LOONA GROUP

**TAIZHOU XUANYU ELECTROMECHANICAL CO., LTD.**

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**Note:**

There may be errors between data and actual please refer to our actual product.
Are subject to change without prior notice.

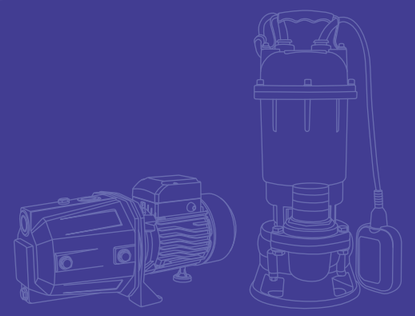
# Exceptional Quality Seamless Service

Taizhou Xuanyu
Electromechanical Co., Ltd.

LOONA GROUP

**Doing Better For You**

*Professional manufacturer of water pumps*



# Catalogue

Professional manufacturer
of water pumps

# Catalogue

Professional manufacturer
of water pumps




Application: Domestic use, Irrigation,Landscape fountain,Factory sewage.

## Quality Every Detail

With wisdom and meticulousness, casting diamond quality, Xuanyu has established a comprehensive quality testing system, focusing on every detail, to achieve complete guarantee of product quality, from procurement, production to warehousing, the whole process strictly implements the ISO9001 quality system, and implements quality management.

TAIZHOU XUANYU
ELECTROMECHANICAL CO., LTD.

NEW INTELLIGENCE
LOW NOISE
45dB

# AK

## PERMANENT MAGNET VARIABLE FREQUENCY HOUSEHOLD PUMP

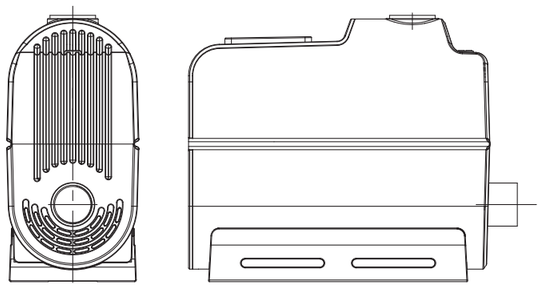
### Permanent Magnet Freouency Conversion

The required power is automatically adjusted with load changesto meet the constant pressure of mutiple faucets. Using high-efficiencyperma nent magnet motors and multi-stage self-priming centrifugal technology the water supply of the whole machine can save more than 30% of electricity compared with asynchronous motors of the same power.

### Super Silent

Unique fluid noise reduction technology,high-efficiency silentpermanent magnet motor technology The working noise of thepump is greatlyreduced to a minimum of 25-40 decibels, and lessthan 45 decibels at fu lpower, which reduces the noise by about60%,making it more quiet and comfortable to use.

### The size and the graph



SIZE PARAMETER
L:410 * W:165 * H:330MM

IP:IPX5
Insulation Grade:F

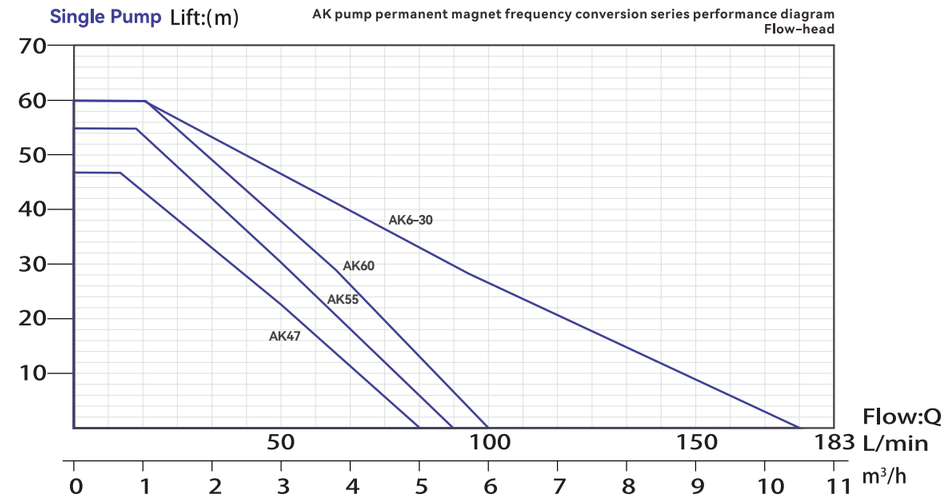


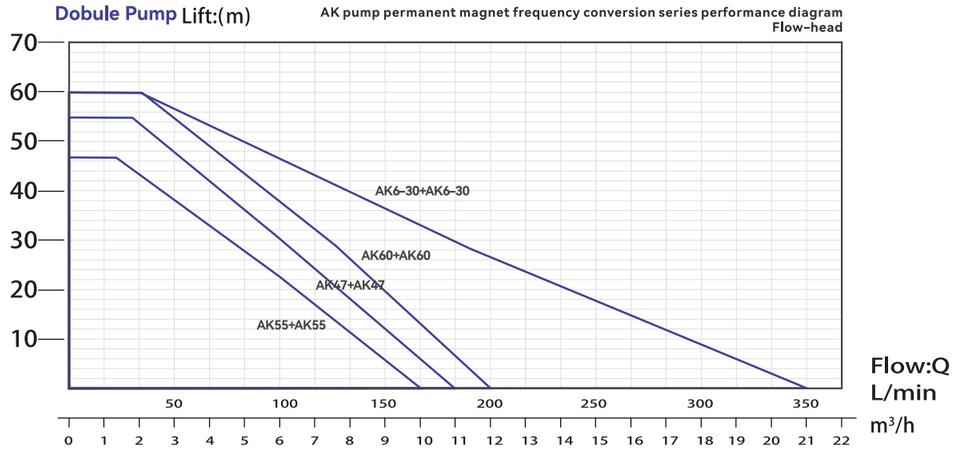


LONA GROUP

LEAKAGE REMINDER
CONSTANT PRESSURE WATER CONTROL
HIGH TEMPERATURE PROTECTION
ANTIFREEZE FUNCTION
WATER SHORTAGE PROTECTION
LOW NOISE AND QUIET

### Performance Graph



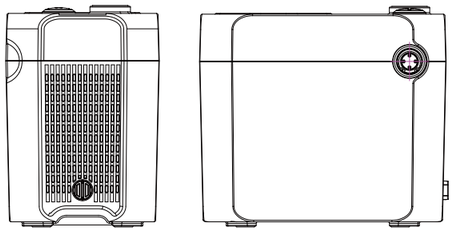

**Performance Parameters**

| Model | Voltage (v) | Power (kW) | MAX.Flow ($m^3/h$) | MAX.Head (m) | Rated Flow ($m^3/h$) | Rated Head (m) | Suction (m) |
|---|---|---|---|---|---|---|---|
| **AK47** | 160~260V 50/60Hz | 0.55 | 5.5 | 47 | 3.0 | 24 | 6 |
| **AK55** | | 0.75 | 5.6 | 55 | 3.0 | 28 | 6 |
| **AK60** | | 0.9 | 6.0 | 60 | 4.0 | 30 | 6 |
| **AK6-30** | | 1.1 | 12 | 55 | 6.0 | 28 | 6 |

# C

Quality Assurance 1 One Year Warranty

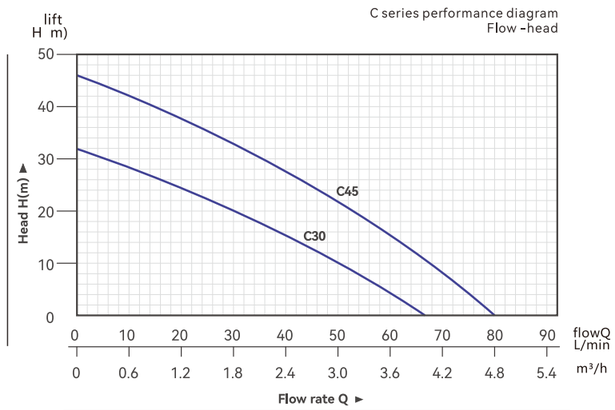
## PERMANENT MAGNET VARIABLE FREQUENCY HOUSEHOLD PUMP



## Application

C series permanent magnet variable frequency domestic pump is automatically adjusted with the change of load to meet the constant pressure of multiple taps. High efficiency permanent magnet motor and multi-stage self-priming centrifugal technology are adopted. The water supply of the whole machine is more than 30% less than that of asynchronous motor with the same power. Unique fluid noise reduction technology, efficient silent permanent magnet motor technology. The working noise of the pump is greatly reduced to a minimum of 25-40 dB, less than 45 dB at full power, about 60% of the noise is reduced, and the use is more quiet and comfortable

## Performance Graph




## Performance Parameters

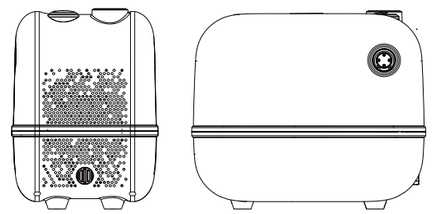
| Model | Voltage (v) | Power (kW) | MAX.Flow ($m^3/h$) | MAX.Head (m) | Rated Flow ($m^3/h$) | Rated Head (m) | Suction (m) |
|---|---|---|---|---|---|---|---|
| **C30** | 160~260V 50/60Hz | 0.3 | 4.0 | 30 | 1.5 | 20 | 6 |
| **C45** | | 0.5 | 4.8 | 45 | 2 | 27 | 8 |



# E

Quality Assurance 1 One Year Warranty

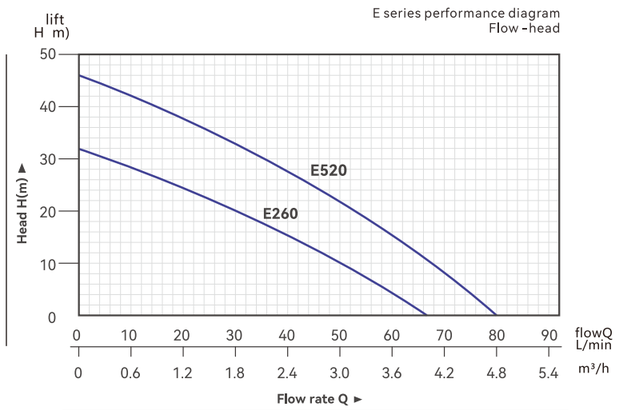
## PERMANENT MAGNET VARIABLE FREQUENCY HOUSEHOLD PUMP



## Application

E series permanent magnet variable frequency domestic pump is automatically adjusted with the change of load to meet the constant pressure of multiple taps. High efficiency permanent magnet motor and multi-stage self-priming centrifugal technology are adopted. The water supply of the whole machine is more than 30% less than that of asynchronous motor with the same power. Unique fluid noise reduction technology, efficient silent permanent magnet motor technology. The working noise of the pump is greatly reduced to a minimum of 25-40 dB, less than 45 dB at full power, about 60% of the noise is reduced, and the use is more quiet and comfortable

## Performance Graph




## Performance Parameters

| Model | Voltage (v) | Power (kW) | MAX.Flow ($m^3/h$) | MAX.Head (m) | Rated Flow ($m^3/h$) | Rated Head (m) | Suction (m) |
|---|---|---|---|---|---|---|---|
| **E260** | 160~260V 50/60Hz | 0.3 | 4.0 | 30 | 1.5 | 20 | 6 |
| **E520** | | 0.5 | 4.8 | 45 | 2 | 27 | 8 |

# PW AUTO PERIPHERAL PUMP

## Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.
As a result of their compactness, reliability and the fact that they are easy to use, they are suitable for use in domestic applications such as the distribution of water in combination with small pressure sets, for the irrigation of gardens and allotments, for drawing water from tanks and for all those other situations where air or water may be present in the water to be pumped. The pump comes complete with a flap-check valve.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

## Operating Conditons

Liquid temperature up to 60°C
Ambient temperature up to 40°C
Total suction lift up to 9m Continuous duty

## Component Construction

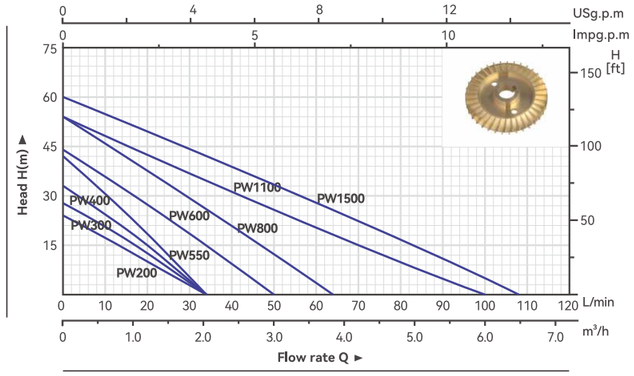
| | |
|---|---|
| Pump body: | Cast iron |
| Pump support: | Cast iron |
| Motor housing: | Aluminum |
| Impeller: | Brass |
| Motor shaft: | Carbon steel, AISI304 SS if request |
| Mechanical seal: | Ceramic/Graphite |

## Motor

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

## Performance Graph

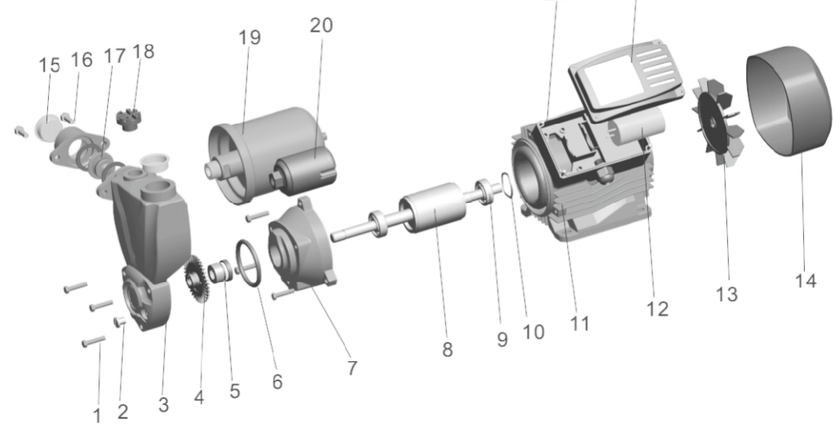
PERFORMANCE CHART




## Package Size

| MODEL | INLET/OUTLET (Inch) | N.W (Kg) | L×W×H (mm) |
|---|---|---|---|
| PW200 | 1 "×1 " | 7 | 285x205x275 |
| PW300 | 1 "×1 " | 7.2 | 285x205x275 |
| PW400 | 1 "×1 " | 7.5 | 285x205x275 |
| PW550 | 1 "×1 " | 10.9 | 300x240x295 |
| PW600 | 1 "×1 " | 11.3 | 300x240x295 |
| PW800 | 1 "×1 " | 11.7 | 300x240x295 |
| PW1100 | 1.5 "×1.5" | 19.2 | 355x255x350 |
| PW1500 | 1.5 "×1.5" | 24.8 | 522x310x655 |

## Explode Drawing




## Performance Parameters

| Model | Power (kw) | MAX.Flow ($m^3/h$) | MAX.Head (m) | Rated Flow ($m^3/h$) | Rated Head (m) | Suction (m) |
|---|---|---|---|---|---|---|
| PW200 | 0.2 | 2.0 | 22 | 1.0 | 7 | 8 |
| PW300 | 0.3 | 2.0 | 28 | 1.0 | 8 | 8 |
| PW400 | 0.4 | 2.0 | 32 | 1.0 | 12 | 8 |
| PW550 | 0.55 | 2.0 | 40 | 1.0 | 15 | 8 |
| PW600 | 0.6 | 3.0 | 43 | 1.5 | 18 | 8 |
| PW800 | 0.8 | 3.8 | 50 | 1.5 | 23 | 8 |
| PW1100 | 1.1 | 6.0 | 50 | 2.5 | 30 | 8 |
| PW1500 | 1.5 | 6.5 | 60 | 3.0 | 35 | 8 |

| NO. | DESCRIPTION | NO. | DESCRIPTION | NO. | DESCRIPTION |
|---|---|---|---|---|---|
| 1 | Bolt | 9 | Bearing | 17 | Check valve |
| 2 | Bolt | 10 | Snap ring | 18 | Filling nut |
| 3 | Pump casing | 11 | Motor body | 19 | Pressure tank |
| 4 | Impeller | 12 | Capacitor | 20 | Pressure switch |
| 5 | Mechanical seal | 13 | Fan | 21 | Terminal board |
| 6 | "O" ring | 14 | Fan cover | 22 | Terminal cover |
| 7 | Pump support | 15 | Dustproof cover | | |
| 8 | Rotor | 16 | Bolt | | |

# GP AUTO PERIPHERAL PUMP

Quality Assurance 1 One Year Warranty

## Application & Installation

They are recommended for pumping clean water without abrassive particles and liquid are chemically non-aggressive to the materials of which the pump is made. They are suitable for domestic use and in particular for delivering water in combination small automatic pressure sets,as well as for irrigation.
The pumps shall be installed in enclosed places, or at least protected against inclement.

## Component Construction

| | |
|---|---|
| Pump body: | Cast iron |
| Pump support: | Cast iron |
| Motor housing: | Aluminum |
| Impeller: | Brass |
| Motor shaft: | Carbon steel, AISI304 SS if request |
| Mechanical seal: | Ceramic/Graphite |

## Motor

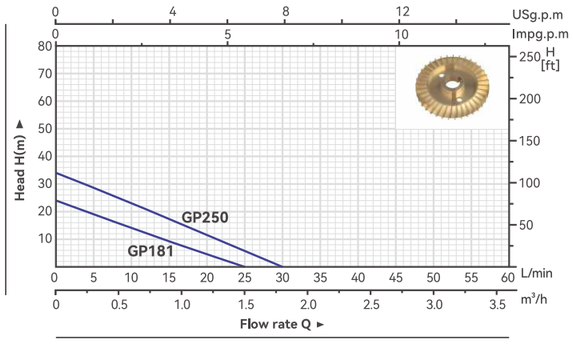
Two-pole induction motor(n=2850 r.p.m)
Insulation Class B
Protection IP44
Continuous service S1
Thermal protector
Single-phase 220V/50Hz, 60Hz if request

## Operating Conditons

Liquid temperature up to 60°C
Ambient temperature up to 40°C
Total suction lift up to 9m
Continuous duty

## Performance Graph

PERFORMANCE CHART




## Package Size

| MODEL | INLET/OUTLET (Inch) | N.W (Kg) | L×W×H (mm) |
|---|---|---|---|
| GP181 | 1 "×1 " | 6 | 273x195x292 |
| GP250 | 1 "×1 " | 6.5 | 275x197x292 |

## Performance Parameters

| Model | Power (kW) | Max.Flow (m³/h) | Max.Head (m) | Rated flow (m³/h) | Rated head (m) | Suction (m) |
|---|---|---|---|---|---|---|
| GP181 | 0.18 | 1.5 | 22 | 0.9 | 7.5 | 8 |
| GP250 | 0.25 | 1.8 | 33 | 1.2 | 10 | 8 |



# SHT SMART SELF-PRIMING PUMP

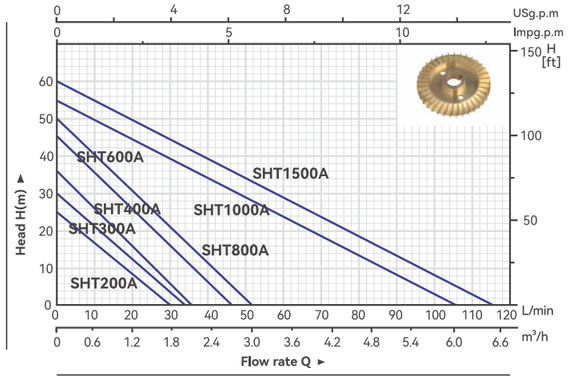
Quality Assurance 1 One Year Warranty

## Package Size

| MODEL | INLET/OUTLET (Inch) | N.W (Kg) | L×W×H (mm) |
|---|---|---|---|
| SHT200A | 1 "×1 " | 9.6 | 305×250×285 |
| SHT300A | 1 "×1 " | 9.6 | 305×250×285 |
| SHT400A | 1 "×1 " | 9.9 | 305×250×285 |
| SHT600A | 1 "×1 " | 13 | 330×275×315 |
| SHT800A | 1.5 "×1.5 " | 13.9 | 330×275×315 |
| SHT1100A | 1.5 "×1.5 " | 21.1 | 270×370×360 |
| SHT1500A | 1.5 "×1.5 " | 22.4 | 270×370×360 |

## Performance Graph

PERFORMANCE CHART




## Application & Installation

1. It is used for domestic water supply, equipment matching, pipeline pressurization, garden watering, vegetable greenhouse watering, aquaculture, industrial and mining, enterprise and high-rise building water supply and drainage, central air conditioning and central heating circulation system.
2. Transport clean water and other low-viscosity, non-corrosive liquids. Do not transport flammable, explosive and vaporized liquids and liquids that do not contain solid particles or fibers. The PH value is between 6.5-8.5.
3. The ambient temperature does not exceed +40°C.
4. Medium temperature 4~+60°C.
5. The volume ratio of solid impurities in the medium should not exceed 0.1%, and the particle size should not exceed 0.2mm.

## Performance Parameters

| Model | Power (kW) | Max.Flow (m³/h) | Max.Head (m) | Rated flow (m³/h) | Rated head (m) | Suction (m) |
|---|---|---|---|---|---|---|
| SHT200A | 0.2 | 1.8 | 25 | 1.2 | 12 | 8 |
| SHT300A | 0.3 | 2.0 | 30 | 1.2 | 15 | 8 |
| SHT400A | 0.4 | 2.1 | 36 | 1.2 | 17 | 8 |
| SHT600A | 0.6 | 2.7 | 45 | 2.0 | 22 | 8 |
| SHT800A | 0.8 | 3.0 | 50 | 2.0 | 28 | 8 |
| SHT1100A | 1.1 | 6.0 | 55 | 3.0 | 30 | 8 |
| SHT1500A | 1.5 | 6.5 | 60 | 3.3 | 35 | 8 |

# QB PERIPHERAL PUMP



## Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.
They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

## Operating Conditons

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

## Component Construction

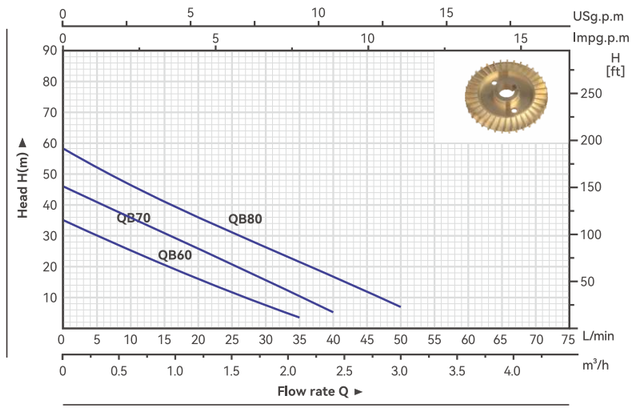
| | |
|---|---|
| Pump body: | Cast iron, with brass/AISI304 SS insert if request |
| Pump support: | Cast iron, with brass/AISI304 SS insert if request |
| Motor housing: | Aluminum |
| Impeller: | Brass |
| Motor shaft: | Carbon steel, AISI304 SS if request |
| Mechanical seal: | Ceramic/Graphite |

## Motor

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

## Performance Graph

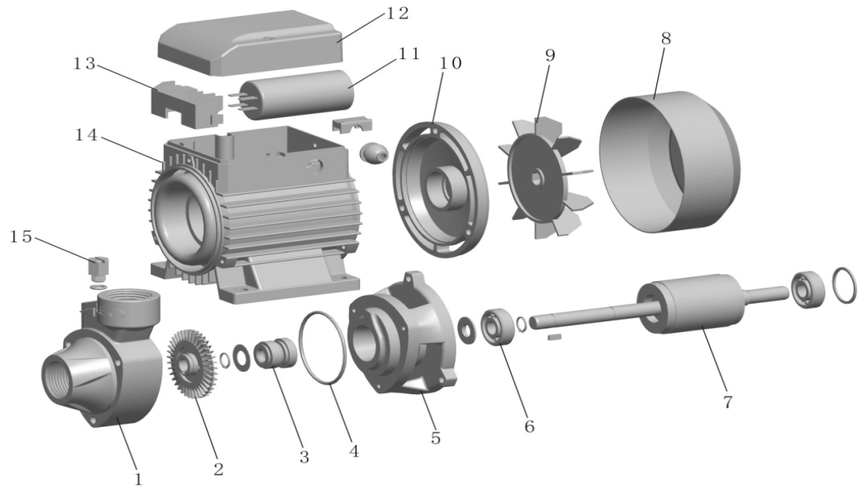
PERFORMANCE CHART




## Package Size

| MODEL | INLET/OUTLET (Inch) | N.W (Kg) | L×W×H (mm) |
|---|---|---|---|
| QB60 | 1 "×1 " | 5.5 | 280×140×170 |
| QB70 | 1 "×1 " | 8.5 | 335×190×210 |
| QB80 | 1 "×1 " | 9.0 | 340×190×210 |

## Explode Drawing




## Performance Parameters

| MODEL | INPUT POWER | | Q(m³/h) | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | Q(L/min) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| QB60 | 0.37 | 0.5 | | 33 | 29 | 25 | 21 | 17 | 13 | 9 | 5 | - | - | - |
| QB70 | 0.55 | 0.75 | H(m) | 45 | 40 | 35 | 30 | 25 | 20 | 15 | 10 | 5 | - | - |
| QB80 | 0.75 | 1.0 | | 58 | 53 | 48 | 43 | 38 | 33 | 28 | 23 | 18 | 13 | 8 |

| NO. | DESCRIPTION | NO. | DESCRIPTION | NO. | DESCRIPTION |
|---|---|---|---|---|---|
| 1 | Pump casing | 6 | Bearing | 11 | Capacitor |
| 2 | Impeller | 7 | Rotor | 12 | Terminal cover |
| 3 | Mechanical seal | 8 | Fan cover | 13 | Board |
| 4 | "O" ring | 9 | Fan | 14 | Motor body |
| 5 | Pump support | 10 | Motor cover | 15 | Filling nut |

# CPM CENTRIFUGAL PUMP

Quality Assurance 1 One Year Warranty

## Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
As a result of their reliability and the fact that they are easy to use, these pumps are widely used in domestic and civil applications such as the distribution of water in combination with small and medium sized pressure sets, for transferring liquids and for the irrigation of gardens and allotments. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

## Operating Conditons

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

## Component Construction

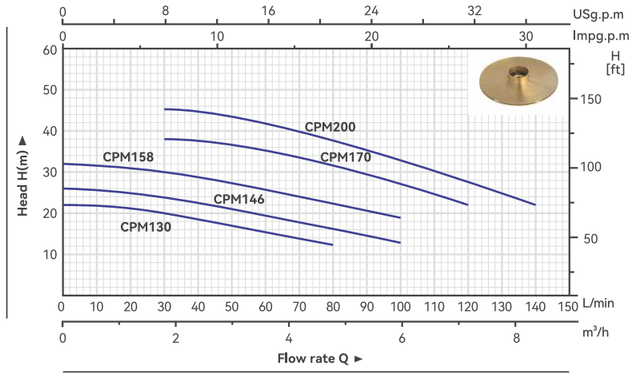
| | |
|---|---|
| Pump body: | Cast iron |
| Pump support: | Cast iron |
| Motor housing: | Aluminum |
| Impeller: | Brass |
| Motor shaft: | Carbon steel, AISI304 SS if request |
| Mechanical seal: | Ceramic/Graphite (0.5HP), SIC/Graphite |

## Motor

Two-pole induction motor(n=2850 r.p.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

## Performance Graph

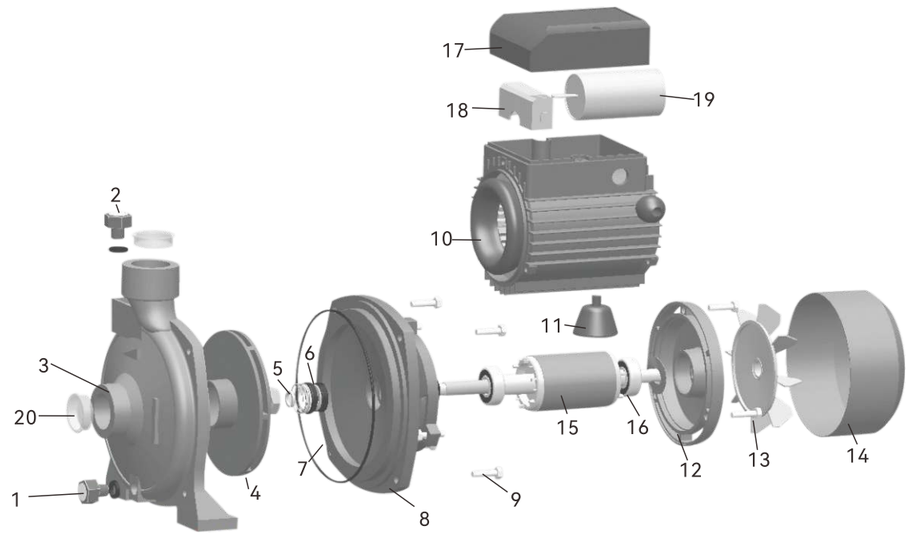
PERFORMANCE CHART




## Package Size

| MODEL | INLET/OUTLET (Inch) | N.W (Kg) | L×W×H (mm) |
|---|---|---|---|
| CPM130 | 1 "×1 " | 7.2 | 285×185×230 |
| CPM146 | 1 "×1 " | 10 | 340×210×265 |
| CPM158 | 1 "×1 " | 11.5 | 340×210×265 |
| CPM170 | 1¼"×1 " | 19 | 390×240×290 |
| CPM200 | 1¼"×1 " | 23 | 390×240×320 |

## Explode Drawing




## Performance Parameters

| MODEL | INPUT POWER kW | INPUT POWER HP | Q(m³/h) / Q(L/min) | 0 / 0 | 0.6 / 10 | 1.2 / 20 | 1.8 / 30 | 2.4 / 40 | 3.0 / 50 | 3.6 / 60 | 4.2 / 70 | 4.8 / 80 | 5.4 / 90 | 6.0 / 100 | 6.6 / 110 | 7.2 / 120 | 7.8 / 130 | 8.4 / 140 | 9.0 / 150 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CPM130 | 0.37 | 0.5 | H(m) | 22 | 21.5 | 21 | 20.5 | 19 | 17 | 15 | 13 | 12.6 | - | - | - | - | - | - | - |
| CPM146 | 0.55 | 0.75 | | 26 | 25.5 | 25 | 24.5 | 23 | 21 | 19 | 17 | 16.4 | 15 | 13 | - | - | - | - | - |
| CPM158 | 0.75 | 1 | | 32 | 31.5 | 31 | 30 | 28.5 | 27 | 25 | 23.5 | 22 | 20 | 19 | - | - | - | - | - |
| CPM170 | 1.1 | 1.5 | | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 33.5 | 32 | 30 | 28 | 25 | 22 | - | - | - |
| CPM200 | 1.5 | 2 | | 48 | 47.5 | 46.5 | 45.5 | 44.5 | 43.5 | 42.5 | 41.5 | 40.5 | 39 | 37 | 34.5 | 31 | 27 | 22 | - |

| NO. | DESCRIPTION | NO. | DESCRIPTION | NO. | DESCRIPTION | NO. | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| 1 | Discharge plug | 6 | Mechanical seal | 11 | Stand | 16 | Bearing |
| 2 | Charge plug | 7 | "O" ring | 12 | Motor cover | 17 | Terminal cover |
| 3 | Pump casing | 8 | Pump support | 13 | Fan | 18 | Terminal board |
| 4 | Impeller | 9 | Bolt | 14 | Fan cover | 19 | Capacitor |
| 5 | Snap ring | 10 | Motor body | 15 | Rotor | 20 | Dustproof cover |

# DK CENTRIFUGAL PUMP

Quality Assurance 1 One Year Warranty

## Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
As a result of their reliability and the fact that they are easy to use, these pumps are widely used in domestic and civil applications such as the distribution of water in combination with small and medium sized pressure sets, for transferring liquids and for the irrigation of gardens and allotments.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

## Operating Conditons

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

## Component Construction

| | |
|---|---|
| Pump body: | Cast iron |
| Pump support: | Cast iron |
| Motor housing: | Aluminum |
| Impeller: | Brass |
| Motor shaft: | Carbon steel, AISI304 SS if request |
| Mechanical seal: | Ceramic/Graphite (0.5HP), SIC/Graphite |

## Motor

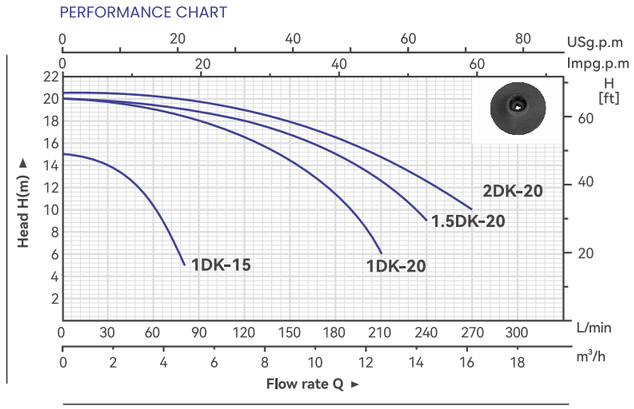
Two-pole induction motor(n=2850 r.p.m)
Insulation Class B
Protection IP44
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

## Performance Parameters

| MODEL | POWER | | Q($m^3$/h) | 0 | 1.2 | 2.4 | 4.8 | 7.2 | 9.0 | 10.8 | 12.6 | 14.4 | 16.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | Q(L/min) | 0 | 20 | 40 | 60 | 120 | 150 | 180 | 210 | 240 | 270 |
| 1DK-15 | 0.37 | 0.5 | H(m) | 15 | 14 | 10 | 5 | - | - | - | - | – | – |
| 1DK-20 | 0.55 | 0.75 | | 20 | 19 | 18 | 17 | 16.5 | 14.4 | 11.3 | 6 | – | – |
| 1.5DK-20 | 0.75 | 1.0 | | 20 | 19.2 | 18.3 | 17.5 | 16.8 | 15 | 11.5 | 12.6 | 9 | – |
| 2DK-20 | 1.5 | 2.2 | | 21 | 20.5 | 20 | 19.5 | 19 | 18 | 16.8 | 15.2 | 13.4 | 10 |



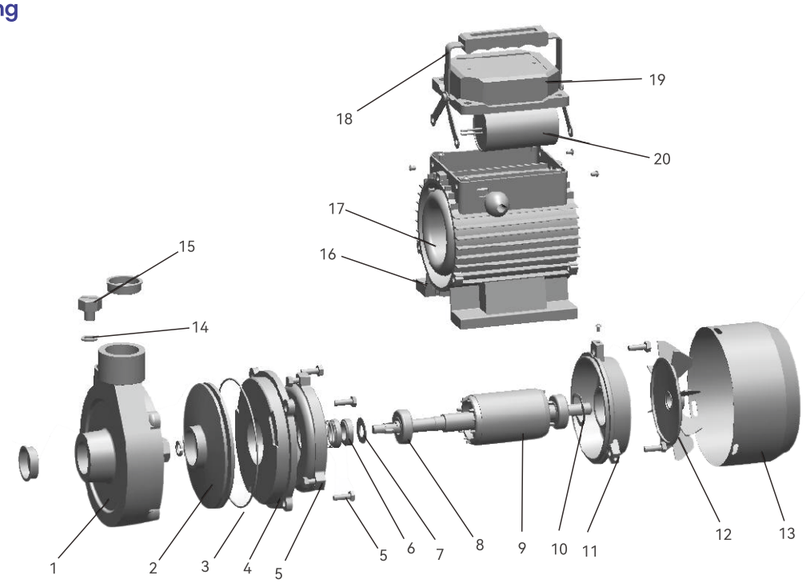
## Performance Graph




## Package Size

| MODEL | INLET/OUTLET (Inch) | N.W (Kg) | L×W×H (mm) |
|---|---|---|---|
| 1DK-15 | 1 "×1 " | 7.3 | 405×153×208 |
| 1DK-20 | 1 "×1 " | 10.5 | 330×220×215 |
| 1.5DK-20 | 1½"×1½" | 11 | 340×220×220 |
| 2DK-20 | 2 "×2 " | 19.6 | 420×230×290 |

## Explode Drawing




| NO. | DESCRIPTION | NO. | DESCRIPTION | NO. | DESCRIPTION |
|---|---|---|---|---|---|
| 1 | Pump casing | 8 | Bearing | 15 | Filling nut |
| 2 | Impeller | 9 | Rotor | 16 | Motor body |
| 3 | "O" ring | 10 | Adjust ring | 17 | Stator |
| 4 | Pump support | 11 | Motor cover | 18 | Handle |
| 5 | Bolt | 12 | Fan | 19 | Terminal cover |
| 6 | Mechanical seal | 13 | Fan cover | 20 | Capacitor |
| 7 | Plain washer | 14 | "O" ring | | |

# HF CENTRIFUGAL PUMP

## Application

Suitable for use in civil and agricultural applications.
The high efficiency and continuous duty capabilities makes these pumps ideal for use in activities such as flood and spray irrigation, gardening, agriculture, drawing water from lakes, rivers and wells, or for any number of different industrial applications where the characteristics of high flow rates and mid to low head are required.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

## Operating Conditons

Max.Working pressure 3.5 bar
Liquid temperature up to 60°C
Ambient temperature up to 40°C
Total suction lift up to 8m
Continuous duty

## Material

| | |
|---|---|
| Pump body: | Cast iron |
| Pump support: | Cast iron |
| Motor housing: | Aluminum |
| Impeller: | Brass |
| Motor shaft: | Carbon steel, AISI304 SS if request |
| Mechanical seal: | SIC/Graphite |

## Motor

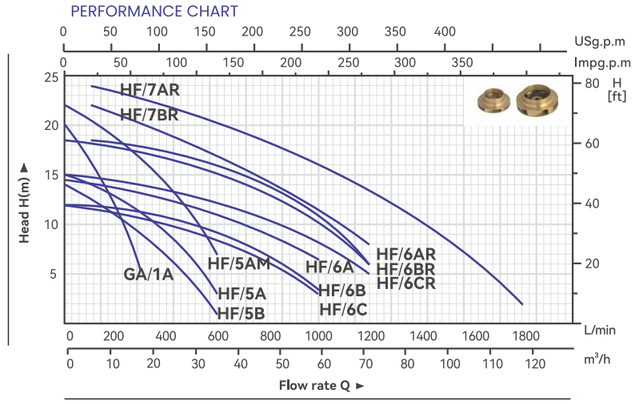
Two-pole induction motor(n=2850 r.p.m)
Insulation Class B
Protection IP44
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

## Performance Parameters

| MODEL | INPUT POWER | | Q($m^3$/h) | 0 | 3 | 6 | 9 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 60 | 72 | 84 | 96 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | Q(L/min) | 0 | 50 | 100 | 150 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 1000 | 1200 | 1400 | 1600 |
| GA1A | 0.75 | 1. 0 | H(m) | 20 | 18 | 16 | 14 | 12 | - | - | - | - | - | - | - | - | - | - |
| HF5B | 0.75 | 1. 0 | | 14 | 13.5 | 13 | 12 | 11.5 | 10.5 | 8 | 5 | - | - | - | - | - | - | - |
| HF5A | 1.1 | 1. 5 | | 15 | 14 | 13.5 | 13 | 12 | 11 | 9.2 | 6.5 | 3 | - | - | - | - | - | - |
| HF5AM | 1.5 | 2. 0 | | 22 | 21 | 20 | 18 | 16.5 | 15 | 14 | 10 | 7 | - | - | - | - | - | - |
| HF6C | 1.1 | 1. 5 | | - | 12 | 11.7 | 11.5 | 11 | 10.7 | 10.5 | 10.2 | 9 | 8 | 6.5 | 3 | - | - | - |
| HF6B | 1.5 | 2. 0 | | - | 15 | 14.7 | 14.5 | 14.2 | 14 | 13.5 | 13 | 12 | 11 | 9.7 | 6.5 | 5 | - | - |
| HF6A | 2.2 | 3. 0 | | - | 18.5 | 18.2 | 18 | 17.5 | 17 | 16.5 | 16 | 15.3 | 15 | 13.5 | 10.5 | 6 | - | - |
| HF6CR | 1.1 | 1. 5 | | - | - | 12 | 11.5 | 11 | 10.5 | 10 | 9.5 | 9 | 8 | 6.5 | 3 | - | - | - |
| HF6BR | 1.5 | 2. 0 | | - | - | 14.5 | 14 | 13.5 | 13 | 12.5 | 12 | 11.5 | 11 | 10 | 6.5 | - | - | - |
| HF6AR | 2.2 | 3. 0 | | - | - | 8.5 | 18.3 | 18 | 17.3 | 17 | 16.5 | 16 | 15 | 13 | 10 | 6 | - | - |
| HF7BR | 3.0 | 4. 0 | | - | - | 22 | 21 | 20 | 18.5 | 18 | 17.5 | 17 | 16 | 15 | 12 | 8 | - | - |
| HF7AR | 4.0 | 5. 0 | | - | - | 24 | 23 | 22 | 21.5 | 21 | 20 | 19 | 18 | 17 | 15 | 13 | 9 | 3 |



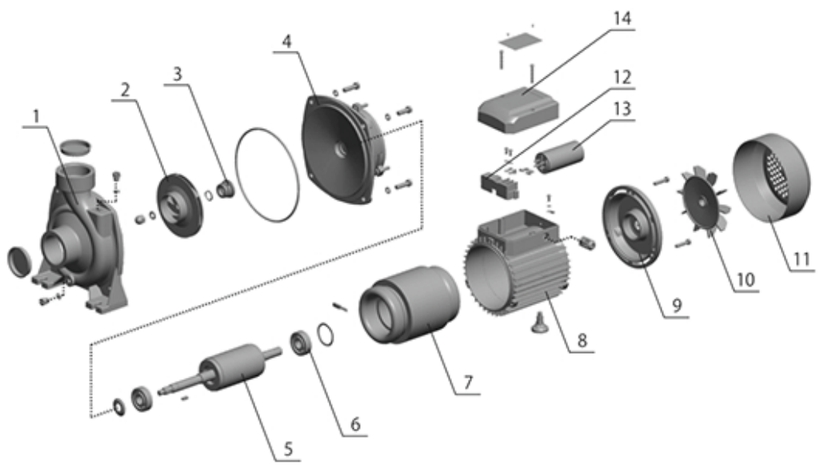
## Performance Graph




## Package Size

| MODEL | INLET/OUTLET | N.W | L×W×H |
|---|---|---|---|
| | (Inch) | (Kg) | (mm) |
| GA/1A | 1 1/2"×1 1/2" | 13.5 | 205×270×322 |
| HF/5B | 2 "×2 " | 15 | 220×285×362 |
| HF/5A | 2 "×2 " | 23 | 220×285×362 |
| HF/5AM | 2 "×2 " | 24.5 | 252×296×417 |
| HF/6C | 3 "×2 " | 26.5 | 279×355×445 |
| HF/6B | 3 "×3 " | 28 | 279×355×445 |
| HF/6A | 3 "×3 " | 35 | 279×355×518 |
| HF/6CR | 4 "×4 " | 28.7 | 279×355×445 |
| HF/6BR | 4 "×4 " | 30.2 | 279×355×445 |
| HF/6AR | 4 "×4 " | 37.5 | 279×355×518 |
| HF/7BR | 4 "×4 " | 40 | 279×355×519 |
| HF/7AR | 4 "×4 " | 42 | 340×440×600 |

## Explode Drawing




| NO. | DESCRIPTION | NO. | DESCRIPTION |
|---|---|---|---|
| 1 | Pump body | 8 | Motor case |
| 2 | Impeller | 9 | End cover |
| 3 | Mechanical seal | 10 | Fan |
| 4 | Support | 11 | Fan cover |
| 5 | Shaft and rotor | 12 | Terminal block |
| 6 | Bearing | 13 | Capacitor |
| 7 | Stator and winding | 14 | Terminal box cover |

# 2CPM CENTRIFUGAL PUMP

## Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The high efficiency and adaptability of these pumps to even the most unusual of applications, makes the ideal for use in the domestic, civil and industrial sectors, in particular for the distribution of water in combination with pressure sets, for pressure boosting and in fire-fightng sets.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

## Operating Conditons

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

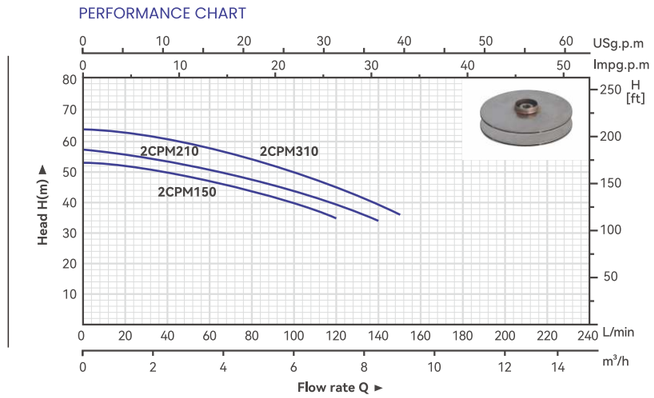
## Material

| | |
|---|---|
| Pump body: | Cast iron |
| Pump support: | Cast iron |
| Motor housing: | Aluminum |
| Impeller: | Brass |
| Motor shaft: | Carbon steel, AISI304 SS if request |
| Mechanical seal: | SIC/Graphite |

## Motor

Two-pole induction motor(n=2850 r.p.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

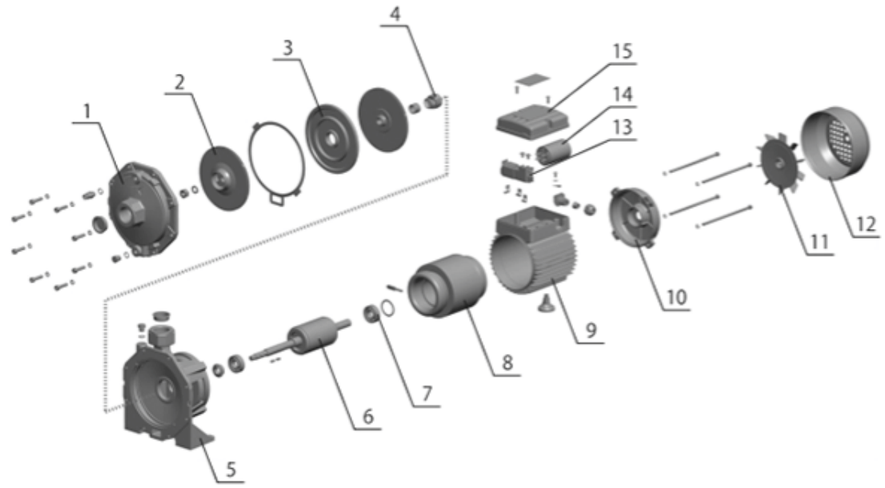
## Performance Graph




## Package Size

| MODEL | INLET/OUTLET | N.W | L×W×H |
|---|---|---|---|
| | (Inch) | (Kg) | (mm) |
| 2CPM150 | 1¼"×1 " | 23.6 | 410×260×300 |
| 2CPM210 | 1¼"×1 " | 24.6 | 410×260×300 |
| 2CPM310 | 1¼"×1 " | 26 | 420×260×300 |

## Explode Drawing




## Performance Parameters

| MODEL | INPUT POWER | | Q(m³/h) | 0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.6 | 4.8 | 6.0 | 7.2 | 8.4 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | Q(L/min) | 0 | 10 | 20 | 30 | 40 | 60 | 80 | 100 | 120 | 140 | 150 |
| 2CPM150 | 1.1 | 1.5 | H(m) | 53 | 52.5 | 52 | 51 | 50 | 46.9 | 43.3 | 39.7 | 35 | - | - |
| 2CPM210 | 1.5 | 2 | | 57.3 | 56.9 | 56 | 55.1 | 54 | 51.5 | 48.4 | 44.4 | 39.5 | 34 | - |
| 2CPM310 | 2.2 | 3 | | 64 | 63.5 | 63 | 61.9 | 60.6 | 57.7 | 54.1 | 50 | 45.4 | 39.4 | 36 |

| NO. | DESCRIPTION | NO. | DESCRIPTION | NO. | DESCRIPTION |
|---|---|---|---|---|---|
| 1 | Pump body | 6 | Shaft and rotor | 11 | Fan |
| 2 | Impeller | 7 | Bearing | 12 | Fan cover |
| 3 | Baffle plate | 8 | Stator and winding | 13 | Terminal block |
| 4 | Mechanical seal | 9 | Motor case | 14 | Capacitor |
| 5 | Support | 10 | End cover | 15 | Terminal box cover |

# RS CENTRIFUGAL PUMP

## Application

Suitable for use with clean water even where air is presentand 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 whereair 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.

## Operating Conditons

Liquid temperature up to 60°C
Ambient temperature up to 40°C
Total suction lift up to 9m
Continuous duty

## Material

Pump body: Cast iron+stainless steel
Motor support: Cast iron
Motor housing: Aluminum
Impeller: PPO, AISI 304 if request
Shaft: 45#Steel, AISI 416 stainless steel if request
Mechanical seal: Carbon/Ceramic

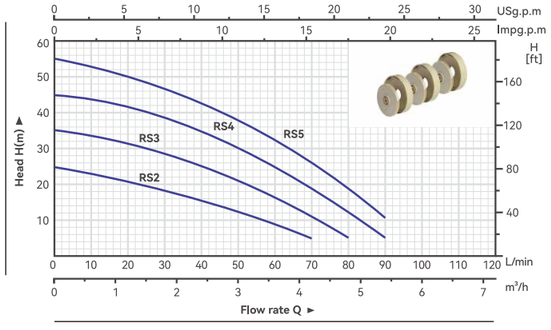
Single phase 220V-230V/50Hz
Single phase 110V-127V/60Hz if request
Single/three phase 220V/60Hz if request

## Motor

Two-pole induction motor
Insulation Class B, Class F if request
Protection IP44, IP54 if request

## Performance Graph

PERFORMANCE CHART




## Package Size

| MODEL | INLET/OUTLET (Inch) | N.W (Kg) | L×W×H (mm) |
|---|---|---|---|
| RS2 | 1 "×1 " | 11.4 | 385×215×230 |
| RS3 | 1 "×1 " | 12.4 | 405×215×230 |
| RS4 | 1 "×1 " | 13.4 | 430×215×230 |
| RS5 | 1 "×1 " | 14.7 | 455×215×230 |

## Performance Parameters

| MODEL | INPUT POWER kW | INPUT POWER HP | Q(m³/h) / Q(L/min) | 0 / 0 | 0.6 / 10 | 1.2 / 20 | 2.1 / 30 | 2.4 / 40 | 3.0 / 50 | 3.6 / 60 | 4.2 / 70 | 4.8 / 80 | 5.4 / 90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RS2 | 0.5 | 0.6 | H(m) | 25 | 23 | 21 | 18 | 15 | 12 | 8 | 5 | - | - |
| RS3 | 0.6 | 0.8 | | 35 | 33.5 | 31 | 28.5 | 25.5 | 21.5 | 16.5 | 11 | 5 | - |
| RS4 | 0.75 | 1 | | 45 | 43.5 | 41 | 38.5 | 35 | 30.5 | 25.5 | 19.5 | 12.5 | 5 |
| RS5 | 0.9 | 1.25 | | 55 | 52.5 | 49.5 | 46.5 | 42.5 | 38 | 32 | 25 | 18 | 10.5 |



# TK CENTRIFUGAL PUMP

## Application & Installation

They are recommended for pumping clean water without abrassive particles and liquid are chemically non-aggressive to the materials of which the pump is made.
They are suitable for domestic use and in particular for delivering water in combination small automatic pressure sets, as well as for irrigation
The pumps shall be installed in enclosed places, or at least protected against inclement.

## Operating Conditons

Suction lift up to 8m
Liquid temperature up to +40°C
Ambient temperature up to +40°C

## Material

Pump body: Aluminum.
Impeller: Aluminum and POM
Motor Shaft: Stainless steel
Mechnical Seal: Ceramic-graphite.
Insulation: Call F
Protection: IP44

## Range Of Performance

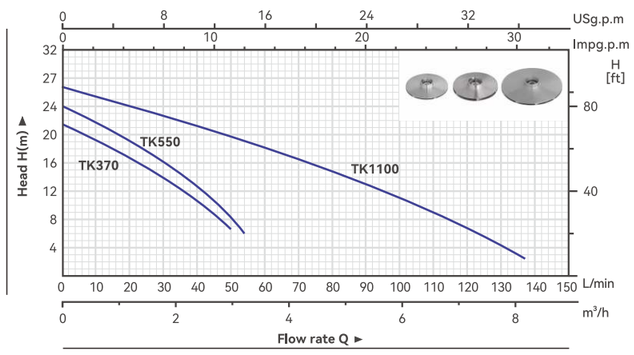
Flow rate up to 137 L/min(8m³/h)
Head up to 26m

## Package Size

| MODEL | INLET/OUTLET (Inch) | N.W (Kg) | L×W×H (mm) |
|---|---|---|---|
| TK370 | $\frac{3}{4}$"×$\frac{3}{4}$" | 5.7 | 240×240×300 |
| TK550 | $\frac{3}{4}$"×$\frac{3}{4}$" | 7.5 | 245×245×325 |
| TK1100 | $1\frac{1}{4}$"×$1\frac{1}{4}$" | 10 | 245×245×385 |

## Performance Graph

PERFORMANCE CHART

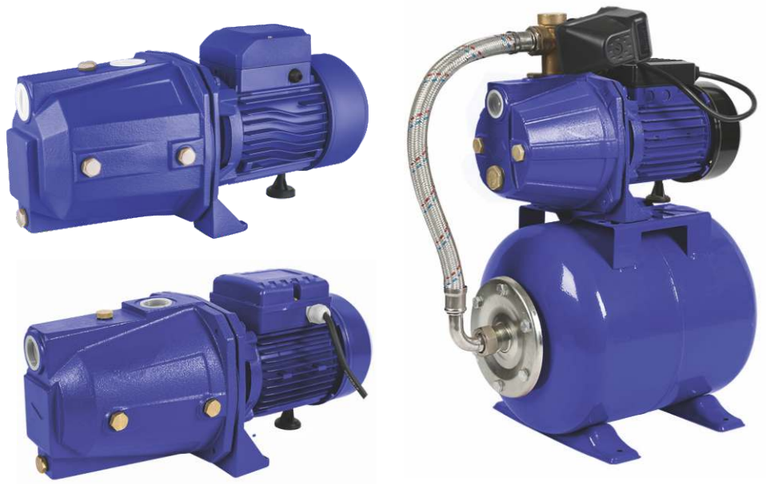



## Performance Parameters

| MODEL | INPUT POWER kW | INPUT POWER HP | Q(m³/h) / Q(L/min) | 0 / 0 | 1 / 17 | 1.5 / 25 | 2 / 33 | 2.5 / 42 | 3 / 50 | 4 / 67 | 6 / 100 | 7.5 / 125 | 8.2 / 137 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TK370 | 0.37 | 0.5 | H(m) | 22 | 20 | 18 | 15 | 11 | 6 | - | - | - | - |
| TK550 | 0.55 | 0.75 | | 24 | 22 | 20 | 17 | 13 | 8 | - | - | - | - |
| TK1100 | 1.1 | 1.5 | | 26 | 25 | 23.5 | 22 | 20 | 18 | 15 | 11.5 | 7 | 3 |

# JET SELF-PRIMING JET PUMP

Quality Assurance 1 One Year Warranty



## Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The self-priming jet pumps are designed to pump water even in cases where air is present. As a result of their reliability and the fact that they are easy to use, they are recommended for use in domestic applications such as the distribution of water in combination with small or medium sized pressure sets, and for the irrigation of gardens and allotments, etc.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

## Operating Conditons

Liquid temperature up to 60°C
Ambient temperature up to 40°C
Total suction lift up to 9m

## Material

| | |
|---|---|
| Pump body: | Cast iron |
| Pump support: | Cast iron |
| Motor housing: | Aluminum |
| Impeller: | Brass |
| Diffuser: | Noryl |
| Motor shaft: | Carbon steel, AISI304 SS if request |
| Mechanical seal: | Ceramic/Graphite (0.5HP), SIC/Graphite |

## Motor

Two-pole induction motor(n=2850 r.p.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

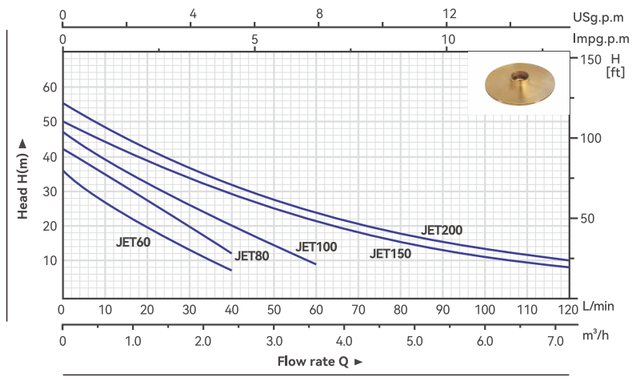
## Performance Parameters

| MODEL | INPUT POWER | | Q(m³/h) | 0 | 0.6 | 1.2 | 2.4 | 3.6 | 4.8 | 6.0 | 7.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | Q(L/min) | 0 | 10 | 20 | 40 | 60 | 80 | 100 | 120 |
| JET60 | 0.37 | 0.5 | | 36 | 26 | 20 | 7 | - | - | - | - |
| JET80 | 0.55 | 0.75 | | 42 | 35 | 26 | 12 | - | - | - | - |
| JET100 | 0.75 | 1.0 | H(m) | 47 | 38 | 32 | 24 | 9 | - | - | - |
| JET150 | 1.1 | 1.5 | | 50 | 45 | 40 | 32 | 21 | 15 | 10 | 8 |
| JET200 | 1.5 | 2 | | 55 | 50 | 45 | 35 | 24 | 20 | 13 | 10 |



## Performance Graph

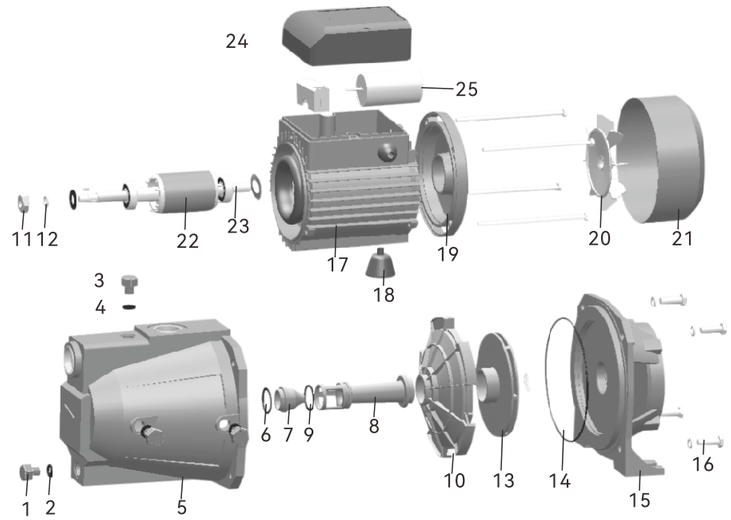
PERFORMANCE CHART




## Package Size

| MODEL | INLET/OUTLET | N.W | L×W×H |
|---|---|---|---|
| | (Inch) | (Kg) | (mm) |
| JET60 | 1 "×1 " | 12.5 | 460×190×220 |
| JET80 | 1 "×1 " | 13.2 | 460×190×220 |
| JET100 | 1 "×1 " | 13.7 | 460×190×220 |
| JET150 | 1 "×1 " | 17.4 | 530×230×245 |
| JET200 | 1¼ "×1 " | 25 | 550×215×245 |

## Explode Drawing



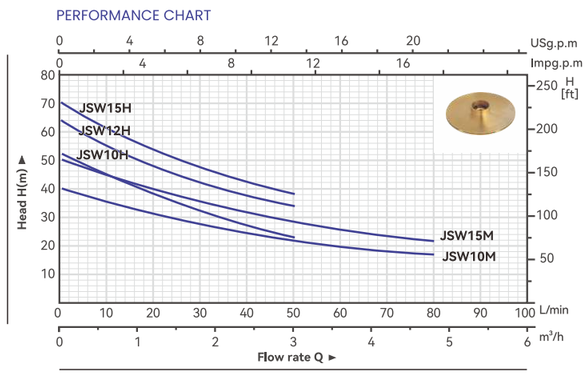

| NO. | DESCRIPTION | NO. | DESCRIPTION | NO. | DESCRIPTION | NO. | DESCRIPTION | NO. | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Discharge plug | 6 | "O" ring | 11 | Nut | 16 | Bolt | 21 | Fan cover |
| 2 | "O" ring | 7 | Nozzle | 12 | Spring gasket | 17 | Motor body | 22 | Rotor |
| 3 | Charge plug | 8 | Venturi pipe | 13 | Impeller | 18 | Stand | 23 | Bearing |
| 4 | "O" ring | 9 | "O" ring | 14 | "O" ring | 19 | Motor cover | 24 | Terminal cover |
| 5 | Pump casing | 10 | Diffuser | 15 | Pump support | 20 | Fan | 25 | Capacitor |

# JSW SELF-PRIMING JET PUMP

## Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The self-priming jet pumps are designed to pump water even in cases where air is present. As a result of their reliability and the fact that they are easy to use, they are recommended for use in domestic applications such as the distribution of water in combination with small or medium sized pressure sets, and for the irrigation of gardens and allotments, etc.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

## Performance Graph




## Operating Conditons

Liquid temperature up to 60ºC
Ambient temperature up to 40ºC
Total suction lift up to 9m

## Material

| | |
|---|---|
| Pump body: | Cast iron |
| Pump support: | Cast iron |
| Motor housing: | Aluminum |
| Impeller: | Brass |
| Diffuser: | Noryl |
| Motor shaft: | Carbon steel, AISI304 SS if request |
| Mechanical seal: | SIC/Graphite |

## Motor

Two-pole induction motor(n=2850 r.p.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

## Package Size

| MODEL | INLET/OUTLET | N.W | L×W×H |
|---|---|---|---|
| | (Inch) | (Kg) | (mm) |
| JSWm10H | 1 "×1 " | 12.5 | 190×208×423 |
| JSWm12H | 1 "×1 " | 13.2 | 196×208×423 |
| JSWm15H | 1 "×1 " | 25 | 208×235×505 |
| JSWm10M | 1 "×1 " | 12.5 | 190×208×423 |
| JSWm15M | 1¼"×1 " | 25 | 208×235×505 |

## Performance Parameters

| MODEL | INPUT POWER | | Q(m³/h) | 0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~220V/240V | kW | HP | Q(L/min) | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
| JSWm10H | 0.75 | 1 | H(m) | 52 | 44 | 37 | 31.5 | 27 | 23 | - | - | _ |
| JSWm12H | 0.9 | 1.25 | | 64 | 55.5 | 48.5 | 42.5 | 37.5 | 34 | - | - | _ |
| JSWm15H | 1.1 | 1.5 | | 70 | 62 | 54.5 | 48 | 42.5 | 38 | - | - | _ |
| JSWm10M | 0.75 | 1 | | 40 | 35 | 31 | 27.4 | 24.2 | 21.6 | 19.5 | 18 | 17 |
| JSWm15M | 1.1 | 1.5 | | 50 | 45 | 40.3 | 36 | 32 | 28.5 | 25 | 22.6 | 21 |

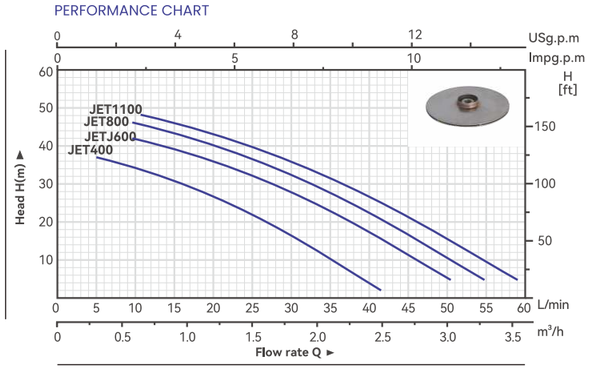


# JET100SS SELF-PRIMING JET PUMP

## Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
The self-priming jet pumps are designed to pump water even in cases where air is present. As a result of their reliability and the fact that they are easy to use, they are recommended for use in domestic applications such as the distribution of water in combination with small or medium sized pressure sets, and for the irrigation of gardens and allotments, etc.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

## Performance Graph




## Operating Conditons

Liquid temperature up to 60ºC
Ambient temperature up to 40ºC
Total suction lift up to 9m

## Material

| | |
|---|---|
| Pump body: | AISI304 SS |
| Pump support: | Aluminum |
| Motor housing: | Aluminum |
| Impeller: | Brass, AISI304 SS if request |
| Diffuser: | Noryl |
| Motor shaft: | AISI304 SS |
| Mechanical seal: | SIC/Graphite |

## Motor

Two-pole induction motor(n=2850 r.p.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

## Package Size

| MODEL | INLET/OUTLET | N.W | L×W×H |
|---|---|---|---|
| | (Inch) | (Kg) | (mm) |
| JET60SS | 1 "×1 " | 6 | 350×195×215 |
| JET80SS | 1 "×1 " | 6.4 | 350×195×215 |
| JET100SS | 1 "×1 " | 9 | 410×210×240 |
| JET150SS | 1 "×1 " | 9.7 | 410×210×240 |

## Performance Parameters

| MODEL | INPUT POWER | | | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.8 | 2.1 | 3 | 3.6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | Q(L/min) | 0 | 5 | 10 | 15 | 20 | 30 | 35 | 50 | 60 |
| JET60SS | 0.4 | 0.5 | H(m) | 28.0 | 24.0 | 20.0 | 17.0 | 14.0 | 12.0 | 10.0 | 9.0 | - |
| JET80SS | 0.6 | 0.8 | | 38.0 | 34.0 | 29.0 | 25.0 | 21.0 | 18.0 | 15.0 | 13.0 | - |
| JET100SS | 0.8 | 1.1 | | 42.0 | 37.0 | 32.0 | 27.0 | 23.5 | 20.0 | 17.0 | 15.0 | - |
| JET150SS | 1.1 | 1.5 | | 45.0 | 41.0 | 37.0 | 33.0 | 29.0 | 26.0 | 23.0 | 21.0 | 20 |

# KPS CIRCULATION PUMP

Quality Assurance 1 One Year Warranty

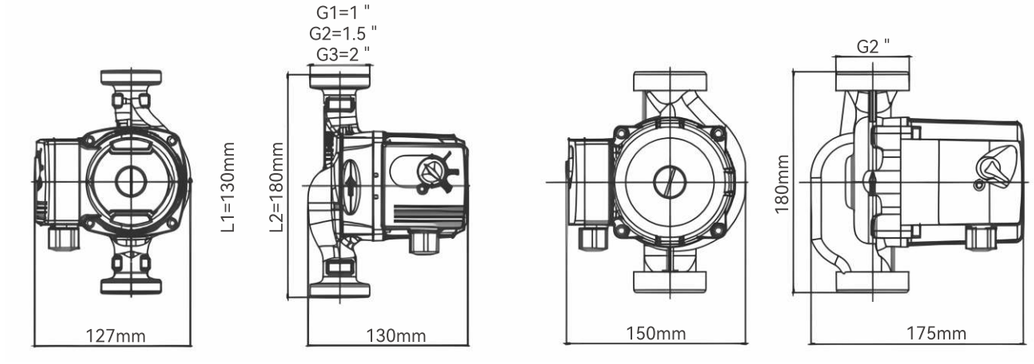
## Application & Installation

It applicable to equip the home boiler, gas-fired boiler, household central air-condition ,electric water heater, solar water heater , underground heat as hot water circulation and pressurization system.
Also suitable for the urban apartment, such diferent fields as the liquid circulation ,boiler solar energy suplied water in pressurization and hot water circulation ,cooling system and house water supplying.

## Operating Conditons

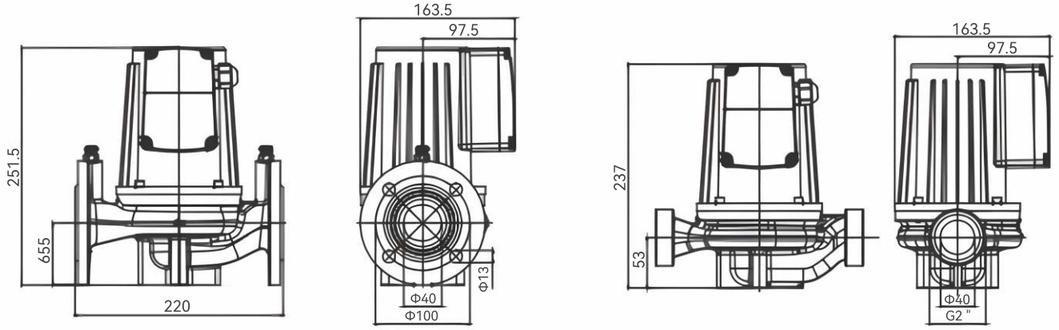
Fluid temperature rang: -10°C-+110°C
Maximum ambient temperature: 40°C
Manual 3-spoed control.

## Line drawing






## Line drawing




## Performance Parameters

| Model | Power (kW) | Max.Flow ($m^3/h$) | Max.Head (m) | Caliber | Gross Weight (kg) | Size (mm) | PCS/CTN |
|---|---|---|---|---|---|---|---|
| **KPS15-6** | 0.12 | 2.2 | 4 | 2/3" | 2.0 | 150×127×139 | 8 |
| **KPS25-6** | | 2.2 | 4 | 1" | 2.0 | 150×127×139 | 8 |
| **KPS32-6** | | 2.2 | 4 | 1.2" | 2.1 | 150×127×139 | 8 |
| **KPS40-6** | | 2.2 | 4 | 1.5" | 2.1 | 150×127×139 | 8 |
| **KPS50-6** | | 2.2 | 4 | 2" | 2.1 | 150×127×139 | 8 |
| **KPS25-9** | 0.28 | 3 | 8 | 1" | 3.5 | 185×155×177 | 4 |
| **KPS32-9** | | 3 | 8 | 1.2" | 3.6 | 185×155×177 | 4 |
| **KPS40-9** | | 3 | 8 | 1.5" | 3.6 | 185×155×177 | 4 |
| **KPS50-9** | | 3 | 8 | 2" | 3.7 | 185×155×177 | 4 |
| **KPS25-10** | 0.32 | 4.5 | 8.5 | 1" | 4.3 | 200×150×200 | 4 |
| **KPS32-10** | | 4.5 | 8.5 | 1.2" | 4.3 | 200×150×200 | 4 |
| **KPS40-10** | | 4.5 | 8.5 | 1.5" | 4.3 | 200×150×200 | 4 |
| **KPS50-10** | | 4.5 | 8.5 | 2" | 4.4 | 200×150×200 | 4 |
| **KPSF-370** | 0.37 | 5.5 | 9 | 1.5" | 7.0 | 233×208×305 | 1 |
| **KPS-370** | 0.37 | 5.5 | 9 | 2" | 8.7 | 233×208×305 | 1 |
| **KPSF-550** | 0.55 | 7 | 11 | 1.5" | 7.8 | 233×208×305 | 1 |
| **KPS-550** | 0.55 | 7 | 11 | 2" | 11.6 | 233×208×305 | 1 |
| **KPSF-750** | 0.75 | 11 | 15 | 1.5" | 12.3 | 266×240×345 | 1 |
| **KPS-750** | 0.75 | 11 | 15 | 2" | 16.0 | 266×240×345 | 1 |
| **KPSF-1100** | 1.1 | 11 | 17 | 2" | 13.1 | 288×240×367 | 1 |
| **KPS-1100** | 1.1 | 11 | 17 | 2" | 19.6 | 266×240×345 | 1 |
| **KPSF-1500** | 1.5 | 20 | 14 | 2" | 23.0 | 288×240×367 | 1 |
| **KPSF-2200** | 2.2 | 23 | 17 | 2.5" | 16.0 | 330×250×355 | 1 |

# QDX SUBMERSIBLE PUMP

Quality Assurance 1 One Year Warranty




## Application & Installation

Suitable for garden watering. oxygenating of cluster box or in supplying and draining water for ordinary places and characterized by corrosion resistance, small volume, light weight and convenient operation.
It is fitted with multiple water-outlet pipes and self-regulated according to the requirements of its lift and flow, and can deadlock.

## Operating Conditons

Max. medium temperature: +40°C
Max. ambient temperature: +40°C
Medium free from granules or anything that may damage the pump
Voltage fluctuation range:0.9-1.1 times of the rated value

## Material

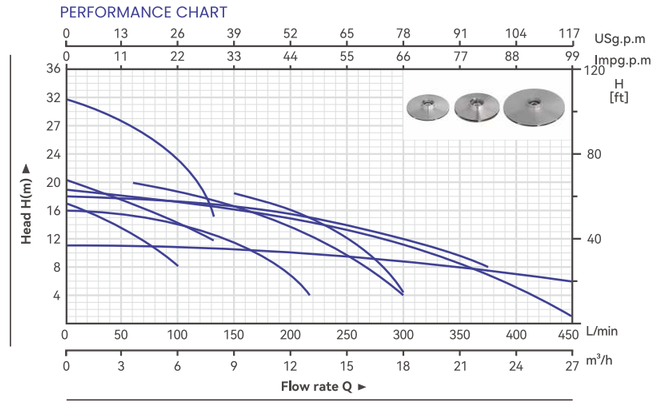
Pump body: Cast iron
Impeller: Aluminum
Mechanical seal: Ceramic steatite/metalized carbon
Shaft: 45#Steel, AISI 416 stainless steel if request
Thermal protector
Cable: 7 Meters
Euro-plug

## Motor

Closed, externally Ventilated
Insulation Class B
Protection IP68
Continuous duty
Single phase 220V-240V/50Hz; Three phase 380V/50Hz
Single phase 110V/220V/60Hz; Three phase 220V/440V/60Hz



## Performance Graph




## Package Size

| MODEL | DISCHARGE | N.W | L×W×H |
|---|---|---|---|
| | Inch | (Kg) | (mm) |
| QDX1.5-17-037F | 1" | 9.5 | 420×225×190 |
| QDX1.5-33-0.75F | 1" | 14.5 | 460×300×240 |
| QDX3-20-0.55F | 1" | 12.5 | 460×300×240 |
| QDX3-30-1.1F | 1" | 17.3 | 500×300×240 |
| QDX6-20-0.75F | 1.5" | 14.5 | 460×300×240 |
| QDX6-26-1.1F | 1.5" | 17.3 | 500×300×240 |
| QDX10-12-0.55F | 1.5" | 13.2 | 460×300×240 |
| QDX10-18-0.75F | 2" | 14.5 | 460×300×240 |
| QDX15-7-0.55F | 2" | 13.2 | 460×300×240 |

| MODEL | DISCHARGE | N.W | L×W×H |
|---|---|---|---|
| | Inch | (Kg) | (mm) |
| QDX15-10-0.75 | 2" | 14.5 | 460×300×240 |
| QDX15-15-1.1 | 2" | 16.7 | 500×300×240 |
| QDX15-18-1.5 | 2" | 18 | 500×300×240 |
| QDX25-10-1.1 | 2.5" | 19 | 545×315×270 |
| QDX25-12-1.5 | 2.5" | 21.6 | 545×315×270 |
| QDX30-6-0.75 | 3" | 15.7 | 460×300×240 |
| QDX40-6-1.1 | 3" | 19 | 545×315×270 |
| QDX40-9-1.5 | 3" | 21.6 | 545×315×270 |

## Performance Parameters

| MODEL | INPUT POWER | | Q.rat ($m^2$/h) | H.rat (m) |
|---|---|---|---|---|
| | kW | HP | | |
| QDX1.5-17-037F | 0.37 | 0.5 | 1.5 | 17 |
| QDX1.5-33-0.75F | 0.75 | 1.0 | 1.5 | 33 |
| QDX3-20-0.55F | 0.55 | 0.75 | 3 | 20 |
| QDX3-30-1.1F | 1.1 | 1.5 | 3 | 30 |
| QDX6-20-0.75F | 0.75 | 1.0 | 6 | 20 |
| QDX6-26-1.1F | 1.1 | 1.5 | 6 | 26 |
| QDX10-12-0.55F | 0.55 | 0.75 | 10 | 12 |
| QDX10-18-0.75F | 0.75 | 1.0 | 10 | 18 |
| QDX15-7-0.55F | 0.55 | 0.75 | 15 | 7 |
| QDX15-10-0.75F | 0.75 | 1.0 | 15 | 10 |
| QDX15-15-1.1F | 1.1 | 1.5 | 15 | 15 |
| QDX15-18-1.5F | 1.5 | 2.0 | 15 | 18 |
| QDX25-10-1.1F | 1.1 | 1.5 | 25 | 10 |
| QDX25-12-1.5F | 1.5 | 2.0 | 25 | 12 |
| QDX30-6-0.75F | 0.75 | 1.0 | 30 | 6 |
| QDX40-6-1.1F | 1.1 | 1.5 | 40 | 6 |
| QDX40-9-1.5F | 1.1 | 1.5 | 40 | 9 |

# WQD SEWAGE PUMP

## Application & Installation

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.
As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partical up to a maximum of Φ 10mm.

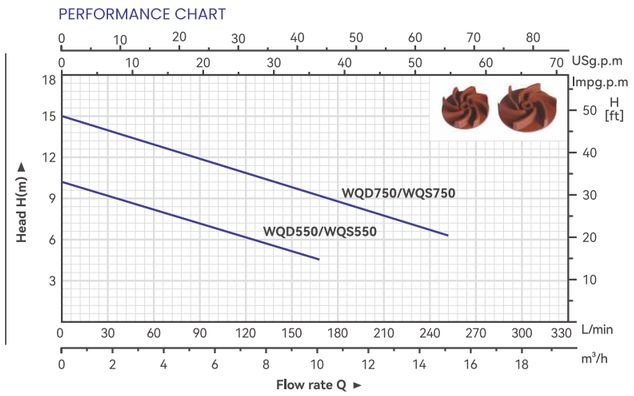
## Operating Conditons

5m maximum immersion depth
Liquid temperature up to 35°C
Max.imum ambient temperature 40°C

## Motor

Two-pole induction motor(n=2850 r.p.m)
Insulation Class B
Protection IP68
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

## Performance Graph




## Component Construction

| | |
|---|---|
| Pump body: | Cast iron |
| Suction filter: | AISI304 SS |
| Impeller: | Cast iron |
| Motor shaft: | AISI304 SS |
| Mechanical seal: | SIC-SIC/Ceramic-Graphite |
| Cable: | 6m power cable with plug |

## Package Size

| MODEL | DISCHARGE | N.W | L×W×H |
|---|---|---|---|
| | Inch | (Kg) | (mm) |
| WQD550F | 2 " | 15.5 | 265×220×460 |
| WQS550F | 2 " | 16.5 | 275×215×460 |
| WQD750F | 2 " | 16.5 | 265×220×460 |
| WQS750F | 2 " | 17.5 | 275×215×460 |

## Performance Parameters

| MODEL | INPUT POWER | | MAX.FLOW (L/min) | MAX.HEAD (M) | DIAMETER OF SOLID IMPURITIES (MM) |
|---|---|---|---|---|---|
| | kW | HP | | | |
| WQD550F | 0.55 | 0.75 | 15 | 10 | 20 |
| WQS550F | 0.55 | 0.75 | 15 | 10 | 20 |
| WQD750F | 0.75 | 1.0 | 15 | 15 | 20 |
| WQS750F | 0.75 | 1.0 | 15 | 15 | 20 |



# V/D SEWAGE PUMP

## Application & Installation

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

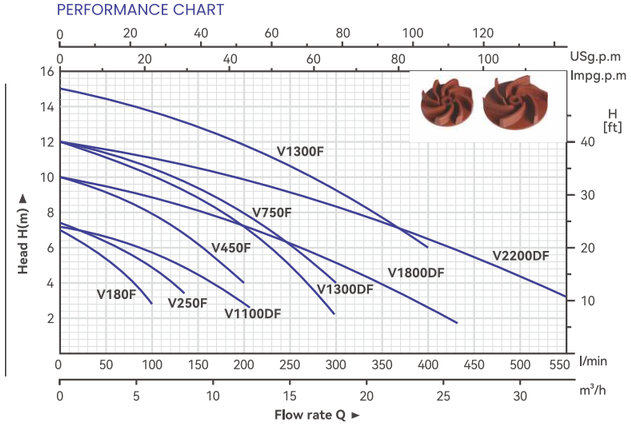
## Operating Conditons

The maximum deep it is allowed in water is 5m from its center of impeller.
The trans medium's temperature shouldn't be high than 40°C.
Trans medium's PH: 4~10.
Kinematics viscosity of the trans medium is: $7x10^{-7}$~$23x10^{-6}m^2/s$.
Density of the trans medium Limit: $1.2x10^3kg/m^3$.

## Motor

Two-pole induction motor(n=2850 r.p.m) Insulation Class B
Protection Ip68 Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

## Performance Graph




## Package Size

| MODEL | DISCHARGE | N.W | L×W×H |
|---|---|---|---|
| | Inch | (Kg) | (mm) |
| V180F | 1.5 " | 9.0 | 185×180×365 |
| V250F | 1.5 " | 9.5 | 185×180×385 |
| V450F | 2 " | 17.5 | 255×195×495 |
| V750F | 2 " | 22.0 | 255×195×535 |
| V1300F | 2 " | 25 | 255×195×535 |
| V1100DF | 2 " | 24.0 | 275×225×560 |
| V1300DF | 2 " | 25.5 | 565×305×245 |
| V1800DF | 2 " | 32.5 | 590×355×250 |
| V2200DF | 2 " | 34.5 | 590×355×250 |

## Performance Parameters

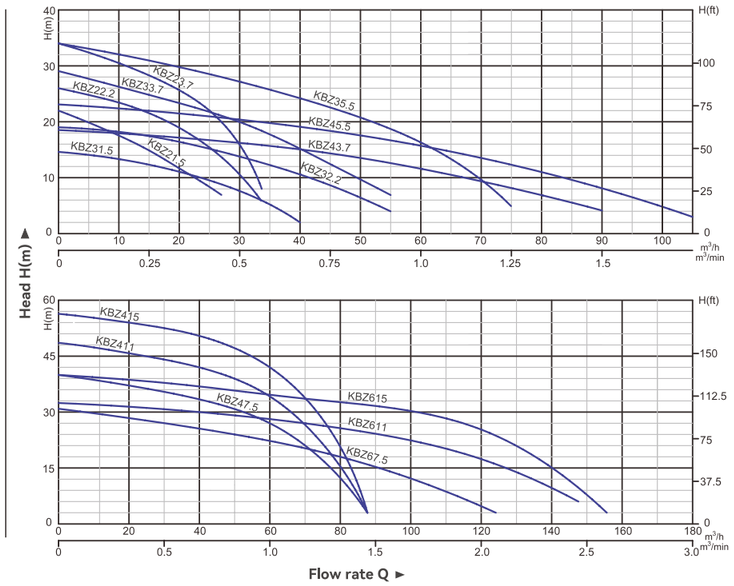
| MODEL | INPUT POWER | | Q($m^3$/h) | 0 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | Q(L/min) | 0 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 |
| V180F | 0.18 | 0.24 | | 7 | 6.7 | 6.2 | 5.4 | 4.3 | 2.8 | - | | | - | - | - |
| V250F | 0.25 | 0.33 | | 12 | 10.6 | 10 | 8.3 | 6.5 | 4.4 | 2 | - | - | - | - | - |
| V450F | 0.45 | 0.6 | | 10 | 9.5 | 8.8 | 8 | 7 | 5.9 | 4.8 | 3.5 | 2.2 | - | - | - |
| V750F | 0.75 | 1 | | 12 | 11.5 | 11 | 10.5 | 10 | 9.5 | 8.5 | 8 | 7 | 6 | 4.5 | 3 |
| V1300F | 1.5 | 2 | H(m) | 26 | 24.1 | 21.8 | 20.9 | 19.5 | 17.3 | 11.6 | 6.1 | - | - | - | - |
| V1100DF | 1.1 | 1.5 | | 10 | 9.6 | 8.7 | 7.5 | 6.8 | 5.9 | 5.6 | - | - | - | - | - |
| V1300DF | 1.3 | 1.75 | | 14 | 13.3 | 12.8 | 11.2 | 10.6 | 9.4 | 8.1 | 6.5 | - | - | - | - |
| V1800DF | 1.8 | 2.5 | | 16 | 15.1 | 14.7 | 13.5 | 12.7 | 11.2 | 10.3 | 8.6 | 6.3 | - | - | - |
| V2200DF | 2.2 | 3.0 | | 20.6 | 18.3 | 16.1 | 14.1 | 13.2 | 12.6 | 11.7 | 10.9 | 9.9 | 8.2 | 7.4 | 6.5 |

# KBZ SEWAGE PUMP

Quality Assurance 1 One Year Warranty

## Performance Graph

PERFORMANCE CHART




## Application

Civil engineering
Mines,quarries,coal ore & slurries
Sewage treatment plants
General pumping purposes

## Specification

Capacity: up to 160 $m^3/h$
Head: up to 57 meters
Power: 1.5kW(2HP) to 15kW (20HP)
Power supply: three phase 380V±10%, 50Hz
380V±10%, 60Hz
Insulation class: F
Protection class: IP68
Cable length: 8m
Water temperature: up to 40℃
Max.water depth: 25m

## Special features on request

Other voltages
The length of cable is optional

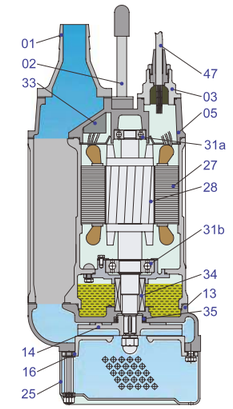


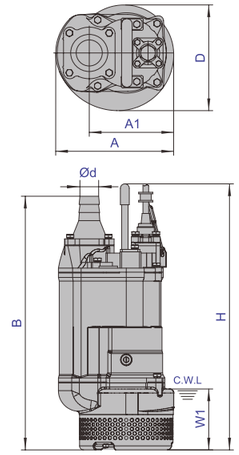
## Performance Parameters

| MODEL | OUTLET | MOTOR POWER | | RATED CURRENT (400V) | RATED CAPACITY | | RATED HEAD | MAX CAPACITY | | MAX HEAD | IMPELLER PASSAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm | kW | HP | A | $m^3/h$ | $m^3/min$ | m | $m^3/h$ | $m^3/min$ | m | mm |
| **KBZ21.5** | 50 | 1.5 | 2 | 3.5 | 15 | 0.25 | 15 | 27 | 0.45 | 22 | 8.5 |
| **KBZ31.5** | 80 | 1.5 | 2 | 3.5 | 30 | 0.5 | 8 | 40 | 0.67 | 14.5 | 8.5 |
| **KBZ22.2** | 50 | 2.2 | 3 | 5.0 | 18 | 0.3 | 20 | 33 | 0.55 | 26 | 8.5 |
| **KBZ32.2** | 80 | 2.2 | 3 | 5.0 | 36 | 0.6 | 11 | 55 | 0.98 | 19 | 8.5 |
| **KBZ23.7** | 50 | 3.7 | 5 | 7.7 | 12 | 0.2 | 30 | 33 | 0.55 | 34 | 8.5 |
| **KBZ33.7** | 80 | 3.7 | 5 | 7.7 | 30 | 0.5 | 20 | 55 | 0.92 | 29 | 8.5 |
| **KBZ43.7** | 100 | 3.7 | 5 | 7.7 | 60 | 1 | 11.5 | 90 | 1.5 | 18.5 | 8.5 |
| **KBZ35.5** | 80 | 5.5 | 7.5 | 11.4 | 36 | 0.6 | 25 | 75 | 1.25 | 34 | 8.5 |
| **KBZ45.5** | 100 | 5.5 | 7.5 | 11.4 | 60 | 1 | 16 | 105 | 1.75 | 23 | 8.5 |
| **KBZ47.5** | 100 | 7.5 | 10 | 15 | 48 | 0.8 | 30 | 84 | 1.4 | 40 | 11.5 |
| **KBZ67.5** | 150 | 7.5 | 10 | 15 | 90 | 1.6 | 15 | 124.8 | 2.08 | 31 | 19.5 |
| **KBZ411** | 100 | 11 | 15 | 22 | 60 | 1 | 35 | 84 | 1.4 | 48.5 | 11.5 |
| **KBZ611** | 150 | 11 | 15 | 22 | 102 | 1.7 | 22 | 147 | 2.45 | 32 | 19.5 |
| **KBZ415** | 100 | 15 | 20 | 29.5 | 60 | 1 | 42 | 84 | 1.4 | 56 | 11.5 |
| **KBZ615** | 150 | 15 | 20 | 29.5 | 102 | 1.7 | 30 | 156 | 2.6 | 40 | 19.5 |

## Explode Drawing

| NO. | PART NAME | MATERIAL |
|---|---|---|
| 1 | Hose coupling | Cast iron |
| 2 | Handle | Rubber&steel |
| 5 | Upper cover | Cast iron |
| 11 | Motor body | Cast iron |
| 13 | Pump body | Cast iron |
| 14 | Impeller | High chrome alloy |
| 16 | Inlet plate | High chrome alloy |
| 25 | Strainer | Steel |
| 27 | Stator | |
| 28 | Rotor | Shaft:AISI420SS |
| 31a | bearing | Ball bearing |
| 31b | bearing | Ball bearing |
| 33 | Motor protector | |
| 34 | Mechanical seal | Sic Sic/Carbon-Sic(S2.2kW)<br>Sic Sic/Sic Sic(<3.7kW) |
| 35 | Oil seal | |
| 47 | Cable | |




W1:Continuous running water level

## DIMENSIONS

| MODEL | d | A | A1 | B | D | H | W1 | N.W | G.W | L×W×H |
|---|---|---|---|---|---|---|---|---|---|---|
| (50/60Hz) | mm | mm | mm | mm | mm | mm | mm | Kg | Kg | mm |
| **KBZ21.5** | 50 | 235 | 173 | 535 | 216 | 505 | 120 | 36 | 40 | 590×290×260 |
| **KBZ31.5** | 80 | 235 | 173 | 535 | 216 | 505 | 120 | 36 | 40 | 590×290×260 |
| **KBZ22.2** | 50 | 235 | 173 | 535 | 216 | 505 | 120 | 39 | 43 | 590×290×260 |
| **KBZ32.2** | 80 | 235 | 173 | 535 | 216 | 505 | 120 | 39 | 43 | 590×290×260 |
| **KBZ23.7** | 50 | 283 | 208 | 628 | 252 | 629 | 150 | 63 | 68 | 690×340×330 |
| **KBZ33.7** | 80 | 283 | 208 | 628 | 252 | 629 | 150 | 63 | 68 | 690×340×330 |
| **KBZ43.7** | 100 | 283 | 208 | 642 | 252 | 629 | 150 | 63 | 68 | 690×340×330 |
| **KBZ35.5** | 80 | 283 | 208 | 671 | 252 | 590 | 150 | 77 | 84 | 740×370×380 |
| **KBZ45.5** | 100 | 283 | 208 | 686 | 252 | 590 | 150 | 77 | 84 | 740×370×380 |
| **KBZ47.5** | 100 | 330 | 240 | 764 | 314 | 676 | 190 | 106 | 116 | 810×370×410 |
| **KBZ67.5** | 150 | 330 | 240 | 790 | 314 | 676 | 190 | 108 | 119 | 860×430×450 |
| **KBZ411** | 100 | 373 | 255 | 807 | 350 | 695 | 190 | 136 | 148 | 840×370×410 |
| **KBZ611** | 150 | 373 | 255 | 807 | 350 | 695 | 190 | 139 | 150 | 860×430×450 |
| **KBZ415** | 100 | 373 | 255 | 842 | 350 | 755 | 190 | 144 | 158 | 890×430×450 |
| **KBZ615** | 150 | 373 | 255 | 842 | 350 | 755 | 190 | 146 | 160 | 890×430×450 |

# 4SC DEEP WELL SUBMERSIBLE PUMP

Quality Assurance 1 One Year Warranty

## Application & Installation

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

## Operating Conditons

Maximum fluid temperature up to +40°C
Maximum sand content: 0.15%
Minimum well diameter :Φ130mm

## Motor & Pump

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



### Component Constrection

| COMPONENTS | MATERIAL |
|---|---|
| Pump external casing | AISI 304 SS |
| Delivery casing | AISI 304 SS |
| Suction lantern | AISI 304 SS |
| Diffuser | Plastic.PPO |
| Impeller | Plastic.PPO |
| Motor external casing | AISI 304 SS |
| Top chock | ① Cast-iron ASTM NO.30 ② AISI 420 SS |
| Bottom support | AISI 304 SS |
| Mechanical seal | Graphite-Ceramic |
| Shaft | AISI 304 SS-ASTM 5140 |
| Seal lubricant oil | Oil for food machinery and pharmaceutic use. |

### Performance Parameters

| MODEL | | INPUT POWER | | DELIVER n≈2850 r/min | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | kW | HP | Q $m^3/h$ L/min | 0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 6.6 |
| | | | | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 |
| SCM3 | SC3 | 0.55 | 0.75 | H(m) | 38 | 37 | 36 | 35 | 33 | 30 | 28 | 25 | 22 | 19 | 15 | 11 |
| SCM4 | SC4 | 0.75 | 1 | | 51 | 50 | 49 | 47 | 44 | 41 | 36 | 33 | 27 | 24 | 19 | 13 |
| SCM5 | SC5 | 0.92 | 1.25 | | 64 | 62 | 61 | 59 | 55 | 51 | 47 | 42 | 36 | 31 | 24 | 17 |
| SCM6 | SC6 | 1.1 | 1.5 | | 77 | 74 | 73 | 71 | 66 | 61 | 54 | 46 | 40 | 34 | 27 | 19 |
| SCM7 | SC7 | 1.3 | 1.75 | | 89 | 87 | 85 | 82 | 77 | 71 | 63 | 55 | 48 | 40 | 31 | 21 |
| SCM8 | SC8 | 1.5 | 2 | | 102 | 99 | 97 | 94 | 88 | 81 | 73 | 64 | 56 | 47 | 38 | 26 |



# 4SKM DEEP WELL SUBMERSIBLE PUMP

Quality Assurance 1 One Year Warranty

## Application & Installation

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

## Operating Conditons

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

## Motor & Pump

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

## Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

### Component Constrection

| COMPONENTS | MATERIAL |
|---|---|
| Delivery casing | Cast-Cu ASTM280 |
| Suction lantern | ① Cast-Cu ASTM280 ② AISI 202 SS |
| Diffuser | ① Cast-Cu ASTM280 ② AISI 202 SS |
| Impeller | Cast-Cu ASTM280 |
| Strainer | AISI 304 SS |
| Motor external casing | AISI 304 SS |
| Top chock | ① Cast-Cu ASTM280 ② Cast-iron G20 UNI5007 |
| Bottom support | AISI 304 SS |
| Mechanical seal | Special seal for deep well(carbon-SIC/TC) |
| Shaft | AISI 316 SS-C1045 |
| Bearing | NSK |
| Seal lubricant oil | Oil for food machinery and pharmaceutic use |


### Performance Parameters

| MODEL | | INPUT POWER | | Q($m^3/h$) | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | kW | HP | Q(L/min) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 4SKM100 | 4SK100 | 0.75 | 1 | H(m) | 60 | 56 | 50 | 43 | 37 | 31 | 25 | 18 | 12 | 6 |
| 4SKM150 | 4SK150 | 1.1 | 1.5 | | 98 | 88 | 78 | 69 | 59 | 49 | 39 | 30 | 20 | 10 |
| 4SKM200 | 4SK200 | 1.5 | 2 | | 110 | 104 | 92 | 81 | 69 | 58 | 46 | 35 | 24 | 14 |

# SD DEEP WELL SUBMERSIBLE PUMP

## Application & Installation

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

## Operating Conditons

Maximum fluid temperature up to +35°C
Maximum sand content: 0.25%
Maximum immersion: 80m
Minimum well diameter: 3.5 "

## Motor & Pump

Rewindable motor or full obturated screen motor
Three-phase: 220V/380V/50Hz
Single-phase: 220V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
Company dimension standards
Curve tolerance according to ISO 2548

## Component Constrection

| COMPONENTS | MATERIAL |
|---|---|
| Pump external casing | ① AISI 201 SS ② AISI 304 SS |
| Outlet | ① Cast-Cu ASTM280 ② Cast- iron |
| Connector | ① Cast-Cu ASTM280 ② Cast- iron |
| Diffuser | Plastic.PC. |
| Impeller | Plastic.POM. |
| Shaft | ① 410 ② AISI 304 SS |
| Shaft coupling | ① AISI 316 SS ② AISI 304 SS |
| Motor external casing | ① AISI 316 SS ② AISI 304 SS |
| Top chock | ① Cast-Cu ASTM280 ② Cast-Iron G20 UNI5007 |
| Mechanical seal | Special seal for deep well (carbon-SIC/TC) |
| Shaft | AISI 304 SS-C1045 |
| Bearing | ① NSK ② C&U |
| Seal lubricant oil | Oil for food machinery and pharmaceutical use |









## 3SD Performance Parameters

| MODEL | | POWER | | 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 | 3.6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~220V/240V | 3~380V/415V | KW | HP | Q(L/min) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 3SDM1.8/7 | 3SD1.8/7 | 0.18 | 0.25 | | 29 | 29 | 28 | 27 | 26 | 24 | 21 | 17 | 13 | 8 | - | - | - |
| 3SDM1.8/10 | 3SD1.8/10 | 0.25 | 0.33 | | 42 | 41 | 40 | 39 | 37 | 34 | 30 | 25 | 19 | 12 | - | - | - |
| 3SDM1.8/14 | 3SD1.8/14 | 0.37 | 0.5 | | 59 | 58 | 57 | 55 | 52 | 48 | 42 | 35 | 26 | 16 | - | - | - |
| 3SDM1.8/20 | 3SD1.8/20 | 0.55 | 0.75 | | 84 | 83 | 81 | 78 | 74 | 69 | 60 | 50 | 37 | 23 | - | - | - |
| 3SDM1.8/27 | 3SD1.8/27 | 0.75 | 1 | | 113 | 111 | 109 | 106 | 101 | 92 | 82 | 67 | 51 | 32 | - | - | - |
| 3SDM1.8/37 | 3SD1.8/37 | 1.1 | 1.5 | | 155 | 153 | 150 | 145 | 138 | 127 | 112 | 92 | 69 | 43 | - | - | - |
| 3SDM1.8/47 | 3SD1.8/47 | 1.5 | 2 | H(m) | 197 | 194 | 190 | 184 | 175 | 161 | 142 | 117 | 88 | 55 | - | - | - |
| 3SDM2.5/5 | 3SD2.5/5 | 0.18 | 0.25 | | 21 | 21 | 20 | 20 | 19 | 19 | 18 | 17 | 15 | 14 | 12 | 9 | 7 |
| 3SDM2.5/7 | 3SD2.5/7 | 0.25 | 0.33 | | 29 | 29 | 29 | 28 | 27 | 26 | 25 | 23 | 21 | 19 | 16 | 13 | 9 |
| 3SDM2.5/10 | 3SD2.5/10 | 0.37 | 0.5 | | 42 | 41 | 41 | 40 | 39 | 37 | 36 | 33 | 31 | 27 | 23 | 18 | 13 |
| 3SDM2.5/15 | 3SD2.5/15 | 0.55 | 0.75 | | 63 | 62 | 61 | 60 | 58 | 56 | 53 | 50 | 46 | 41 | 35 | 27 | 20 |
| 3SDM2.5/20 | 3SD2.5/20 | 0.75 | 1 | | 84 | 83 | 82 | 80 | 78 | 74 | 71 | 67 | 61 | 54 | 46 | 37 | 27 |
| 3SDM2.5/28 | 3SD2.5/28 | 1.1 | 1.5 | | 117 | 116 | 114 | 112 | 109 | 104 | 100 | 93 | 86 | 76 | 65 | 51 | 37 |
| 3SDM2.5/36 | 3SD2.5/36 | 1.5 | 2 | | 151 | 149 | 147 | 144 | 140 | 134 | 128 | 120 | 110 | 98 | 83 | 66 | 48 |

## 3.5SD Performance Parameters

| MODEL | | POWER | | Q(m³/h) | 0 | 0.5 | 0.75 | 1 | 1.5 | 2 | 2.8 | 3 | 3.5 | 4.0 | 4.5 | 5.6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~220V/240V | 3~380V/415V | kW | HP | Q(L/min) | 0 | 8 | 13 | 17 | 25 | 33 | 47 | 50 | 58 | 67 | 75 | 93 |
| 3.5SDM1/6 | 3.5SD1/6 | 0.25 | 0.33 | | 33 | 32 | 31 | 30 | 25 | 20 | 2 | - | - | - | - | - |
| 3.5SDM1/9 | 3.5SD1/9 | 0.37 | 0.5 | | 50 | 49 | 47 | 45 | 38 | 29 | 3 | - | - | - | - | - |
| 3.5SDM1/12 | 3.5SD1/12 | 0.55 | 0.75 | | 67 | 65 | 63 | 60 | 50 | 38 | 4 | - | - | - | - | - |
| 3.5SDM1/14 | 3.5SD1/14 | 0.55 | 0.75 | | 78 | 76 | 74 | 70 | 59 | 45 | 5 | - | - | - | - | - |
| 3.5SDM1/18 | 3.5SD1/18 | 0.75 | 1 | | 101 | 98 | 95 | 90 | 76 | 58 | 6 | - | - | - | - | - |
| 3.5SDM1/22 | 3.5SD1/22 | 1.1 | 1.5 | | 123 | 120 | 116 | 110 | 92 | 70 | 7 | - | - | - | - | - |
| 3.5SDM1/26 | 3.5SD1/26 | 1.5 | 2 | H(m) | 143 | 138 | 135 | 130 | 109 | 83 | 8 | - | - | - | - | - |
| 3.5SDM2/5 | 3.5SD2/5 | 0.25 | 0.33 | | 26 | 25 | 24.7 | 24.5 | 24 | 23 | 22 | 20 | 17 | 15 | 11 | 2 |
| 3.5SDM2/7 | 3.5SD2/7 | 0.37 | 0.5 | | 35 | 34 | 33.5 | 33 | 32 | 30 | 28 | 26 | 23 | 18 | 14 | 3 |
| 3.5SDM2/11 | 3.5SD2/11 | 0.55 | 0.75 | | 55 | 54 | 53.5 | 53 | 52 | 49 | 45 | 42 | 38 | 32 | 25 | 4 |
| 3.5SDM2/16 | 3.5SD2/16 | 0.75 | 1 | | 78 | 76 | 75.5 | 75 | 71 | 66 | 61 | 55 | 48 | 39 | 30 | 5 |
| 3.5SDM2/19 | 3.5SD2/19 | 1.1 | 1.5 | | 93 | 92 | 91.5 | 91 | 89 | 84 | 78 | 71 | 63 | 53 | 42 | 6 |
| 3.5SDM2/21 | 3.5SD2/21 | 1.5 | 2 | | 102 | 101 | 100.5 | 100 | 96 | 91 | 85 | 77 | 68 | 56 | 43 | 7 |

## 3SD Performance Parameters

| MODEL | | POWER | | Q(m³/h) | 0 | 0.5 | 1 | 1.5 | 1.8 | 2 | 2.5 | 2.8 | 3.0 | 3.8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~220V/240V | 3~380V/415V | kW | HP | Q(L/min) | 0 | 8 | 17 | 25 | 30 | 33 | 42 | 47 | 50 | 63 |
| 3SDM1/10 | 3SD1/10 | 0.25 | 0.33 | | 38 | 37.2 | 36.7 | 33.3 | 27.3 | 20 | 10 | 1.5 | - | - |
| 3SDM1/15 | 3SD1/15 | 0.37 | 0.5 | | 55 | 54 | 50 | 46.2 | 41.7 | 29 | 14 | 5 | - | - |
| 3SDM1/22 | 3SD1/22 | 0.55 | 0.75 | | 79 | 78 | 72 | 63.5 | 54.6 | 42 | 20 | 7 | - | - |
| 3SDM1/30 | 3SD1/30 | 0.75 | 1 | | 108 | 105 | 93 | 83.4 | 69.5 | 57 | 32 | 10 | - | - |
| 3SDM1/40 | 3SD1/40 | 1.1 | 1.5 | | 144 | 132 | 120 | 102.8 | 84.9 | 64 | 37.7 | 13 | - | - |
| 3SDM2/8 | 3SD2/8 | 0.25 | 0.33 | H(m) | 28 | 27 | 26 | 25 | 23 | 22 | 17 | 15 | 11 | 1 |
| 3SDM2/11 | 3SD2/11 | 0.37 | 0.5 | | 39 | 37 | 36 | 34 | 32 | 30 | 24 | 22 | 15 | 2 |
| 3SDM2/17 | 3SD2/17 | 0.55 | 0.75 | | 60 | 58 | 56 | 52 | 49 | 46 | 37 | 31 | 23 | 3 |
| 3SDM2/24 | 3SD2/24 | 0.75 | 1 | | 85 | 82 | 79 | 74 | 70 | 65 | 55 | 45 | 33 | 3 |
| 3SDM2/33 | 3SD2/33 | 1.1 | 1.5 | | 110 | 107 | 101 | 95 | 90 | 85 | 69 | 60 | 42 | 4 |

## 3.5SD Performance Parameters

| MODEL | | POWER | | Q(m³/h) | 0 | 0.6 | 1.2 | 1.8 | 2.4 | 3 | 3.6 | 4.2 | 4.8 | 5.4 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~220V/240V | 3~380V/415V | KW | HP | Q(L/min) | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| 3.5SDM3/6 | 3.5SD3/6 | 0.25 | 0.33 | | 36 | 35 | 34 | 32 | 30 | 26 | 21 | 15 | 7 | - | - |
| 3.5SDM3/8 | 3.5SD3/8 | 0.37 | 0.5 | | 48 | 47 | 45 | 43 | 40 | 35 | 28 | 20 | 9 | - | - |
| 3.5SDM3/11 | 3.5SD3/11 | 0.55 | 0.75 | | 66 | 64 | 62 | 59 | 55 | 48 | 39 | 27 | 13 | - | - |
| 3.5SDM3/14 | 3.5SD3/14 | 0.75 | 1 | | 84 | 82 | 79 | 75 | 70 | 61 | 50 | 34 | 16 | - | - |
| 3.5SDM3/17 | 3.5SD3/17 | 1.1 | 1.5 | | 102 | 99 | 96 | 92 | 85 | 75 | 60 | 42 | 20 | - | - |
| 3.5SDM3/20 | 3.5SD3/20 | 1.1 | 1.5 | | 120 | 117 | 113 | 108 | 100 | 88 | 71 | 49 | 23 | - | - |
| 3.5SDM3/23 | 3.5SD3/23 | 1.5 | 2 | | 138 | 134 | 130 | 124 | 115 | 101 | 81 | 57 | 27 | - | - |
| 3.5SDM3/26 | 3.5SD3/26 | 1.5 | 2 | | 156 | 152 | 147 | 140 | 130 | 114 | 92 | 64 | 30 | - | - |
| 3.5SDM4/5 | 3.5SD4/5 | 0.25 | 0.33 | H(m) | 30 | 29 | 28 | 27 | 26 | 25 | 23 | 20 | 17 | 14 | 9 |
| 3.5SDM4/7 | 3.5SD4/7 | 0.37 | 0.5 | | 41 | 40 | 39 | 38 | 36 | 35 | 32 | 28 | 24 | 19 | 12 |
| 3.5SDM4/9 | 3.5SD4/9 | 0.55 | 0.75 | | 53 | 52 | 50 | 49 | 47 | 45 | 41 | 36 | 31 | 25 | 16 |
| 3.5SDM4/11 | 3.5SD4/11 | 0.75 | 1 | | 65 | 63 | 62 | 59 | 57 | 54 | 51 | 45 | 38 | 30 | 19 |
| 3.5SDM4/13 | 3.5SD4/13 | 1.1 | 1.5 | | 77 | 75 | 73 | 70 | 68 | 64 | 60 | 53 | 45 | 36 | 23 |
| 3.5SDM4/16 | 3.5SD4/16 | 1.1 | 1.5 | | 94 | 92 | 90 | 86 | 83 | 79 | 74 | 65 | 56 | 44 | 28 |
| 3.5SDM4/18 | 3.5SD4/18 | 1.5 | 2 | | 106 | 104 | 101 | 97 | 94 | 89 | 83 | 73 | 63 | 50 | 32 |
| 3.5SDM4/20 | 3.5SD4/20 | 1.5 | 2 | | 118 | 115 | 112 | 108 | 104 | 99 | 92 | 81 | 70 | 55 | 35 |

## 4SD Performance Parameters

| MODEL | | POWER | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~220V/240V | 3~380V/415V | kW | HP | Q(l/min) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 |
| 4SDM2/6 | 4SD2/6 | 0.25 | 0.33 | | 44 | 43 | 43 | 42 | 41 | 39 | 37 | 34 | 31 | 27 | 23 | 19 |
| 4SDM2/8 | 4SD2/8 | 0.37 | 0.5 | | 58 | 58 | 57 | 56 | 54 | 52 | 50 | 46 | 42 | 36 | 30 | 25 |
| 4SDM2/11 | 4SD2/11 | 0.55 | 0.75 | | 80 | 79 | 78 | 77 | 75 | 72 | 68 | 63 | 57 | 50 | 42 | 34 |
| 4SDM2/14 | 4SD2/14 | 0.7 | 1 | | 102 | 10 | 100 | 98 | 95 | 92 | 87 | 80 | 73 | 64 | 53 | 43 |
| 4SDM2/16 | 4SD2/16 | 0.75 | 1 | | 116 | 116 | 114 | 112 | 109 | 105 | 99 | 92 | 83 | 73 | 61 | 50 |
| 4SDM2/19 | 4SD2/19 | 1.1 | 1.5 | | 138 | 137 | 135 | 133 | 129 | 124 | 118 | 109 | 99 | 86 | 72 | 59 |
| 4SDM2/22 | 4SD2/22 | 1.1 | 1.5 | | 160 | 159 | 157 | 154 | 150 | 144 | 136 | 126 | 114 | 100 | 84 | 68 |
| 4SDM2/25 | 4SD2/25 | 1.5 | 2 | H(m) | 182 | 181 | 178 | 175 | 170 | 164 | 155 | 144 | 130 | 114 | 95 | 77 |
| 4SDM2/28 | 4SD2/28 | 1.5 | 2 | | 204 | 20 | 200 | 196 | 191 | 183 | 173 | 161 | 145 | 127 | 107 | 87 |
| 4SDM2/33 | 4SD2/33 | 2.2 | 3 | | 240 | 236 | 235 | 231 | 225 | 216 | 204 | 189 | 171 | 150 | 126 | 102 |
| 4SDM2/38 | 4SD2/38 | 2.2 | 3 | | 276 | 275 | 27 | 266 | 259 | 249 | 235 | 218 | 197 | 173 | 145 | 118 |
| - | 4SD2/44 | 3 | 4 | | 320 | 318 | 314 | 308 | 299 | 288 | 273 | 253 | 229 | 200 | 167 | 136 |
| - | 4SD2/50 | 3 | 4 | | 364 | 361 | 356 | 35 | 340 | 327 | 310 | 287 | 260 | 227 | 190 | 155 |
| - | 4SD2/56 | 4 | 5.5 | | 407 | 405 | 399 | 392 | 381 | 367 | 347 | 322 | 291 | 255 | 213 | 173 |
| - | 4SD2/62 | 4 | 5.5 | | 451 | 448 | 442 | 434 | 422 | 406 | 384 | 356 | 322 | 282 | 236 | 192 |

## 4SD Performance Parameters

| MODEL | | POWER | | Q(m³/h) | 0 | 0.6 | 1.2 | 1.8 | 2.4 | 3 | 3.6 | 4.2 | 4.8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~220V/240V | 3~380V/415V | kW | HP | Q(L/min) | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
| 4SDM3/5 | 4SD3/5 | 0.25 | 0.33 | | 38 | 38 | 36 | 34 | 32 | 28 | 24 | 18 | 12 |
| 4SDM3/7 | 4SD3/7 | 0.37 | 0.5 | | 53 | 53 | 51 | 48 | 44 | 39 | 33 | 25 | 17 |
| 4SDM3/9 | 4SD3/9 | 0.55 | 0.75 | | 69 | 68 | 65 | 62 | 57 | 51 | 43 | 33 | 22 |
| 4SDM3/11 | 4SD3/11 | 0.75 | 1 | | 84 | 83 | 80 | 76 | 69 | 62 | 52 | 40 | 27 |
| 4SDM3/13 | 4SD3/13 | 0.75 | 1 | | 99 | 98 | 94 | 89 | 82 | 73 | 62 | 47 | 32 |
| 4SDM3/15 | 4SD3/15 | 1.1 | 1.5 | | 115 | 113 | 109 | 103 | 95 | 84 | 71 | 54 | 37 |
| 4SDM3/17 | 4SD3/17 | 1.1 | 1.5 | | 130 | 128 | 124 | 117 | 107 | 96 | 80 | 62 | 42 |
| 4SDM3/19 | 4SD3/19 | 1.5 | 2 | | 145 | 143 | 138 | 131 | 120 | 107 | 90 | 69 | 47 |
| 4SDM3/21 | 4SD3/21 | 1.5 | 2 | H(m) | 160 | 158 | 153 | 145 | 133 | 118 | 99 | 76 | 51 |
| 4SDM3/25 | 4SD3/25 | 2.2 | 3 | | 191 | 188 | 182 | 172 | 158 | 141 | 118 | 91 | 61 |
| 4SDM3/29 | 4SD3/29 | 2.2 | 3 | | 221 | 218 | 211 | 200 | 183 | 163 | 137 | 105 | 71 |
| - | 4SD3/34 | 3 | 4 | | 260 | 256 | 247 | 234 | 215 | 192 | 161 | 124 | 83 |
| - | 4SD3/39 | 3 | 4 | | 298 | 293 | 283 | 268 | 246 | 220 | 185 | 142 | 96 |
| - | 4SD3/44 | 4 | 5.5 | | 336 | 331 | 320 | 303 | 278 | 248 | 208 | 160 | 108 |
| - | 4SD3/49 | 4 | 5.5 | | 374 | 368 | 356 | 337 | 310 | 276 | 232 | 178 | 120 |
| - | 4SD3/55 | 5.5 | 7.5 | | 420 | 413 | 400 | 379 | 347 | 310 | 260 | 200 | 135 |
| - | 4SD3/60 | 5.5 | 7.5 | | 458 | 451 | 436 | 413 | 379 | 338 | 284 | 218 | 147 |

## 4SD Performance Parameters

| MODEL | | POWER | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~220V/240V | 3~380V/415V | kW | HP | Q(L/min) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 |
| 4SDM4/5 | 4SD4/5 | 0.37 | 0.5 | | 39 | 36 | 35 | 34 | 32 | 29 | 26 | 23 | 18 | 14 | | |
| 4SDM4/7 | 4SD4/7 | 0.55 | 0.75 | | 54 | 51 | 49 | 48 | 45 | 41 | 37 | 32 | 26 | 19 | | |
| 4SDM4/8 | 4SD4/8 | 0.75 | 1 | | 62 | 58 | 56 | 54 | 51 | 47 | 42 | 36 | 29 | 22 | | |
| 4SDM4/9 | 4SD4/9 | 0.75 | 1 | | 70 | 65 | 63 | 61 | 57 | 53 | 48 | 41 | 33 | 25 | | |
| 4SDM4/11 | 4SD4/11 | 1.1 | 1.5 | | 85 | 80 | 77 | 75 | 70 | 65 | 58 | 50 | 40 | 30 | | |
| 4SDM4/13 | 4SD4/13 | 1.1 | 1.5 | | 101 | 94 | 91 | 88 | 83 | 76 | 69 | 59 | 48 | 36 | | |
| 4SDM4/15 | 4SD4/15 | 1.5 | 2 | | 116 | 108 | 105 | 102 | 96 | 88 | 79 | 68 | 55 | 41 | | |
| 4SDM4/17 | 4SD4/17 | 1.5 | 2 | | 131 | 123 | 120 | 116 | 109 | 100 | 90 | 77 | 62 | 46 | | |
| 4SDM4/21 | 4SD4/21 | 2.2 | 3 | | 162 | 152 | 148 | 143 | 134 | 124 | 111 | 95 | 77 | 57 | | |
| 4SDM4/24 | 4SD4/24 | 2.2 | 3 | H(m) | 186 | 174 | 169 | 163 | 153 | 141 | 127 | 109 | 88 | 66 | | |
| - | 4SD4/28 | 3 | 4 | | 217 | 203 | 197 | 190 | 179 | 165 | 148 | 127 | 103 | 77 | | |
| - | 4SD4/32 | 3 | 4 | | 247 | 231 | 225 | 218 | 204 | 188 | 170 | 145 | 117 | 87 | | |
| - | 4SD4/36 | 4 | 5.5 | | 278 | 260 | 253 | 245 | 230 | 212 | 191 | 163 | 132 | 98 | | |
| - | 4SD4/40 | 4 | 5.5 | | 309 | 289 | 281 | 272 | 255 | 235 | 212 | 181 | 147 | 109 | | |
| - | 4SD4/45 | 5.5 | 7.5 | | 348 | 326 | 317 | 306 | 287 | 265 | 239 | 204 | 165 | 123 | | |
| - | 4SD4/50 | 5.5 | 7.5 | | 387 | 362 | 352 | 340 | 319 | 294 | 265 | 227 | 183 | 137 | | |
| - | 4SD4/55 | 7.5 | 10 | | 425 | 398 | 387 | 374 | 351 | 324 | 291 | 249 | 202 | 150 | | |
| - | 4SD4/60 | 7.5 | 10 | | 464 | 434 | 422 | 408 | 383 | 353 | 318 | 272 | 220 | 164 | | |



## 4SD Performance Parameters

| MODEL | | POWER | | Q(m³/h) | 0 | 1.2 | 2.4 | 3.6 | 4.8 | 6.0 | 7.2 | 8.4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~220V/240V | 3~380V/415V | kW | HP | | 0 | 10 | 40 | 60 | 80 | 100 | 120 | 140 |
| 4SDM6/4 | 4SD6/4 | 0.37 | 0.5 | | 28 | 27 | 25 | 24 | 21 | 19 | 14 | 9 |
| 4SDM6/5 | 4SD6/5 | 0.55 | 0.75 | | 35 | 34 | 32 | 29 | 26 | 23 | 17 | 11 |
| 4SDM6/7 | 4SD6/7 | 0.75 | 1 | | 50 | 48 | 44 | 41 | 37 | 33 | 24 | 15 |
| 4SDM6/9 | 4SD6/9 | 1.1 | 1.5 | | 64 | 62 | 57 | 53 | 48 | 42 | 31 | 20 |
| 4SDM6/12 | 4SD6/12 | 1.5 | 2 | | 85 | 83 | 75 | 71 | 64 | 56 | 41 | 26 |
| 4SDM6/17 | 4SD6/17 | 2.2 | 3 | H(m) | 120 | 117 | 107 | 100 | 90 | 80 | 58 | 37 |
| 4SDM6/22 | 4SD6/22 | 3 | 4 | | 156 | 151 | 138 | 130 | 117 | 103 | 75 | 48 |
| 4SDM6/29 | 4SD6/29 | 4 | 5.5 | | 206 | 199 | 183 | 171 | 154 | 136 | 98 | 64 |
| - | 4SD6/40 | 5.5 | 7.5 | | 284 | 275 | 252 | 236 | 212 | 188 | 136 | 88 |
| - | 4SD6/50 | 7.5 | 10 | | 355 | 344 | 315 | 295 | 265 | 235 | 170 | 110 |

## 4SD Performance Parameters

| MODEL | | POWER | | Q(m³/h) | 0 | 1.2 | 2.4 | 3.6 | 4.8 | 6 | 7.2 | 8.4 | 9.6 | 10.8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~220V/240V | 3~380V/415V | kW | HP | | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 |
| 4SDM8/4 | 4SD8/4 | 0.55 | 0.75 | | 25 | 24 | 23 | 21 | 20 | 19 | 17 | 16 | 13 | 10 |
| 4SDM8/6 | 4SD8/6 | 0.75 | 1 | | 37 | 36 | 35 | 32 | 29 | 28 | 26 | 25 | 20 | 15 |
| 4SDM8/8 | 4SD8/8 | 1.1 | 1.5 | | 50 | 48 | 46 | 42 | 39 | 38 | 35 | 33 | 26 | 20 |
| 4SDM8/10 | 4SD8/10 | 1.5 | 2 | | 62 | 60 | 58 | 53 | 49 | 48 | 44 | 41 | 33 | 25 |
| 4SDM8/16 | 4SD8/16 | 2.2 | 3 | H(m) | 99 | 96 | 93 | 85 | 78 | 74 | 70 | 66 | 53 | 40 |
| 4SDM8/20 | 4SD8/20 | 3 | 4 | | 124 | 120 | 116 | 106 | 98 | 92 | 88 | 82 | 66 | 50 |
| 4SDM8/24 | 4SD8/24 | 4 | 5.5 | | 149 | 144 | 139 | 127 | 118 | 110 | 105 | 98 | 79 | 60 |
| - | 4SD8/32 | 5.5 | 7.5 | | 198 | 192 | 186 | 170 | 157 | 147 | 141 | 131 | 106 | 80 |
| - | 4SD8/40 | 7.5 | 10 | | 248 | 240 | 232 | 212 | 196 | 184 | 176 | 164 | 132 | 100 |

## 4SD Performance Parameters

| MODEL | | POWER | | Q(m³/h) | 0 | 1.8 | 3.6 | 5.4 | 7.2 | 9.0 | 10.8 | 12.6 | 14.4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~220V/240V | 3~380V/415V | kW | HP | | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 |
| 4SDM10/4 | 4SD10/4 | 0.75 | 1 | | 25 | 24 | 22 | 21 | 20 | 18 | 14 | 8 | 2 |
| 4SDM10/6 | 4SD10/6 | 1.1 | 1.5 | | 37 | 36 | 34 | 32 | 30 | 27 | 22 | 13 | 3 |
| 4SDM10/9 | 4SD10/9 | 1.5 | 2 | | 56 | 54 | 50 | 49 | 45 | 41 | 32 | 19 | 5 |
| 4SDM10/12 | 4SD10/12 | 2.2 | 3 | | 74 | 72 | 67 | 65 | 60 | 54 | 43 | 25 | 6 |
| 4SDM10/17 | 4SD10/17 | 3 | 4 | H(m) | 105 | 102 | 95 | 92 | 85 | 76 | 61 | 36 | 9 |
| 4SDM10/21 | 4SD10/21 | 4 | 5.5 | | 130 | 126 | 117 | 113 | 105 | 95 | 76 | 44 | 11 |
| - | 4SD10/28 | 5.5 | 7.5 | | 174 | 168 | 157 | 151 | 140 | 126 | 101 | 59 | 14 |
| - | 4SD10/36 | 7.5 | 10 | | 223 | 216 | 202 | 194 | 180 | 162 | 130 | 76 | 18 |

## 4SD Performance Parameters

| MODEL | | POWER | | Q(m³/h) | 0 | 1.8 | 3.6 | 5.4 | 7.2 | 9.0 | 10.8 | 12.6 | 14.4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~220V/240V | 3~380V/415V | kW | HP | | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 |
| 4SDM12/5 | 4SD12/5 | 1.1 | 1.5 | | 30 | 29 | 27 | 26 | 23 | 20 | 19 | 15 | 11 |
| 4SDM12/7 | 4SD12/7 | 1.5 | 2 | | 42 | 41 | 38 | 36 | 32 | 29 | 27 | 21 | 16 |
| 4SDM12/12 | 4SD12/12 | 2.2 | 3 | | 72 | 70 | 65 | 62 | 55 | 49 | 46 | 36 | 27 |
| 4SDM12/15 | 4SD12/15 | 3 | 4 | H(m) | 90 | 87 | 81 | 78 | 69 | 61 | 58 | 45 | 34 |
| 4SDM12/19 | 4SD12/19 | 4 | 5.5 | | 114 | 110 | 103 | 99 | 87 | 78 | 73 | 57 | 44 |
| - | 4SD12/23 | 5.5 | 7.5 | | 138 | 133 | 124 | 119 | 106 | 94 | 88 | 69 | 53 |
| - | 4SD12/29 | 7.5 | 10 | | 174 | 168 | 157 | 151 | 133 | 119 | 111 | 87 | 67 |

# ZQB SOLAR PUMP

Quality Assurance 1 One Year Warranty

## Product Applications

DC brush motor, high efficiency
Easy installation, easy operation and easy maintanence
Connect with solar panels directly, no need controller
Can be powered both by solar panels and batteries
Cheap, low cost
Reverse protection
User for irrigation, livestock, home using, garden and fountain

Agricultural irrigation

Domestic water

| Performance Parameters | | | | | |
|---|---|---|---|---|---|
| MODEL | Voltage (V) | Power (W) | Head (m) | Flow (m3/h) | Electric Current (A) |
| ZQB-25 | 12V | 170 | 9.8 | 4.5 | 14 |
| ZQB-25 | 24V | 240 | 11.5 | 5.3 | 10 |
| ZQB-25 | 48V | 290 | 13.5 | 5.7 | 6 |
| ZQB-25 | 60V | 340 | 14.5 | 5.8 | 5.7 |
| ZQB-25 | 48-60V | 340 | 14.5 | 5.8 | 5.7 |
| ZQB-25 | 72V | 308 | 13.8 | 5.9 | 4.4 |
| ZQB-6W | 48V | 450 | 40 | 3.5 | 8.5 |
| ZQB-6W | 60V | 600 | 60 | 4 | 12 |
| ZQB-6W | 72V | 750 | 65 | 5 | 12 |
| ZQB-50D | 12V | 220 | 20 | 1.5 | 18.3 |
| ZOB-50D | 24V | 260 | 48 | 1.5 | 10.8 |
| ZQB-50D | 36V | 260 | 58 | 1.5 | 7.2 |
| ZQB-50D | 48V | 330 | 70 | 1.5 | 6.8 |
| BL-25 | 12V | 1000 | 4 | 3.8 | - |
| BL-25 | 24V | 1000 | 4 | 3.8 | - |

# Promotional Products









FOLLOW XUANYU

# Thank you