX15-10-0.75	0.75	1	36	12	2.5	440*180*240	12
QDX3-30-1.1	1.1	1.5	9.5	30	1	455*195*215	13.5
QDX10-18-1.1	1.1	1.5	28	22	2	465*190*255	16.5
QDX10-20-1.5	1.5	2	28	24	2	465*190*255	12.5
QDX40-9-1.5	1.5	2	60	10	3	485*205*170	18

ISO9001
SHENYUAN

QDX(A) Series Submersible Sewage Pumps

QDX1.5-16-0.37A QDX1.5-32-0.75A QDX10-18-1.1A

APPLICATION

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

OPERATION CONDITIONS

Max.Submersible depth: 5m
Flow rate up to 60.5m³/h
Liquid temperature up to +40℃
Ambient temperature up to +40℃

MATERIAL

Pump Body: Cast Aluminum
Motor Bracket: Cast Aluminum
Impeller: Aluminum
Motor winding: Copper
Motor shaft: Carbon steel
Mechanical seal: Ceramic-graphite/Ceramic
Suction strainer: plated iron

MOTOR:

2 Pole Induction motor
220~240V/50Hz or on request.
Insulation: Class E
Protection: IPX8
With thermal protector

Model	Power		Max.Flow	Max.Head	In/outlet	DIM	weight
Single phase	kW	HP	m³/h	m	inch	mm	kg
QDX1.5-16-0.37A	0.37	0.5	6	18	1	395*160*220	7.5
QDX3-20-0.55A	0.55	0.75	7	24	1	410*165*205	10.5
QDX1.5-32-0.75A	0.75	1	8	34	1	435*200*220	12.5
QDX3-24-0.75A	0.75	1	8.5	25.5	1	430*195*215	125.5
QDX8-18-0.75A	0.75	1	19.5	20	1.5	435*170*220	12.5
QDX10-16-0.75A	0.75	1	19.5	20	2	435*170*220	12
QDX15-10-0.75A	0.75	1	36	12	2.5	440*180*240	12
QDX3-30-1.1A	1.1	1.5	9.5	30	1	455*195*215	13.5
QDX10-18-1.1A	1.1	1.5	28	22	2	465*190*255	16.5
QDX10-20-1.5A	1.5	2	28	24	2	465*190*255	12.5
QDX40-9-1.5A	1.5	2	60	10	3	485*205*170	18

QB(A) Series Peripheral Pumps

APPLICATION

Clean water without abrasive particles/Non-aggressive liquid
Domestic use In particular for delivery water in combination with small pressure sets and for irrigation Installed in enclosed places, or at least protected against inclement weather.

OPERATION CONDITIONS

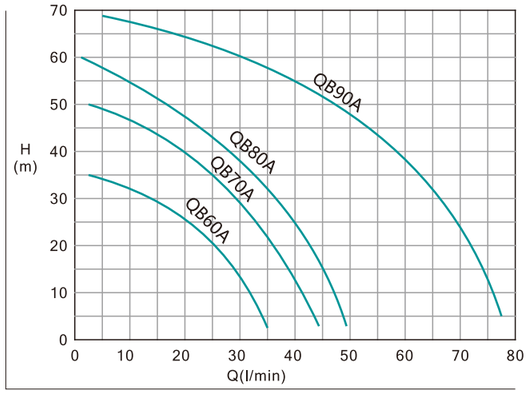
Liquid temperature up to +60℃
Ambient temperature up to +40℃
Suction lift up to 9 mt
Continuous Duty

MATERIAL

Pump Body: Cast Iron
Motor Housing: Aluminum
Impeller: Brass
Motor winding: Copper
Motor shaft: Stainless steel / Carbon steel
Mechanical seal: Ceramic-graphite

MOTOR:

2 Pole Induction motor
220~240V/50Hz or on request.
Insulation: Class B
Protection: IP44
With thermal protector



Model	Power		Max.Flow	Max.Head	Max.Suct	In/outlet	DIM	weight
Single phase	kW	HP	L/min	m	m	inch	mm	kg
GPM60A	0.37	0.5	35	35	9	1"×1"	290*140*170	6
QB60/PKM60A	0.37	0.5	35	35		1"×1"	282*135*165	5.3
QB70/PKM70A	0.55	0.75	45	50		1"×1"	33.5*17.8*20.3	9.5
QB80/PKM80A	0.75	1	50	60		1"×1"	33.5*17.8*20.3	10

CPM(A) Series Centrifugal Pumps

APPLICATION

Clean water with little impurities, non-corrosive liquid
Domestic use, Agricultural and irrigation. Installed in enclosed places, or at least protected against inclement weather

OPERATION CONDITIONS

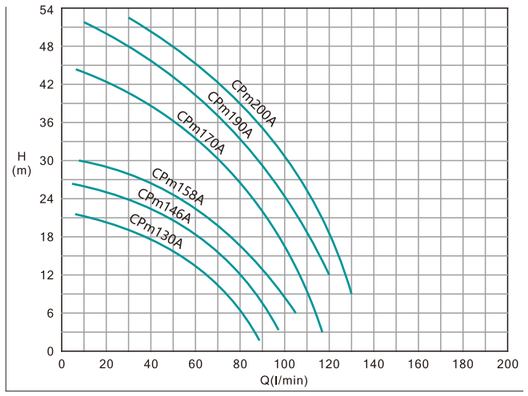
Liquid temperature up to +60℃
Ambient temperature up to +40℃
Suction lift up to 9 mt
Continuous Duty

MATERIAL

Pump Body: Cast Iron
Motor Housing: Aluminum
Impeller: Brass/Stainless Steel/PPO
Motor winding: Copper
Motor shaft: Stainless steel / Carbon steel
Mechanical seal: Ceramic-graphite

MOTOR:

2 Pole Induction motor
220~240V/50Hz or on request.
Insulation: Class B
Protection: IP44
With thermal protector



Model	Power		Max.Flow	Max.Head	Max.Suct	In/outlet	DIM	weight
Single phase	kW	HP	L/min	m	m	inch	mm	kg
CPM130A	0.37	0.5	90	22	9	1"×1"	280*180*230	8.9
CPM146A	0.55	0.75	100	26		1"×1"	340*210*265	12.2
CPM158A	0.75	1	110	30		1"×1"	340*210*265	13.5
CPM170A	1.1	1.5	120	44		1.25"×1"	390*240*290	20.5
CPM190A	1.6	2.2	120	52		1"×1"	390*260*320	25
CPM200A	2.2	3	130	59		1"×1"	455*280*340	30

Permanent Magnet Variable Frequency Constant Pressure Pumps

Permanent Magnet Energy Saving 30% Frequency Conversion

Permanent magnet intelligence frequency conversion

-30% Long life, small size, Energy saving 30%

PUMP Completely replace traditional AC water pumps;

PMQB-400
PMQB-600
PMQB-800

PMZN-400
PMZN-600
PMZN-800

APPLICATION

Clean water without abrasive particles/Non-aggressive liquid
Domestic use In particular for delivery water in combination with small pressure sets and for irrigation Installed in enclosed places, or at least protected against inclement weather.

OPERATION CONDITIONS

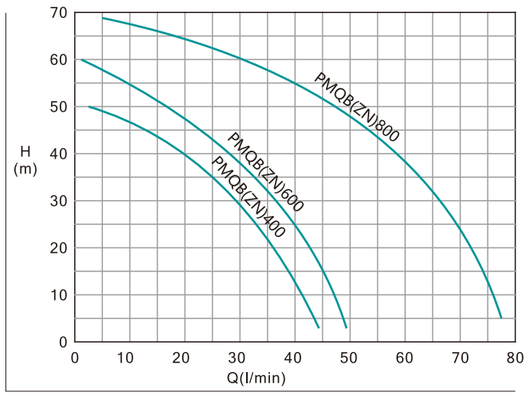
Liquid temperature up to +60℃
Ambient temperature up to +40℃
Suction lift up to 9 mt
Continuous Duty

MATERIAL

Pump Body: Cast Iron
Motor Housing: Aluminum
Impeller: Brass
Motor winding: Copper
Motor shaft: Stainless steel / Carbon steel
Mechanical seal: Ceramic-graphite

MOTOR:

2 Pole Induction motor
220~240V/50Hz or on request.
Insulation: Class B
Protection: IP44
With thermal protector



Model	Power		Voltage	Speed	Max.Flow	Max.Head	Max.Suct	In/outlet
Single phase	kW	HP	V	rpm	L/min	m	m	inch
PMZN-400	0.4	0.55	220V	3500	35	35	9	1"×1"
PMZN-600	0.6	0.8	220V	3500	45	50		1"×1"
PMZN-800	0.8	1.1	220V	3500	50	60		1"×1"
PMQB-400	0.4	0.55	220V	3500	35	35	9	1"×1"
PMQB-600	0.6	0.8	220V	3500	45	50		1"×1"
PMQB-800	0.8	1.1	220V	3500	50	60		1"×1"

ISO9001
SHENYUAN

SYM

Pipe Pump Series

Permanent Magnet Energy Saving 30% Frequency Conversion

TECHNICAL DATA

Model	Frequncy	Power Speed	Rated.Flow	Rated.Head	Max.Head	Outlet Diameter
	V/Hz	kW/HP	r/min	m³/h	m	mm
SYM25-125	220V	0.75/1.0	3500	4	20	25
SYM32-125	220V	0.75/1.0	3500	5	20	32
SYM40-125A	220V	0.75/1.0	3500	5.6	12.5	40
SYM25-160A	220V	1.1/1.5	3500	3.7	28	25
SYM32-160A	220V	1.1/1.5	3500	4	25	32
SYM40-125	220V	1.1/1.5	3500	6.3	20	40
SYM25-160	220V	1.5/2.0	3500	4	32	25
SYM32-160	220V	1.5/2.0	3500	6.3	32	32
SYM40-160A	220V	1.5/2.0	3500	5.9	28	40
SYM32-200A	220V	2.2/3	3500	4	44	32
SYM40-160A	220V	2.2/3	3500	6.3	32	40
SYM50-160A	220V	2.2/3	3500	11.1	28	50
SYM32-200	380V	3/4	3500	4.5	50	32
SYM40-200A	380V	3/4	3500	5.9	44	40
SYM50-160A	380V	3/4	3500	12.5	32	50
SYM40-200	380V	4/5	3500	6.3	50	40
SYM50-200A	380V	4/5	3500	11.7	44	50
SYM65-160	380V	4/5	3500	25	32	65
SYM40-250A	380V	5.5/7.5	3500	5.9	70	40
SYM50-200	380V	5.5/7.5	3500	12.5	50	50
SYM65-200B	380V	5.5/7.5	3500	21.8	38	65
SYM80-160B	380V	5.5/7.5	3500	43.4	24	80
SYM40-250	380V	7.5/10	3500	6.3	80	40
SYM50-250A	380V	7.5/10	3500	16	70	50
SYM65-200	380V	7.5/10	3500	25	50	65
SYM80-160A	380V	7.5/10	3500	46.7	28	65

SYS-WP

Solar power conversion pump

High Lift

MPPT — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% — The Efficiency Is Improved By 25%

SYS-26 SYS-30

SYS-WP50 SYS-WP80 SYS-WP100

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
SYS-WP50	72V	90-120V	1100	30	20	50	< 150	36	250	6	
SYS-WP80	110V	110-150V	1500	50	20	80	< 200	36	300	8	
SYS-WP100	288V	288-310V	2200	70	18	100	< 420	36	330	8	
SYS-WP50(N)	288V	288-310V	2200	30	60	50	< 420	36	330	8	
SYS-26	72V	90-120V	1100	13-22	0-4mpa	50	< 150	36	250	6	
SYS-30	110V	110-150V	1500	30-40	0-4mpa	80	< 200	36	300	8	

SYM-WP

Permanent Magnet Frequency Conversion Series

Permanent Magnet Energy Saving 30% Frequency Conversion

Permanent magnet intelligence frequency conversion

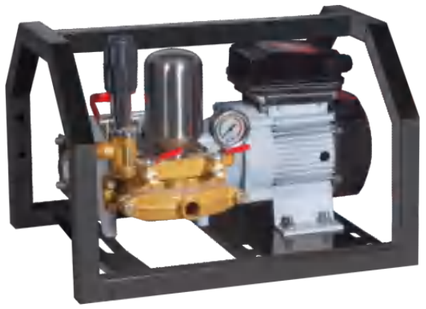
-30% — Long life, small size, Energy saving 30%

PUMP — Completely replace traditional AC water pumps;

SYM-WP50

SYM-WP80

SYM-WP100



SYM-26 SYM-30

TECHNICAL DATA

Model	Voltage (v)	Power		Pump kit	Suctom Height	Speed (r/min)	Output	Inlet and Outlet Insige dia
		KW	HP					
SYM-WP50	220V	1.1	1.5	20M	8M	3500	30m³/h	50MM
SYM-WP80	220V	1.5	2	20M	8M	3500	50m³/h	80MM
SYM-WP100	220V	2.2	3	20M	8M	3500	75m³/h	100MM
SYM-WP50(N)	220V	3	4	60M	8M	3500	30m³/h	50MM
SYM-26	220V	1.1	1.5	0-4mpa		3500	13-22	
SYM-30	220V	1.1	1.5	0-4mpa		3500	30-40	

SYS-CPM

Solar power conversion pump

High Lift

MPPT — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% — The Efficiency Is Improved By 25%

SYS-HF6BM-110-1500

SYS-HF6A-288-2200

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Hmax	Max.suct	Qmax	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m)	(m)	(L/min)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
SYS-CPM158-72-750	72V	90-120V	750	32	7	120	25	< 150	36V	250	4	
SYS-HF5BM-110-1100	110V	110-150V	1100	20	7	600	50	< 200	36V	250	6	
SYS-HF6BM-110-1500	110V	110-150V	1500	16	7	1200	80	< 200	36V	300	8	
SYS-HF6A-288-2200	288V	288-310V	2200	19	7	1300	100	< 420	36V	330	8	

SYM-CPM

Permanent Magnet Frequency Conversion Series

Permanent Magnet Energy Saving 30% Frequency Conversion

Permanent magnet intelligence frequency conversion

-30% — Long life, small size, Energy saving 30%

PUMP — Completely replace traditional AC water pumps;

SYM-CPM158

SYM-HF5BM

SYM-HF6BM

SYM-HF6A

TECHNICAL DATA

Model	Rated voltage	Power		Speed	Hmax	Max.suct	Qmax	Caliber
	V	KW	HP	r/min	m	m	L/min	mm
SYM-CPM158	220V	750	1	4200	32	7	120	25
SYM-HF5BM	220V	1100	1.5	4200	20	7	600	50
SYM-HF6BM	220V	1500	2	4200	16	7	1200	80
SYM-HF6A	220V	2200	3	4200	19	7	1300	100

SYS-QDX

Solar power conversion pump

- High Lift
- MPPT — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher
- +25% — The Efficiency Is Improved By 25%

SYS-QDX1.5-16-48-370
SYS-QDX3-20-48-550
SYS-QDX1.5-32-72-750
SYS-QDX3-24-72-750

SYS-QDX8-18-72-750
SYS-QDX10-18-110-1100
SYS-QDX40-9-110-1500

SYS-QDX65-10-2880-2200

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
SYS-QDX1.5-16-48-370	48	60-90V	370	1.5	16	1	< 100	36	300	2	
SYS-QDX3-20-48-550	48	90-120V	550	3	20	1	< 100	36	250	4	
SYS-QDX1.5-32-72-750	72	90-120V	750	1.5	32	1	< 150	36	330	3	
SYS-QDX3-24-72-750	72	90-120V	750	3	24	1	< 150	36	330	3	
SYS-QDX8-18-72-750	72	90-120V	750	8	18	2	< 150	36	330	3	
SYS-QDX10-18-110-1100	110	110-150V	1100	10	18	2	< 200	36	360	4	
SYS-QDX40-9-110-1500	110	110-150V	1500	40	9	3	< 200	36	330	6	
SYS-QDX65-10-2880-2200	228	228-420V	2200	65	10	4	< 200	36	330	6	

SYM-QDX

Permanent Magnet Frequency Conversion Series

Permanent Magnet
Energy Saving
30%
Frequency Conversion

- Permanent magnet intelligence frequency conversion
- -30% — Long life, small size, Energy saving 30%
- PUMP — Completely replace traditional AC water pumps;

SYM-QDX1.5-16-0.37
SYM-QDX3-20-0.55
SYM-QDX1.5-32-0.75
SYM-QDX3-24-0.75

SYM-QDX8-18-0.75
SYM-QDX10-18-1.1
SYM-QDX40-9-1.5

SYM-QDX65-10-2.2

APPLICATION

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

OPERATION CONDITIONS

Max.Submersible depth: 5m
Flow rate up to 60.5m³/h
Liquid temperature up to +40℃
Ambient temperature up to +40℃

MATERIAL

Pump Body: Cast Aluminum
Motor Bracket: Cast Aluminum
Impeller: Aluminum
Motor winding: Copper
Motor shaft: Carbon steel
Mechanical seal: Ceramic-graphite/Ceramic
Suction strainer: plated iron

MOTOR:

2 Pole Induction motor
220~240V/50Hz or on request.
Insulation: Class E
Protection: IPX8
With thermal protector

TECHNICAL DATA

Model	Rated voltage	Power		Speed	Hmax	Qmax	Caliber
	V	KW	HP	r/min	m	L/min	mm
SYM-QDX1.5-16-0.37	220V	370	0.5	4200	16	25	25
SYM-QDX3-20-0.55	220V	550	0.75	4200	20	50	25
SYM-QDX1.5-32-0.75	220V	750	1	4200	32	25	25
SYM-QDX3-24-0.75	220V	750	1	4200	24	50	25
SYM-QDX8-18-0.75	220V	750	1	4200	18	116	50
SYM-QDX10-18-1.1	220V	1100	1.5	4200	18	166	50
SYM-QDX40-9-1.5	220V	1500	2	4200	9	666	80
SYM-QDX65-10-2.2	220V	2200	3	4200	10	1200	100

SYS-TP

Solar power conversion pump

High Lift

Mppt Funct Ion,
The Solar Power
Utilization Rate
Is Higher

The Efficiency Is
Improved By 25%

SYS-TP13-13-48-370
SYS-TP17-15-48-550
SYS-TP21-15-72-750

SYS-TP31-19-110-1100
SYS-TP31-20-110-1500

SYS-TP31-25-288-2200

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
SYS-TP13-13-48-370	48	60-90V	550	13	13	2	< 100	36	300	2	
SYS-TP17-15-48-550	48	60-90V	550	17	15	2	< 100	36	250	4	
SYS-TP21-15-72-750	72	90-120V	750	21	15	2	< 150	36	330	3	
SYS-TP31-19-110-1100	110	110-150V	1100	31	19	2	< 200	36	360	4	
SYS-TP31-20-110-1500	110	110-150V	1500	31	20	2	< 200	36	330	6	
SYS-TP31-25-288-2200	288	288-420V	2200	31	25	2	< 440	36	340	8	

SYM-TP

Permanent Magnet Frequency Conversion Series

Permanent magnet
intelligence
frequency conversion

Long life,
small size,
Energy saving 30%

Completely replace
traditional
AC water pumps;

SYM-TP150 SYM-TP200

SYM-TP50 SYM-TP75 SYM-TP100

Permanent Magnet
Energy Saving
30%
Frequency Conversion

SYM-TP300

TECHNICAL DATA

Model	Rated voltage	Power		Speed	Hmax	Qmax	Caliber
	V	KW	HP	r/min	m	L/min	mm
SYM-TP50	220V	370W	0.5	3500	11	210	50
SYM-TP75	220V	550W	0.75	3500	13	240	50
SYM-TP100	220V	750W	1	3500	13	275	50
SYM-TP150	220V	1100W	1.5	3500	17	430	50
SYM-TP200	220V	1500W	2	3500	18	520	50
SYM-TP300	220V	2200W	3	3500	19.5	635	50

SYM-WQ

Permanent Magnet Frequency Conversion Series

Permanent Magnet Energy Saving 30% Frequency Conversion

High Lift

Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% The Efficiency Is Improved By 25%

SYM-WQ15-40-5.5
SYM-WQ30-30-5.5
SYM-WQ65-15-5.5
SYM-WQ30-36-7.5
SYM-WQ100-10-7.5
SYM-WQ18-36-5.5
SYM-WQ45-22-5.5
SYM-WQ20-45-7.5
SYM-WQ65-11-7.5

SYM-WQ18-25-3
SYM-WQ40-13-3
SYM-WQ18-32-4
SYM-WQ40-18-4
SYM-WQ25-22-3
SYM-WQ60-9-3
SYM-WQ25-28-4
SYM-WQ60-13-4

TECHNICAL DATA

Model	Frequncy	Power Speed	Rated.Flow	Rated.Head	Rated.Head	Max.Head	Outlet Diameter
	V/Hz	kW/HP	r/min	m³/h	m	m	mm
SYM-WQ18-25-3	380/50	3/4	3500	18	25	30.5	50
SYM-WQ25-22-3	380/50	3/4	3500	25	22	30	65
SYM-WQ40-13-3	380/50	3/4	3500	40	13	20	80
SYM-WQ60-9-3	380/50	3/4	3500	60	9	17.5	100
SYM-WQ18-32-4	380/50	4/5.5	3500	18	32	37	50
SYM-WQ25-28-4	380/50	4/5.5	3500	25	28	35.5	65
SYM-WQ40-18-4	380/50	4/5.5	3500	40	18	23	80
SYM-WQ60-13-4	380/50	4/5.5	3500	60	13	21	100
SYM-WQ15-40-5.5	380/50	5.5/7.5	3500	15	40	44.4	50
SYM-WQ18-36-5.5	380/50	5.5/7.5	3500	18	36	44.4	50
SYM-WQ30-30-5.5	380/50	5.5/7.5	3500	30	30	37.1	80
SYM-WQ45-22-5.5	380/50	5.5/7.5	3500	45	22	29.8	100
SYM-WQ65-15-5.5	380/50	5.5/7.5	3500	65	15	25.9	100
SYM-WQ20-45-7.5	380/50	7.5/10	3500	20	45	49.9	50
SYM-WQ30-36-7.5	380/50	7.5/10	3500	30	36	43.3	80
SYM-WQ65-11-7.5	380/50	7.5/10	3500	65	11	32.8	100
SYM-WQ100-10-7.5	380/50	7.5/10	3500	100	10	20.9	150

SYM-QGWQ

Permanent Magnet Frequency Conversion Series

Permanent Magnet Energy Saving 30% Frequency Conversion

Permanent magnet intelligence frequency conversion

-30% Long life, small size, Energy saving 30%

PUMP Completely replace traditional AC water pumps;

SYM-QGWQ45-20-5.5
SYM-QGWQ45-25-7.5
SYM-QGWQ60-12-4
SYM-QGWQ65-15-5.5
SYM-QGWQ65-20-7.5
SYM-QGWQ100-15-7.5

SYM-QGWQ40-12-3
SYM-QGWQ50-13-4

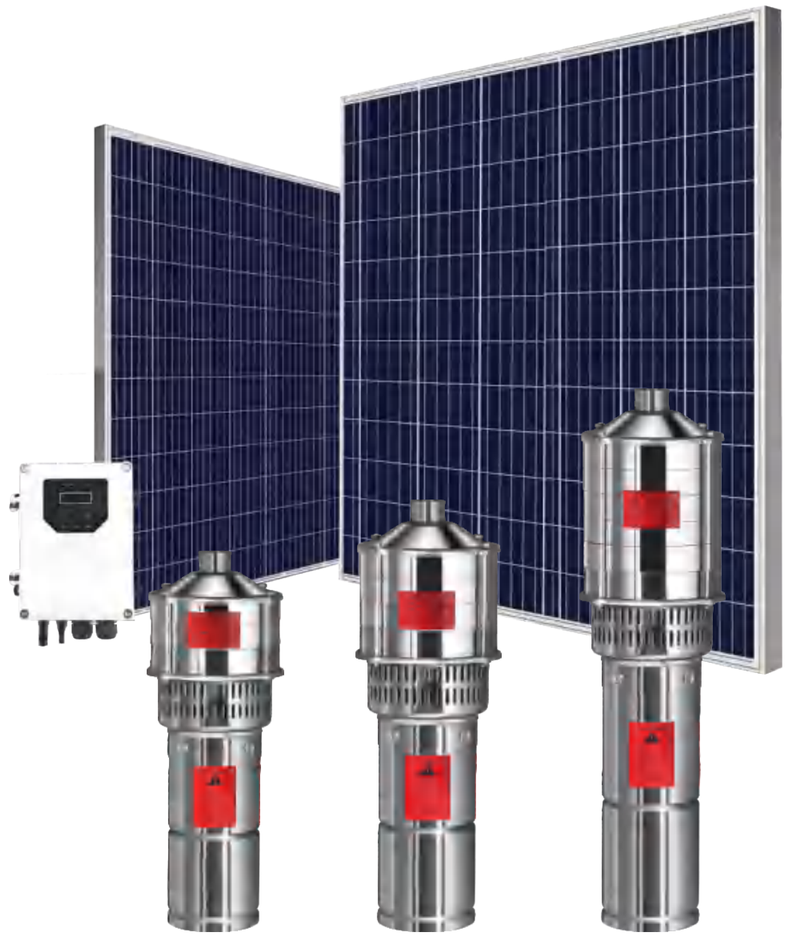
TECHNICAL DATA

Model	Frequncy	Power Speed	Rated.Flow	Rated.Head	Rated.Head	Max.Head	Outlet Diameter
	V/Hz	kW/HP	r/min	m³/h	m	m	mm
SYM-QGWQ40-12-3	380/50	3/4	3500	40	12	20	80
SYM-QGWQ50-13-4	380/50	4/5.5	3500	50	13	24	80
SYM-QGWQ45-20-5.5	380/50	5.5/7.5	3500	45	20	30.5	80
SYM-QGWQ65-15-5.5	380/50	5.5/7.5	3500	65	15	32	100
SYM-QGWQ45-25-7.5	380/50	7.5/10	3500	45	25	35.5	80
SYM-QGWQ65-20-7.5	380/50	7.5/10	3500	65	20	34.5	100
SYM-QGWQ60-12-4	380/50	4/5.5	3500	60	12	20	100
SYM-QGWQ100-15-7.5	380/50	7.5/10	3500	100	15	26	150

SYS-Q(D)

Solar power conversion pump

- High Lift
- MPPT — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher
- +25% — The Efficiency Is Improved By 25%



SYS-Q(D)3-45-72-1100 SYS-Q(D)3-60-110-1500 SYS-Q(D)3-75-288-2200

TECHNICAL DATA

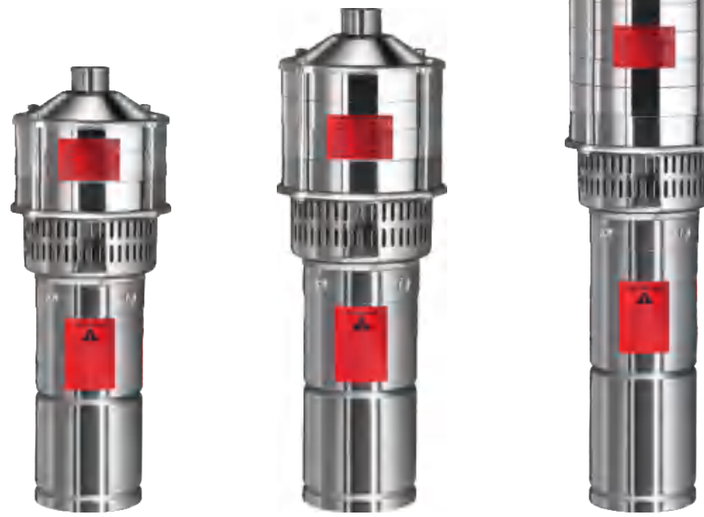
Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
SYS-Q(D)3-45-72-1100	72	90-120V	750	3	45	1	< 150	36	330	3	
SYS-Q(D)3-60-110-1500	110	110-150V	1500	3	60	1	< 200	36	330	6	
SYS-Q(D)3-75-288-2200	288	288-420V	2200	3	75	1	< 440	36	340	8	

SYM-Q(D)

Permanent Magnet Frequency Conversion Series

Permanent Magnet Energy Saving 30% Frequency Conversion

- Permanent magnet intelligence frequency conversion
- -30% — Long life, small size, Energy saving 30%
- PUMP — Completely replace traditional AC water pumps;



SYM-Q(D)3-45/2-1.1 SYM-Q(D)3-60/3-1.5 SYM-Q(D)3-75/4-2.2

TECHNICAL DATA

Model	Power		Impeller	Voltage	Rated.Flow	Rated.Flow	Head	Outlet Diameter
	KW	HP	Level	V	r/min	m³/h	m	mm
SYM-Q(D)3-45/2-1.1	1.1	1.5	3	220	4200	3	45	25
SYM-Q(D)3-60/3-1.5	1.5	2	4	220	4200	3	60	25
SYM-Q(D)3-75/4-2.2	2.2	3	6	220	4200	3	75	25

SYS-V

Solar power conversion pump

High Lift

MPPT — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% — The Efficiency Is Improved By 25%

SYS-48-V370 SYS-72-V550D
SYS-72-V550 SYS-72-V750D
SYS-72-V750

SYS-110-V1100 SYS-110-V1100D
SYS-110-V1500 SYS-110-V1500D

SYS-288-V2200 SYS-288-V2200D

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
SYS-48-V370	48	60-90V	370	9	12	2	<100	36	250	4	
SYS-72-V550	72	90-120V	550	20	17	2	<150	36	330	3	
SYS-72-V750	72	90-120V	750	20	20	2	<150	36	330	3	
SYS-110-V1100	110	110-150V	1100	25	20	2	<200	36	360	4	
SYS-110-V1500	110	110-150V	1500	28	23	2	<200	36	330	6	
SYS-288-V2200	288	288-420V	2200	42	29	2	<440	36	340	8	
SYS-72-V550D	72	90-120V	550	20	15	2	<150	36	330	3	
SYS-72-V750D	72	90-120V	750	20	18	2	<150	36	330	3	
SYS-110-V1100D	110	110-150V	1100	25	18	2	<200	36	360	4	
SYS-110-V1500D	110	110-150V	1500	28	21	2	<200	36	330	6	
SYS-288-V2200D	288	288-420V	2200	42	26	2	<440	36	340	8	

SYM-V

Permanent Magnet Frequency Conversion Series

Permanent Magnet Energy Saving 30% Frequency Conversion

Permanent magnet intelligence frequency conversion

-30% — Long life, small size, Energy saving 30%

PUMP — Completely replace traditional AC water pumps;

SYM-V370 SYM-V550D
SYM-V550 SYM-V750D
SYM-V750

SYM-V1100 SYM-V1500
SYM-V1100D SYM-V1500D

SYM-V2200 SYM-V2200D

TECHNICAL DATA

Model	Power		Out Diameter	Voltage	Rated.Flow	Rated.Flow	Max.Head	Outlet Diameter
	KW	HP	mm	V	r/min	L/mim	m	mm
SYM-V370	0.37	0.5	40,32,25	220	4200	150	12	40
SYM-V550	0.55	0.75	50	220	4200	300	17	50
SYM-V750	0.75	1	50	220	4200	300	20	50
SYM-V1100	1.1	1.5	50	220	4200	333	20	50
SYM-V1500	1.5	2	50	220	4200	450	23	50
SYM-V2200	2.2	3	75	220	4200	700	29	50
SYM-V550D	0.55	0.75	50	220	4200	233	15	50
SYM-V750D	0.75	1	50	220	4200	233	18	50
SYM-V1100D	1.1	1.5	50	220	4200	300	18	50
SYM-V1500D	1.5	2	75	220	4200	440	21	50
SYM-V2200D	2.2	3	75	220	4200	700	26	50

SYS-JET

Solar power conversion pump

High Lift

Mppt Funct Ion,
The Solar Power
Utilization Rate
Is Higher

The Efficiency Is
Improved By 25%

SYS-JET4-38-48-550 SYS-JET4.5-44-72-750

SYS-JET5.4-48-110-1100

SYS-JET6.2-55-110-1500

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
SYS-JET4-38-48-550	48	60-90V	550	4	38	1	< 100	36	250	4	
SYS-JET4.5-44-72-750	72	90-120V	750	4.5	44	1	< 150	36	330	3	
SYS-JET5.4-48-110-1100	110	110-150V	1100	5.4	48	1	< 200	36	360	4	
SYS-JET6.2-55-110-1500	110	110-150V	1500	6.2	55	1	< 200	36	330	6	

SYM-JET

Permanent Magnet Frequency Conversion Series

Permanent Magnet
Energy Saving
30%
Frequency Conversion

Permanent magnet
intelligence
frequency conversion

Long life,
small size,
Energy saving 30%

Completely replace
traditional
AC water pumps;

SYM-JET-550 SYM-JET-750

SYM-JET-1100

SYM-JET-1500

TECHNICAL DATA

Model	Power		Voltage	Rated.Flow	Rated.Flow	Head	Max.suct	Outlet Diameter
	KW	HP	V	r/min	m³/h	m	m	mm
SYM-JET-550	0.55	0.75	220	3500	4	38	7	25
SYM-JET-750	0.75	1	220	3500	4.5	44	7	25
SYM-JET-1100	1.1	1.5	220	3500	5.4	48	7	25
SYM-JET-1500	1.5	2	220	3500	6.2	55	7	25

SYS-PHM

Solar power conversion pump

High Lift

MPPT — Mppt Funct Ion, The Solar Power Utilization Rate Is Higher

+25% — The Efficiency Is Improved By 25%

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
SYS-PHM4-37-48-370	48	60-90V	370	4	37	1	< 100	36	300	2	
SYS-PHM4-51-48-550	48	60-90V	550	4	51	1	< 100	36	250	4	
SYS-PHM4-67-72-750	72	90-120V	750	4	67	1	< 150	36	330	3	
SYS-PHM4-80-110-1100	1100	110-150V	1100	4	80	1	< 200	36	360	4	
SYS-PHM6-36-48-370	48	60-90V	370	6	36	1.25	< 100	36	300	2	
SYS-PHM6-53-48-550	48	60-90V	550	6	53	1.25	< 100	36	250	4	
SYS-PHM6-69-72-750	72	90-120V	750	6	69	1.25	< 150	36	330	3	
SYS-PHM6-80-110-1100	110	110-150V	1100	6	80	1.25	< 200	36	360	4	
SYS-PHM16-38-48-550	48	60-90V	550	16	38	1.5	< 100	36	250	4	
SYS-PHM16-57-72-750	72	90-120V	750	16	57	1.5	< 150	36	330	3	
SYS-PHM16-75-110-1100	110	110-150V	1100	16	75	1.5	< 200	36	360	4	

SYM-PHM

Permanent Magnet Frequency Conversion Series

Permanent magnet intelligence frequency conversion

-30% — Long life, small size, Energy saving 30%

PUMP — Completely replace traditional AC water pumps;

Permanent Magnet Energy Saving 30% Frequency Conversion

TECHNICAL DATA

Model	Power		Impeller	Voltage	Rated.Flow	Rated.Flow	Head	Outlet Diameter
	KW	HP	Level	V	r/min	m³/h	m	mm
SYM-PHM1-2	0.37	0.5	2	220	4200	2.4	37	25
SYM-PHM1-3	0.55	0.75	4	220	4200	2.4	51	25
SYM-PHM1-4	0.75	1	7	220	4200	2.4	67	25
SYM-PHM1-5	1.1	1.5	7	220	4200	4	80	25
SYM-PHM2-2	0.37	0.5	2	220	4200	4	36	25
SYM-PHM2-3	0.55	0.75	4	220	4200	4	53	25
SYM-PHM2-4	0.75	1	5	220	4200	4	69	25
SYM-PHM2-5	1.1	1.5	7	220	4200	4	80	25
SYM-PHM4-2	0.55	0.75	3	220	4200	6	38	32
SYM-PHM4-3	0.75	1	4	220	4200	6	57	32
SYM-PHM4-4	1.1	1.5	5	220	4200	6	75	32

SYS-HBM

Solar power conversion pump

High Lift

Mppt Funct Ion,
The Solar Power
Utilization Rate
Is Higher

The Efficiency Is
Improved By 25%

SYS-HBM3.5-29-48-550

SYS-HBM3.5-37-72-750

SYS-HBM3.5-55-110-1100

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
SHENYUAN	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
SYS-HBM3.5-29-48-550	48	60-90V	550	2	29	1	< 100	36	250	4	
SYS-HBM3.5-37-72-750	72	90-120V	750	2	37	1	< 150	36	330	3	
SYS-HBM3.5-55-110-1100	110	110-150V	1100	2	55	1	< 200	36	360	4	
SYS-HBM7-30-48-550	48	60-90V	550	2	30	1.25	< 100	36	300	2	
SYS-HBM7-39-72-750	72	90-120V	750	2	39	1.25	< 150	36	330	3	
SYS-HBM7-48-110-1100	110	110-150V	1100	2	48	1.25	< 200	36	360	4	

SYM-HBM

Permanent Magnet Frequency Conversion Series

Permanent magnet
intelligence
frequency conversion

Long life,
small size,
Energy saving 30%

Completely replace
traditional
AC water pumps;

SYM-HBM2-2

SYM-HBM2-3

SYM-HBM2-4

Permanent Magnet
Energy Saving
30%
Frequency Conversion

TECHNICAL DATA

Model	Power		Impeller	Voltage	Rated.Flow	Rated.Flow	Head	Outlet Diameter
	KW	HP	Level	V	r/min	m³/h	m	mm
SYM-HBM2-2	0.55	0.75	2	220	4200	3.5	37	25
SYM-HBM2-3	0.75	1	3	220	4200	3.5	55	25
SYM-HBM2-4	1.1	1.5	4	220	4200	3.5	73	25
SYM-HBM4-2	0.55	0.75	2	220	4200	7	37	32
SYM-HBM4-3	0.75	1	3	220	4200	7	55	32
SYM-HBM4-4	1.1	1.5	4	220	4200	7	73	32

CDL/CDLF

Stainless steel vertical multi-stage centrifugal pump

Pump

CDL/CDLF is a kind of vertical non-self priming multistage centrifugal pump, which is driven by a stan-dard electrie motor. The motor output shaft directly con-nects with the pump shaft through a coupling. The pres.sure-resistant cylinder and flow passage components arefixed between pump head and inlet & outlet section withstay bolts. The inlet and outlet are located at the pump bottom at the same plane. This kind of pump can be equipped with an intelligent protector to effectively preventit from dry-running, out-of-phase and overload.

Operation conditions

- Thin, clean, non-flammable and non-explosive liquid containing no solid granules and fibers.
- Liquid temperature:
  Normal temperature type: -15℃~+70℃
  Hot water type:-15℃~+120℃
- Ambient temperature: up to 140℃
- Altitude:up to 1000m

Definition of Model

CDL/CDLF1,2,3,4,8,12,16 and 20

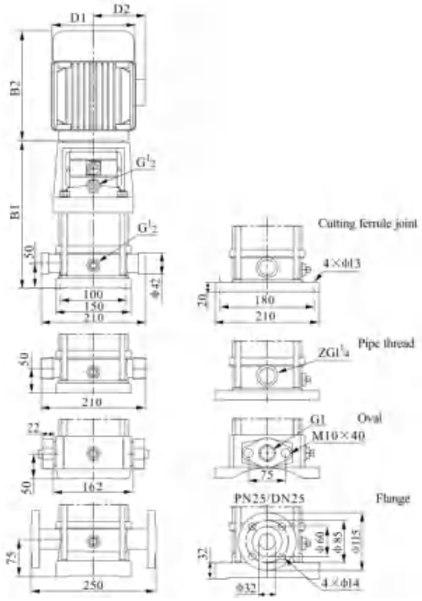
CDL F 8 - 2 / 1

- 1 — Number ofimpeller
- 2 — Stage
- 8 — Rated flow(m³/h)
- F — (Common type omitted) Flow passage components are of stainless steel304 or 316L
- CDL — Light vertical multistage centrifugal pump

TECHNICAL DATA

Model	Driving Motor (kW)	Driving Motor (hp)	Q m³/h	0.6	0.8	1	1.2	1.4	1.6	1.8	2
CDL1-2	0.37	0.5		17.5	17	16.5	16	15.5	15	14	13
CDL1-3	0.37	0.5		26.5	26	25	24	23	22	21	20
CDL1-4	0.37	0.5		35	34	33	32	31	30	28	26
CDL1-5	0.55	0.75		43	42	41	40	39	38	35	33
CDL1-6	0.55	0.75		52	51	50	48	47	45	43	39
CDL1-7	0.75	1		60	59	58	56	55	52	50	46
CDL1-8	0.75	1		68	67	65	64	62	59	57	53
CDL1-9	0.75	1		76	75	74	73	71	66	64	60
CDL1-10	1.1	1.5	H(m)	85	84	83	81	78	74	72	67
CDL1-11	1.1	1.5		95	93	90	87	85	81	78	73
CDL1-12	1.1	1.5		103	102	98	96	92	88	86	79
CDL1-13	1.1	1.5		112	110	107	105	100	95	93	86
CDL1-15	1.5	2		127	125	123	121	117	112	107	99
CDL1-17	1.5	2		144	141	139	137	132	124	120	112
CDL1-19	2.2	3		160	157	155	153	147	141	134	124
CDL1-21	2.2	3		177	174	172	168	162	153	147	138
CDL1-23	2.2	3		193	190	188	184	174	167	161	152
CDL1-25	3	4		210	207	205	202	192	184	176	164

Installation sketch



Size and weight

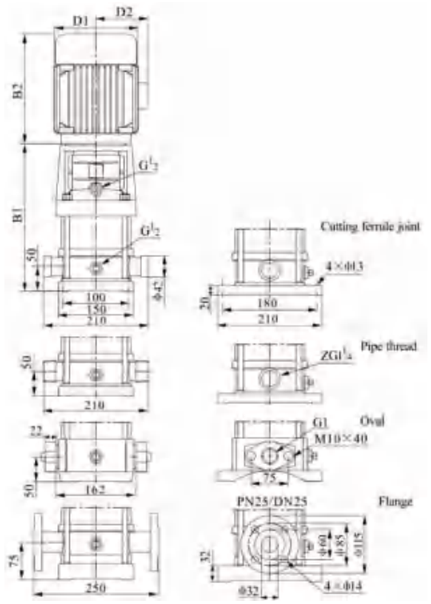
Model	Size(mm) B1	B2	B1+B2	D1	D2	Weight (kg)
CDL1-2	258	210	468	148	117	20
CDL1-3	276	210	486	148	117	20
CDL1-4	294	210	504	148	117	21
CDL1-5	312	210	522	148	117	22
CDL1-6	330	210	540	148	117	23
CDL1-7	358	245	603	170	142	26
CDL1-8	376	245	621	170	142	27
CDL1-9	394	245	639	170	142	28
CDL1-10	412	245	657	170	142	29
CDL1-11	430	245	675	170	142	29
CDL1-12	448	245	693	170	142	30
CDL1-13	466	245	711	170	142	31
CDL1-15	512	290	802	190	155	37
CDL1-17	548	290	838	190	155	38
CDL1-19	584	290	874	190	155	41
CDL1-21	620	290	910	190	155	42
CDL1-23	656	290	946	190	155	43
CDL1-25	702	315	1017	197	165	51

CDL1-19~1-25 sub-connection ofpipeline has no oval flange connection.
The overall dimensions of the single-phase motor and explosion-proof motor are a little diferent. Pls contact us for details

TECHNICAL DATA

Model	Driving Motor		Q m^3/h	1	1.5	2	2.5	3	3.5	4	4.5
	(kW)	(hp)									
CDL2-2	0.55	0.75		26	24	22	21	18	16	12	9
CDL2-3	0.75	1		39	36	33	31	27	24	19	15
CDL2-4	1.1	1.5		52	48	45	42	36	32	26	20
CDL2-5	1.1	1.5		65	60	57	52	46	41	32	25
CDL2-6	1.1	1.5		78	74	69	63	56	49	40	30
CDL2-7	1.5	2	H(m)	91	86	81	74	66	57	47	35
CDL2-9	2.2	3		117	111	104	95	86	75	61	45
CDL2-11	2.2	3		143	136	128	116	104	90	75	56
CDL2-13	3	4		171	163	152	139	126	108	90	66
CDL2-15	3	4		195	186	176	160	142	125	103	77
CDL2-18	4	5.5		234	228	212	195	171	151	126	94

Installation sketch



Size and weight

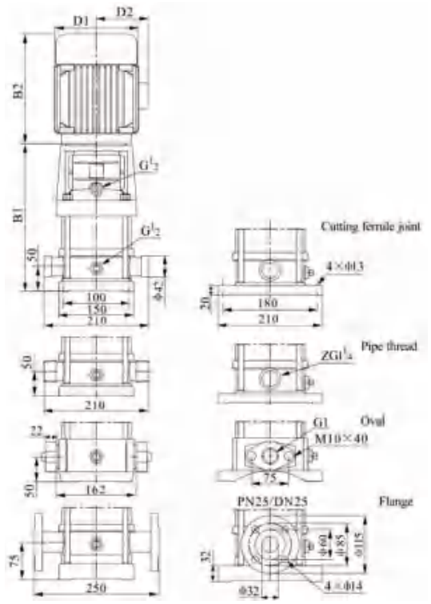
Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
CDL2-2	258	210	468	148	117	21
CDL2-3	286	245	531	170	142	24
CDL2-4	304	245	549	170	142	25
CDL2-5	322	246	567	170	142	26
CDL2-6	340	245	585	170	142	26
CDL2-7	368	290	658	190	155	32
CDL2-9	404	290	694	190	155	36
CDL2-11	440	290	730	190	155	37
CDL2-13	486	315	801	197	165	44
CDL2-15	522	315	837	197	165	45
CDL2-18	576	335	911	230	188	54

CDL2-13~2-18 sub-connection ofpipeline has no oval flange connection.
The overall dimensions of the single-phase motor and explosion-proof motor are a little diferent. Pls contact us for details

TECHNICAL DATA

Model	Driving Motor		Q m^3/h	1.5	2	2.5	3	3.5	4	4.5	5
	(kW)	(hp)									
CDL3-2	0.37	0.5		17.5	16	15	14	13	11	9	8
CDL3-3	0.55	0.75		26.5	25	24	23	20	18	15	12
CDL3-4	0.55	0.75		35	34	32	30	27	25	20	17
CDL3-5	0.75	1		44	42	40	38	33	31	26	23
CDL3-6	1.1	1.5		51	50	48	45	40	37	32	27
CDL3-7	1.1	1.5		61	59	56	52	46	43	38	31
CDL3-8	1.1	1.5		70	67	64	61	53	49	44	35
CDL3-9	1.5	2		78	77	72	68	60	56	50	40
CDL3-10	1.5	2		87	84	81	76	68	63	55	44
CDL3-11	1.5	2	H(m)	96	92	87	82	74	69	59	48
CDL3-12	2.2	3		104	100	96	90	79	73	63	52
CDL3-13	2.2	3		112	109	104	98	86	80	69	57
CDL3-15	2.2	3		129	126	120	112	99	93	81	65
CDL3-17	2.2	3		147	143	137	128	114	106	91	74
CDL3-19	3	4		165	160	153	142	126	118	102	82
CDL3-21	3	4		183	178	170	160	141	129	112	91
CDL3-23	3	4		200	194	185	174	154	142	122	98
CDL3-25	4	5.5		217	211	202	187	167	154	134	108

Installation sketch



Size and weight

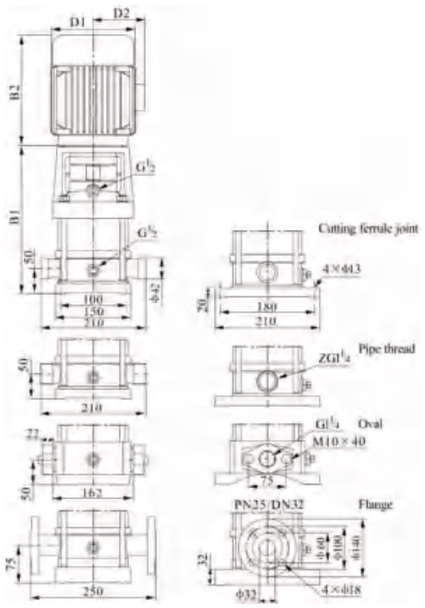
Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
CDL3-2	258	210	468	148	117	20
CDL3-3	276	210	486	148	117	21
CDL3-4	294	210	504	148	117	22
CDL3-5	322	245	567	170	142	25
CDL3-6	340	245	585	170	142	26
CDL3-7	358	245	603	170	142	27
CDL3-8	376	245	621	170	142	27
CDL3-9	404	290	694	190	155	33
CDL3-10	422	290	712	190	155	34
CDL3-11	440	290	730	190	155	34
CDL3-12	458	290	748	190	155	37
CDL3-13	476	290	766	190	155	38
CDL3-15	512	290	802	190	155	39
CDL3-17	548	290	838	190	155	40
CDL3-19	594	315	909	197	165	48
CDL3-21	630	315	945	197	165	49
CDL3-23	666	315	981	197	165	50
CDL3-25	702	335	1037	230	188	58

CDL3-17~3-25 sub-connection ofpipeline has no oval flange connection.
The overall dimensions of the single-phase motor and explosion-proof motor are a little diferent. Pls contact us for details

TECHNICAL DATA

Model	Driving Motor (kW)	Driving Motor (hp)	Q m³/h	2.5	3	4	5	6	7	8
CDL4-2	0.75	1		26	25	23	21	19	16	14
CDL4-3	1.1	1.5		39	38	36	32	28	24	21
CDL4-4	1.5	2		52	50	48	44	38	35	31
CDL4-5	2.2	3		65	62	60	55	49	44	39
CDL4-6	2.2	3		78	75	72	67	59	54	47
CDL4-7	3	4	H(m)	92	88	84	78	69	62	55
CDL4-8	3	4		104	100	95	90	79	72	63
CDL4-10	4	5.5		130	125	120	113	102	90	80
CDL4-12	4	5.5		156	150	145	136	122	109	96
CDL4-14	5.5	7.5		182	176	170	159	145	129	112
CDL4-16	5.5	7.5		207	201	196	183	165	146	128

Installation sketch



Size and weight

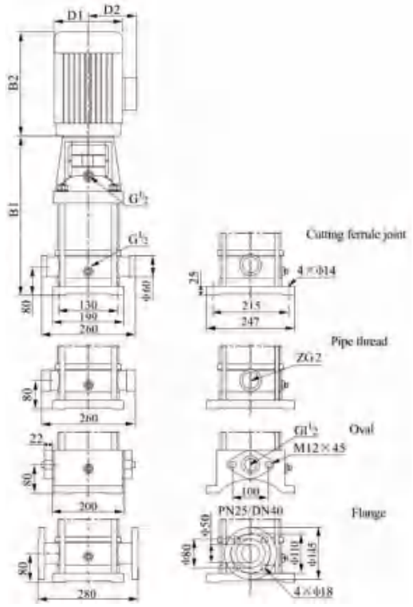
Model	Size(mm) B1	B2	B1+B2	D1	D2	Weight (kg)
CDL4-2	286	245	531	170	142	24
CDL4-3	313	245	558	170	142	25
CDL4-4	350	290	640	190	155	31
CDL4-5	376	290	667	190	155	34
CDL4-6	404	290	694	190	155	35
CDL4-7	441	315	756	197	165	42
CDL4-8	468	315	783	197	165	42
CDL4-10	522	335	857	230	188	51
CDL4-12	576	335	911	230	188	52
CDL4-14	650	430	1080	260	208	64
CDL4-16	704	430	1134	260	208	66

CDL4-12~4-16 sub-connection ofpipeline has no oval flange connection.
The overall dimensions of the single-phase motor and explosion-proof motor are a little diferent. Pls contact us for details

TECHNICAL DATA

Model	Driving Motor (kW)	Driving Motor (hp)	Q m³/h	7	8	9	10	11	12	13	14
CDL8-2/1	0.75	1		13	12	11.5	11	10.5	10	9.5	9
CDL8-2	1.5	2		27	26	25	24	23	22	20	18
CDL8-3	2.2	3		41	40	38	37	35	33	30	28
CDL8-4	3	4		55	54	52	50	47	45	41	38
CDL8-5	3	4		70	68	65	63	59	56	52	47
CDL8-6	4	5.5	H(m)	85	82	78	76	72	68	62	57
CDL8-8	5.5	7.5		115	110	105	101	97	91	84	75
CDL8-10	7.5	10		145	140	132	126	122	115	105	95
CDL8-12	7.5	10		173	167	160	152	147	132	125	115
CDL8-14	11	15		202	195	188	179	174	163	147	135

Installation sketch



Size and weight

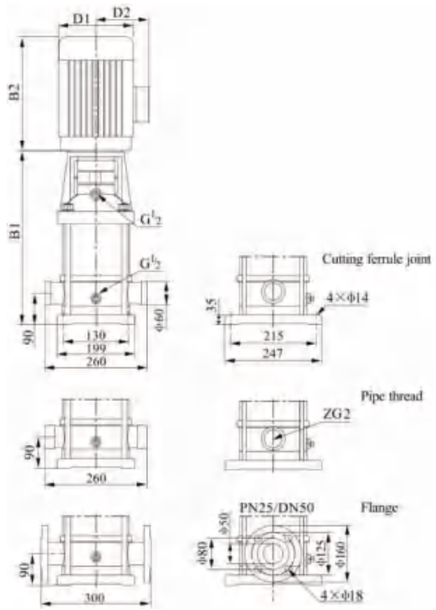
Model	Size(mm) B1	B2	B1+B2	D1	D2	Weight (kg)
CDL8-2/1	347	245	592	170	142	32
CDL8-2	357	290	647	190	155	38
CDL8-3	387	290	677	190	155	41
CDL8-4	427	315	742	197	165	49
CDL8-5	457	315	772	197	165	50
CDL8-6	487	335	822	230	188	58
CDL8-8	567	430	997	260	208	71
CDL8-10	627	430	1057	260	208	80
CDL8-12	687	430	1117	260	208	82
CDL8-14	835	490	1325	330	255	153

CDL8-10~8-14 sub-connection ofpipeline has no oval flange connection.
The overall dimensions of the single-phase motor and explosion-proof motor are a little diferent. Pls contact us for details

TECHNICAL DATA

Model	Driving Motor		Q m³/h	7	9	11	12	13	15	17	19
	(kW)	(hp)									
CDL12-1	1.1	1.5		17	16	15	14.5	14	12.5	11	8.5
CDL12-2	2.2	3		35	34	32.5	32	30.5	27	24.5	20.5
CDL12-3	4	5.5		52.5	51.5	50	48	46	41.5	37.5	31
CDL12-4	5.5	7.5		70	68	65.5	64	61.5	55	49.5	41
CDL12-5	5.5	7.5		88	86	82	80	77	70	62	51
CDL12-6	7.5	10	H(m)	107	103	99	96	92	84	75	61
CDL12-7	7.5	10		124	121	116	112	107	94	88	71
CDL12-8	11	15		141	137	132	128	122	111	101	82
CDL12-10	11	15		178	173	166	161	153	140	128	104
CDL12-12	15	20		213	208	199	193	185	169	154	125
CDL12-14	15	20		249	242	233	225	216	198	180	145

Installation sketch



Size and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
CDL12-1	357	245	604	170	142	32
CDL12-2	367	290	657	190	155	41
CDL12-3	407	335	742	230	188	56
CDL12-4	457	430	887	260	208	69
CDL12-5	487	430	917	260	208	71
CDL12-6	517	430	947	260	208	77
CDL12-7	547	430	977	260	208	78
CDL12-8	665	490	1155	330	255	147
CDL12-10	725	490	1215	330	255	151
CDL12-12	785	490	1275	330	255	164
CDL12-14	845	490	1335	330	255	167

CDL2-13~2-18 sub-connection ofpipeline has no oval flange connection.
The overall dimensions of the single-phase motor and explosion-proof motor are a little diferent. Pls contact us for details

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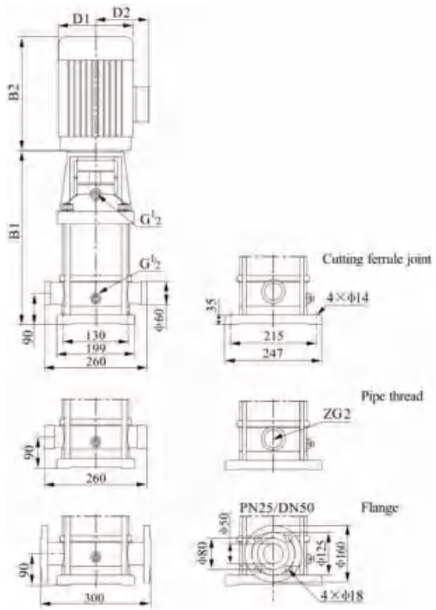
TECHNICAL DATA

Model	Driving Motor		Q m³/h	10	12	14	16	18	20	22	24	26
	(kW)	(hp)										
CDL16-2/1	2.2	3		19	18.5	18	17	16	15	14	13	11
CDL16-2	4	5.5		38	37	36	35	34	32	30	27	24
CDL16-3	5.5	7.5		57	56	55	54	51	48	45	40	36
CDL16-4	7.5	10		76	75	73	72	68	64	60	54	49
CDL16-5	11	15	H(m)	96	94	92	90	85	80	75	68	62
CDL16-6	11	15		115	113	111	108	102	96	91	82	75
CDL16-7	15	20		135	132	129	126	119	113	106	96	88
CDL16-8	15	20		155	152	148	144	137	130	122	111	101
CDL16-10	18.5	25		197	192	187	181	174	165	153	139	127

Installation sketch



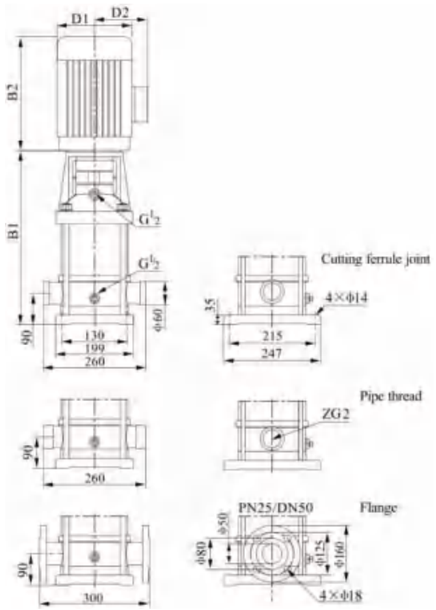
Size and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
CDL16-2/1	397	290	687	190	155	42
CDL16-2	407	335	742	230	188	56
CDL16-3	472	430	902	260	208	68
CDL16-4	517	430	947	260	208	75
CDL16-5	650	490	1140	330	255	148
CDL16-6	695	490	1185	330	255	150
CDL16-7	740	490	1230	330	255	161
CDL16-8	785	490	1275	330	255	163
CDL16-10	875	550	1425	330	255	186

The overall dimensions ofthe single-phase motor and explosion-proof motor are a little different, Pls contact us for details.

TECHNICAL DATA

Model	Driving Motor		Q m³/h	12	16	20	24	28	32	34
	(kW)	(hp)								
CDL20-1	2.2	3		19	18	17	15	13	10	8.5
CDL20-2	4	5.5		38	37	35	32	29	24	21
CDL20-3	5.5	7.5		58	56	53	50	45	38	33
CDL20-4	7.5	10		78	75	72	67	60	51	45
CDL20-5	11	15	H(m)	98	94	90	85	75	64	57
CDL20-6	11	15		118	113	108	102	91	77	70
CDL20-7	15	20		138	133	127	119	107	91	83
CDL20-8	15	20		158	153	146	137	123	105	96
CDL20-10	18.5	25		198	193	185	172	155	133	122



Size and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
CDL20-1	397	290	687	190	155	41
CDL20-2	407	335	742	230	188	56
CDL20-3	472	430	902	260	208	69
CDL20-4	517	430	947	260	208	79
CDL20-5	650	490	1140	330	255	148
CDL20-6	695	490	1185	330	255	150
CDL20-7	740	490	1230	330	255	162
CDL20-8	785	490	1275	330	255	163
CDL20-10	875	550	1425	330	255	187

The overall dimensions ofthe single-phase motor and explosion-proof motor are a little different, Pls contact us for details.

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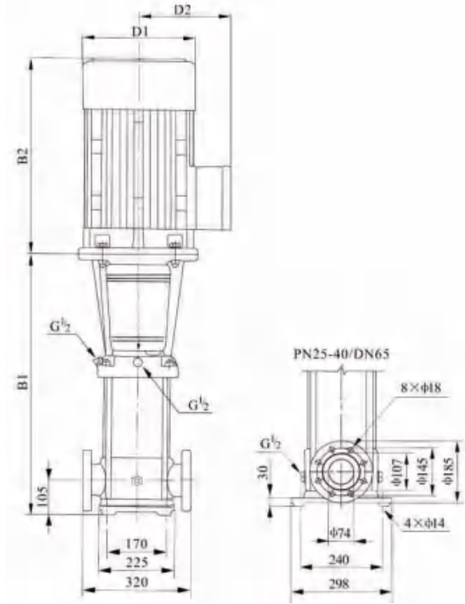
TECHNICAL DATA

Model	Driving Motor		Q m³/h	20	24	28	32	36	40	44	48
	(kW)	(hp)									
CDL32-10-1	3	4		20	19	18	17	15	13	10	7
CDL32-10	4	5.5		26	25	24	23	21	19	17	14
CDL32-20-2	5.5	7.5		41	40	38	35	31	27	22	17
CDL32-20	7.5	10	H(m)	52	50	48	45	41	37	33	27
CDL32-30-2	7.5	10		67	64	61	57	52	46	39	31
CDL32-30	11	15		78	75	71	67	62	56	50	40
CDL32-40-2	11	15		94	91	87	81	73	65	56	45

Installation sketch



Size and weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
CDL32-10-1	505	315	820	197	165	73
CDL32-10	505	335	840	230	188	81
CDL32-20-2	575	430	1005	260	208	95
CDL32-20	575	430	1005	260	208	101
CDL32-30-2	645	490	1135	330	255	104
CDL32-30	750	490	1240	330	255	172
CDL32-40-2	820	490	1310	330	255	176

The overall dimensions of explosion-proof motor is a little different. Pls contact us for details

SY-75

Permanent Magnet Variable Frequency High-Speed Deep Well Pump

Permanent Magnet
Energy Saving
30%
Frequency Conversion

Permanent magnet intelligence frequency conversion

-30% Long life, small size, Energy saving 30%

PUMP Completely replace traditional AC water pumps;

TECHNICAL DATA

Model	Power		Impeller	Voltage (V)	Rated.Flow (r/min)	Rated.Flow (m^3/h)	Head (m)	Outlet Diameter (mm)
	kW	HP						
SY-75GS2-64/4-0.75	0.75	1	4	220V	5000	4.5	64	40
SY-75GS2-96/6-1.1	1.1	1.5	6	220V	5000	4.5	96	40
SY-75GS2-128/8-1.5	1.5	2	8	220V	5000	4.5	128	40
SY-75GS2-160/10-2.2	2.2	3	10	220V	5000	4.5	160	40

Model	Power		Impeller	Voltage (V)	Rated.Flow (r/min)	Rated.Flow (m^3/h)	Head (m)	Outlet Diameter (mm)
	kW	HP						
SY-75GS3-48/3-0.75	0.75	1	3	220V	5000	7	48	50
SY-75GS3-80/5-1.1	1.1	1.5	5	220V	5000	7	80	50
SY-75GS3-112/7-1.5	1.5	2	7	220V	5000	7	112	50
SY-75GS3-144/9-2.2	2.2	3	9	220V	5000	7	144	50

SY-100

Permanent Magnet Variable Frequency High-Speed Deep Well Pump

Permanent Magnet
Energy Saving
30%
Frequency Conversion

Permanent magnet intelligence frequency conversion

-30% Long life, small size, Energy saving 30%

PUMP Completely replace traditional AC water pumps;

TECHNICAL DATA

Model	Power		Impeller	Voltage (V)	Rated.Flow (r/min)	Rated.Flow (m^3/h)	Head (m)	Outlet Diameter (mm)
	kW	HP						
SY-100GS2-70/4-0.75	0.75	1	4	220V	5000	5	70	40
SY-100GS2-105/6-1.1	1.1	1.5	6	220V	5000	5	105	40
SY-100GS2-140/8-1.5	1.5	2	8	220V	5000	5	140	40
SY-100GS2-175/10-2.2	2.2	3	10	220V	5000	5	175	40
SY-100GS2-210/12-3	3	4	12	220V	5000	5	210	40

Model	Power		Impeller	Voltage (V)	Rated.Flow (r/min)	Rated.Flow (m^3/h)	Head (m)	Outlet Diameter (mm)
	kW	HP						
SY-100GS3-53/3-0.75	0.75	1	3	220V	5000	8	53	50
SY-100GS3-88/5-1.1	1.1	1.5	5	220V	5000	8	88	50
SY-100GS3-123/7-1.5	1.5	2	7	220V	5000	8	123	50
SY-100GS3-158/9-2.2	2.2	3	9	220V	5000	8	158	50
SY-100GS3-193/11-3	3	4	11	220V	5000	8	193	50

Permanent Magnet Frequency Conversion Cleaning Machine

Permanent magnet intelligence frequency conversion

Long life, small size, Energy saving 30%

Completely replace traditional AC water pumps;

SY-PMA-750

SY-PMB-1100

Model	Motor Power	Voltage	Max Pressure	Max Flow	Free Speed
SY-PMA-750	750W	220V/50Hz	60bar	6L/min	3500r/min
SY-PMB-1100	1100W	220V/50Hz	70bar	8L/min	3500r/min

Permanent magnet intelligence frequency conversion

Long life, small size, Energy saving 30%

Completely replace traditional AC water pumps;

SY-PMC 2HP

SY-PMD 2.5HP

SY-PME 3HP-2
SY-PME 3.5HP-2
SY-PME 4HP-4

Model	Motor Power	Voltage	Max Pressure	Max Flow	Free Speed
SY-PMC 2HP	1500W	220V/50Hz	80bar	10L/min	3500r/min
SY-PMD 2.5HP	1800W	220V/50Hz	80bar	10L/min	3500r/min
SY-PME 3HP-2	2200W	220V/50Hz	100bar	10L/min	3000r/min
SY-PME 3.5HP-2	2500W	220V/50Hz	130bar	11L/min	3000r/min
SY-PME 4HP-2	3000W	220V/50Hz	150bar	11L/min	3000r/min

SHENYUAN
ISO9001

Permanent Magnet Frequency Conversion Cleaning Machine

Permanent magnet intelligence frequency conversion

Long life, small size, Energy saving 30%

Completely replace traditional AC water pumps;

SY-PMF 2HP SY-PMF 2.5HP

SY-PMF 3HP-2 SY-PMF 3.5HP-2 SY-PMF 4HP-2

Model	Motor Power	Voltage	Max Pressure	Max Flow	Free Speed
SY-PMF 2HP	1500W	220V/50Hz	80bar	10L/min	3500r/min
SY-PMF 2.5HP	1800W	220V/50Hz	80bar	10L/min	3500r/min
SY-PMF 3HP-2	2200W	220V/50Hz	100bar	10L/min	3000r/min
SY-PMF 3.5HP-2	2500W	220V/50Hz	130bar	11L/min	3000r/min
SY-PMF 4HP-2	3000W	220V/50Hz	150bar	11L/min	3000r/min

Portable Electric Pressure Washer

NEW style

SYT-11

SYT-12

SYT-13

SYT-14

SYT-A/P21

SYT-A/P22

SYT-A/P23

SYT-A/P24

Model	Motor Power	Voltage	Max Pressure	Max Flow	Size(cm)	Weight (G.W)
SYT-11	1800W	220V/50Hz	80bar	7L/min	40*28*33	17KG
	2000W	220V/50Hz	90bar	8L/min	40*28*33	17KG
SYT-12	1800W	220V/50Hz	80bar	7L/min	42*30*36	17KG
	2000W	220V/50Hz	90bar	8L/min	42*30*36	17KG
SYT-13	1800W	220V/50Hz	80bar	7L/min	52*38.5*36	16KG
	2000W	220V/50HZ	90bar	8L/min	52*38.5*36	16KG
SYT-14	1800W	220V/50Hz	80bar	7L/min	40*28*33	17KG
	2000W	220V/50Hz	90bar	8L/min	40*28*33	17KG
SYT-A/P21	1800W	220V/50Hz	80bar	7L/min	42*30*36	17KG
	2000W	220V/50Hz	90bar	8L/min	42*30*36	17KG
SYT-A/P22	1800W	220V/50Hz	80bar	7L/min	52*38.5*36	16KG
	2000W	220V/50HZ	90bar	8L/min	52*38.5*36	16KG
SYT-A/P23	1800W	220V/50Hz	80bar	7L/min	40*28*33	17KG
	2000W	220V/50Hz	90bar	8L/min	40*28*33	17KG
SYT-A/P24	1800W	220V/50Hz	80bar	7L/min	42*30*36	17KG
	2000W	220V/50Hz	90bar	8L/min	42*30*36	17KG

ISO9001
SHENYUAN

Portable Electric Pressure Washer

NEW style

SYT-15

SYT-16

SYT-17

SYT-A/P25

SYT-A/P26

SYT-A/P27

Model	Motor Power	Voltage	Max Pressure	Max Flow	Size(cm)	Weight (G.W)
SYT-15	1800W	220V/50Hz	80bar	7L/min	40*28*33	17KG
	2000W	220V/50Hz	90bar	8L/min	40*28*33	17KG
SYT-16	1800W	220V/50Hz	80bar	7L/min	42*30*36	17KG
	2000W	220V/50Hz	90bar	8L/min	42*30*36	17KG
SYT-17	1800W	220V/50Hz	80bar	7L/min	52*38.5*36	16KG
	2000W	220V/50HZ	90bar	8L/min	52*38.5*36	16KG
SYT-A/P25	1800W	220V/50Hz	80bar	7L/min	42*30*36	17KG
	2000W	220V/50Hz	90bar	8L/min	42*30*36	17KG
SYT-A/P26	1800W	220V/50Hz	80bar	7L/min	52*38.5*36	16KG
	2000W	220V/50HZ	90bar	8L/min	52*38.5*36	16KG
SYT-A/P27	1800W	220V/50Hz	80bar	7L/min	40*28*33	17KG
	2000W	220V/50Hz	90bar	8L/min	40*28*33	17KG

Electric Pressure Washer

SY-HP 2HP-2

SY-HP 3.5HP-2

SY-HP 10HP-4

Model	Motor Power	Voltage	Max Pressure	Max Flow	Free Speed	Size(cm)	Weight (G.W)
SY-HP 2HP-2	1500W	220V/50Hz	80bar	10L/min	2800r/min	58*44*39	35KG
SY-HP 2.5HP-2	1800W	220V/50Hz	80bar	10L/min	2800r/min	58*44*39	35KG
SY-HP 3HP-2	2200W	220V/50Hz	100bar	10L/min	2800r/min	58*44*39	36KG
SY-HP 3.5HP-2	2500W	220V/50Hz	130bar	11L/min	2800r/min	73*38*50	38KG
SY-HP 3HP-4	2200W	220V/50Hz	100bar	10L/min	1400r/min	58*44*39	36KG
SY-HP 4HP-4	3000W	220V/50Hz	150bar	11L/min	1400r/min	73*38*50	38KG
SY-HP 5HP-4	4000W	380V	200bar	15L/min	1400r/min	73*38*50	55KG
SY-HP 7.5HP-4	5500W	380V	250bar	18L/min	1400r/min	86*43*43	83KG
SY-HP 10HP-4	7500W	380V	300bar	18L/min	1400r/min	86*43*43	94KG

SYA-HP 2.5HP-2

SYA-HP 5HP-4

SYA-HP 10HP-4

Model	Motor Power	Voltage	Max Pressure	Max Flow	Free Speed	Size(cm)	Weight (G.W)
SYA-HP 2.5HP-2	1800W	220V/50Hz	80bar	10L/min	2800r/min	58*44*39	35KG
SYA-HP 3HP-2	2200W	220V/50Hz	100bar	10L/min	2800r/min	58*44*39	36KG
SYA-HP 3.5HP-2	2500W	220V/50Hz	130bar	11L/min	2800r/min	73*38*50	38KG
SYA-HP 3HP-4	2200W	220V/50Hz	100bar	10L/min	1400r/min	58*44*39	36KG
SYA-HP 4HP-4	3000W	220V/50Hz	150bar	11L/min	1400r/min	73*38*50	38KG
SYA-HP 5HP-4	4000W	380V	200bar	15L/min	1400r/min	73*38*50	55KG
SYA-HP 7.5HP-4	5500W	380V	250bar	18L/min	1400r/min	86*43*43	83KG
SYA-HP 10HP-4	7500W	380V	300bar	18L/min	1400r/min	86*43*43	94KG

Portable Electric Pressure Washer

SYC-1

SYC-2

SYC-4

SYC-9

Model	SYC-1/SYC-2/SYC-4/SYC-9
Motor Power	1500W
Voltage	220V/50Hz
Max Pressure	60bar
Max Flow	6L/min
Size(cm)	41*20*31
Weight (G.W)	10KG

SYT-1

SYT-2

SYT-3

Model	Motor Power	Voltage	Max Pressure	Max Flow	Size(cm)	Weight (G.W)
SYT-1	1800W	220V/50Hz	80bar	7L/min	40*28*33	17KG
	2000W	220V/50Hz	90bar	8L/min	40*28*33	17KG
SYT-2	1800W	220V/50Hz	80bar	7L/min	42*30*36	17KG
	2000W	220V/50Hz	90bar	8L/min	42*30*36	17KG
SYT-3	1800W	220V/50Hz	80bar	7L/min	52*38.5*36	16KG
	2000W	220V/50HZ	90bar	8L/min	52*38.5*36	16KG

Electric Pressure Washer

SYS-3

SYS-4

SYS-5

Model	Motor Power	Voltage	Max Pressure	Max Flow	Free Speed	Size(cm)	Weight (G.W)
SYS-3 SYS-4 SYS-5	3000W	380V	150bar	13L/min	1400r/min	73*38*50	40KG
	4000W	380V	200bar	15L/min	1400r/min	73*38*50	55KG
	5500W	380V	250bar	18L/min	1400r/min	86*43*43	83KG
	7500W	380V	300bar	18L/min	1400r/min	86*43*43	94KG

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Electric Pressure Washer

SY-55 SY-58

SY-380

Model	Motor Power	Voltage	Max Pressure	Max Flow	Free Speed	Size(cm)	Weight (G.W)
SY-380	1800W	220V/50HZ	80bar	14L/min	2800r/min	59*31*34	22KG
SY-55	3000W	220V/50HZ	90bar	25L/min	1400r/min	80*43*46	48KG
SY-58	3000W	380V	90bar	25L/min	1400r/min	80*43*46	48KG

Gasoline Pressure Washer

SYQ-170

SYQ-190

Model	Power	Max Pressure	Max Flow	Free Speed	Size(cm)	Weight (G.W)
SYQ-170	7.5HP	180bar	16L/min	3600r/min	65*47*60	54KG
SYQ-190	15HP	320bar	20L/min	3600r/min	115*75*90	107KG