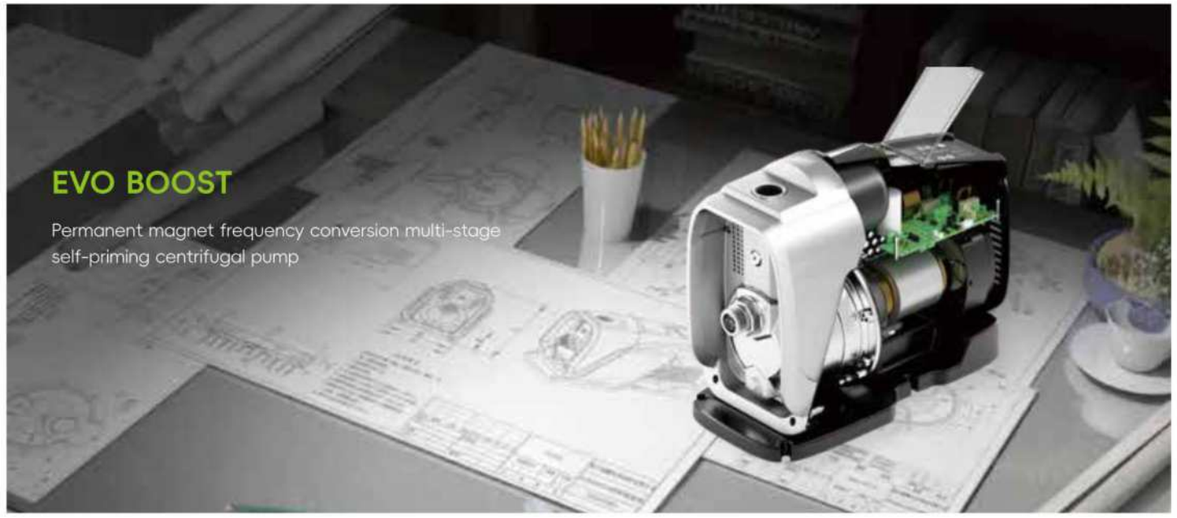
WE ARE COMMITTED TO A COMPREHENSIVE SOLUTION FOR PROJECT WATER

Fuan Keliang Electrical Machinery Co.,Ltd
Add: No.43, Budouting, Qinxiyang, Fuan, Fujian, China
Email: sales1 @motors-world.com
Tel:+86-593-6511300
Mob:+86-186 5058 3355

KELIANG 科良

WATER PUMP BRAND SELECTED BY
50 MILLION USERS WORLDWIDE







MULTIPLE ADVANTAGES











Operating panel lid for better protection



Easy to operate, one-click interconnection between dual pumps

SUPER SILENT

Unique fluid noise reduction technology, efficient and silent permanent magnet motor technology. Greatly reduce the working noise of the pump to a minimum30-50 decibels.

CONVENIENT DISASSEMBLY

Without the need to disassemble the pipeline, the four screws on the casing can Be removed for maintenance and repair.

MULTIPLE PROTECTIONS

IPX5 protection level ensures the safe operation of the water pump outdoors, including leakage warning, Water shortage protection, voltage protection, and temperature control Provide users with a safer and more reliable water experience.



Permanent magnet variable frequency, energy-saving and power-saving



Ultra-low noise, noise level ⩽50dB

WHOLE-HOUSE WATER SOLUTION



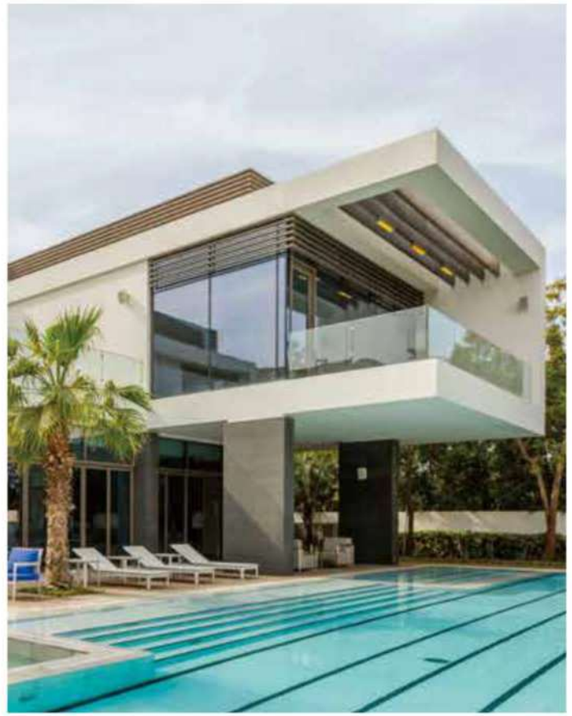




▲ Intelligent variable frequency technology ensures a stable water flow, eliminating fluctuations in water volume and temperature during use. Most impressively, it operates silently, replacing the loud roar of traditional water pumps with an almost imperceptible gentle hum.



▲ The permanent magnet variable frequency household pump precisely responds to every water demand, and even when multiple points are activated simultaneously, the water flow remains unwaveringly strong. It doesn't disrupt the warmth of daily life, yet silently supports the washing, cutting, cooking, and cleaning behind every meal, allowing love and deliciousness to flow freely in a smooth and unobstructed water flow.





◀ The intelligent control system remembers the water usage habits of the entire family, automatically adjusting power during peak usage times in the morning and evening, ensuring abundant water flow even when multiple faucets are turned on simultaneously.



▶ In your private pool, the permanent magnet variable frequency household pump serves not only as the heart of water circulation, but also as an energy-saving and silent green technology. It transforms every kilowatt-hour into a clear enjoyment, rather than a hefty electricity bill.



EVO TWO-PUMPS SERIES

Water reaches every corner of the house quickly, ensuring a satisfying water supply in the villa

PUMP LINKAGE MODE

Use water at a constant pressure to extend the service life of the water pump



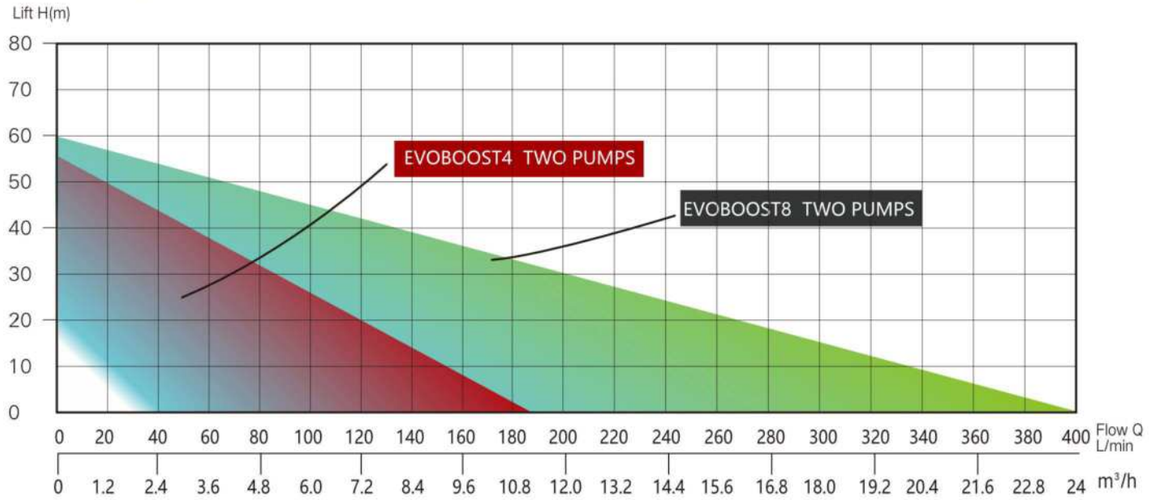
Technical Parameters



EVOBOOST4 TWO PUMPS	
Voltage:	165-260V/50Hz
Water temperature range:	0-75℃
Max.lift:	55m
Rated.lift:	28m
Max.flow:	11.2m³/h
Rated.flow:	6.0m³/h
Simultaneously satisfy:	× 8

EVOBOOST8 TWO PUMPS	
Voltage:	165-260V/50Hz
Water temperature range:	0-75℃
Max.lift:	60m
Rated.lift:	28m
Max.flow:	24m³/h
Rated.flow:	12.0m³/h
Simultaneously satisfy:	× 16

Curve diagram



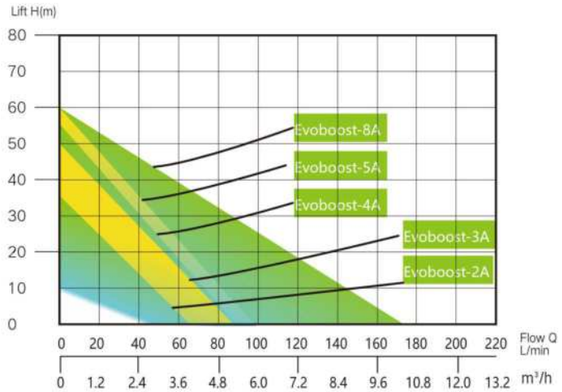
Evo-A Boost

PERMANENT MAGNET FREQUENCY
SELF-PRIMING PERIPHERAL PUMP





Curve diagram

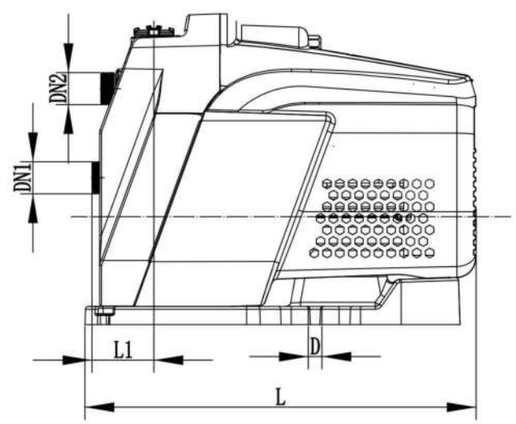


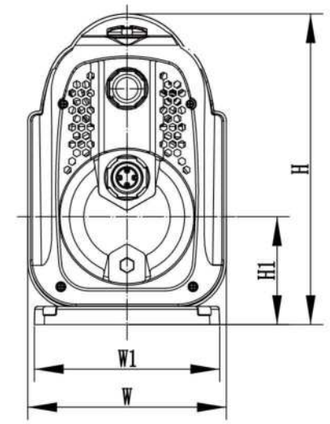
30 db	50 db	60 db	70 db
The sound of flowers blooming	Running sound of EVOLIA	Normal conversation	The sound of the range hood

Parameter

Model	Evoboost-2A	Evoboost-3A	Evoboost-4A	Evoboost-5A	Evoboost-8A
Voltage	165-260V	165-260V	165-260V	165-260V	165-260V
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power	370W	550W	750W	900W	1100W
Water temperature range	0-75℃	0-75℃	0-75℃	0-75℃	0-75℃
Ambient temperature	0-50℃	0-50℃	0-50℃	0-50℃	0-50℃
Pressure adjustment range	1.5-4.5bar	1.5-5.0bar	1.5-5.5bar	1.5-6.0bar	1.5-6.0bar
Max.flow	4.0m³/h	5.2m³/h	5.6m³/h	6.0m³/h	12m³/h
Max.lift	36m	48m	55m	60m	60m
Rated.flow	1.5m³/h	3.0m³/h	3.0m³/h	3.0m³/h	6.0m³/h
Rated.lift	20m	24m	28m	38m	28m
Max.suction	8m	8m	8m	8m	8m

Dimensional Drawings





Mdoe1	DN1	DN2	L(mm)	L1(mm)	W(mm)	W1(mm)	H(mm)	H1(mm)	D
EC0B00ST-2A/EC0B00ST-3A	1″	1″	360	61	184	171	290	95	12
EC0B00ST-4A/EC0B00ST-5A	1″	1″	400	64	204	190	320	110	12
EC0B00ST-8A	1-1/4″	1-1/4″	436	107	204	190	320	110	12

HPM Boost Series

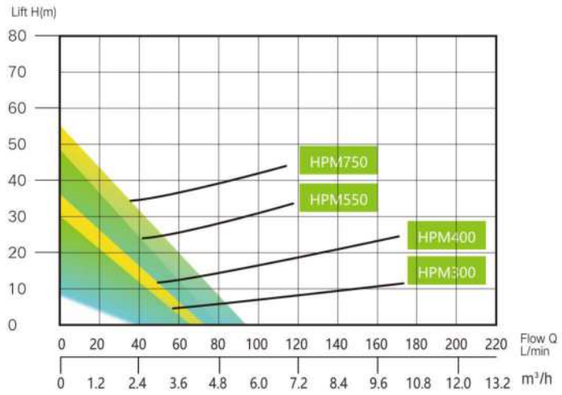
PERMANENT MAGNET FREQUENCY
CONVERSION MULTI-STAGE
SELF-PRIMING CENTRIFUGAL PUMP

Hpm Boost

PERMANENT MAGNET FREQUENCY
CONVERSION MULTI-STAGE
SELF-PRIMING CENTRIFUGAL PUMP



Curve diagram



30 db	50 db	60 db	70 db
The sound of flowers blooming	Running sound of EVOLIA	Normal conversation	The sound of the range hood

Parameter

Model	HPM300	HPM400	HPM550	HPM750
Voltage	165-260V	165-260V	165-260V	165-260V
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power	300W	400W	550W	750W
Water temperature range	0-75℃	0-75℃	0-75℃	0-75℃
Ambient temperature	0-50℃	0-50℃	0-50℃	0-50℃
Pressure adjustment range	1.5-5.0bar	1.5-5.5bar	1.5-5.5bar	1.5-6.0bar
Max.flow	3.8m³/h	4.2m³/h	4.8m³/h	5.5m³/h
Max.lift	30m	36m	48m	55m
Rated.flow	1.5m³/h	2.0m³/h	2.5m³/h	3.0m³/h
Rated.lift	18m	20m	30m	30m
Max.suction	6m	8m	8m	8m

Quality certification

WRAS TÜV ISO CE



Product Features

PERMANENT MAGNET FREQUENCY CONVERSION

Variable frequency constant voltage, low energy consumption

LOW NOISE SUPERCHARGE

High efficiency, low noise

ENERGY SAVING AND ENVIRONMENTAL PROTECTION

Energy saving and power saving, excellent and efficient

MULTIPLE PROTECTION

Multiple protections to ensure safety

COMBINED PUMP FUNCTION

Multiple water pumps can be used in parallel, with a wider range of applications

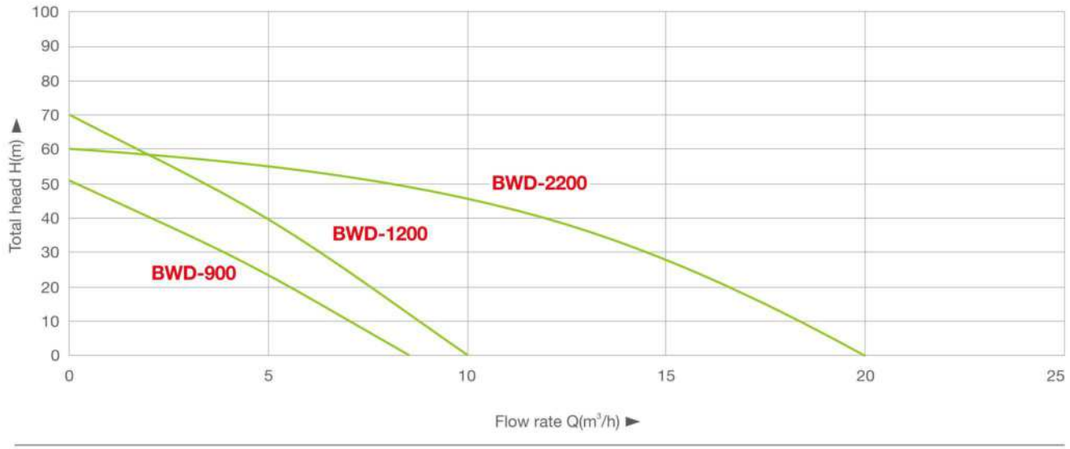


Bwd Boost

PERMANENT MAGNET FREQUENCY
CONVERSION MULTI-STAGE
SELF-PRIMING CENTRIFUGAL PUMP



Curve diagram



Parameter

Model	BWD-900	BWD-1200	BWD-2200
Power	900W	1200W	2200W
Voltage	165-260V/1 Phase	165-260V/1 Phase	165-260V/1 Phase
Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Q.Max	8.5m³/h	10m³/h	20m³/h
H.Max	53m	70m	60m
Q.Rated	4m³/h	5m³/h	12m³/h
H.Rated	30m	40m	40m
In/outlet	1.25"×1.25"	1.25"×1.25"	2"×2"
H-Suct.Max	8m	8m	8m
T-Water.Max	75 °C	75 °C	75 °C
Speed.Max	4800r/min	4600r/min	4500r/min
IP	IP55	IP55	IP55
Insulation Class	F	F	F

PMSM - Intelligent VFD Booster Pump

Applications

Residential: Household water supply, pipeline pressurization, garden and greenhouse irrigation

Agricultural: Fish farming, poultry facilities

Commercial: Mining operations, enterprise water systems, high-rise buildings, HVAC and heating circulation systems

Benifits

- High efficiency PMSM
- Variable frequency & constant Pcressure
- Super silent < 50dB
- Wide range pressure settings 20-95%
- IP55 protection
- Premium AISI304 impeller
- PCB Sealed with Potting Compound
- 14 protection function offers satisfied user experience
- **Optional:Pump Link Mode** - Achieve double water output
- Host & Slave pump: Auto - Alternating run mode
- Host & Slave pump: Timing-alternating run mode
- **Optional:WiFi Function**



Eco-friendly natural rubber

- 70% less pump cycling
- 100000+ Cycle lifespan
- Prevents water hammer
- 5L,10 bar max,1.8 bar pre-charged
- 1.5mm membrane,<1% monthly leakage
- 200000+ air cycles,300000+ water cycles



Premium AISI304 | Pump inlet & outlet

- 18/8 premium grade (18% Cr, 8% Ni)
- 870°C heat resistant
- 100% food safety certified
- 2X longer lifespan
- 24/7 corrosion protection

Integrated pressure & temp sensor

Pressure Sensor
- Supply: 4.75-5.25 VDC, 15 mA max
- Pressure range: 0-10 bar
- Temperature ranges:
- Operating: -30°C-120°C

Temperature Sensor
- Precision: ±1%
- Range: -50°C to +125°C
- NTC thermistor technology
- Response time: 2-3 seconds



Superior Heat Dissipation & Durability

- High-impact ABS
- 15% better airflow
- -4dB quieter than standard models
- 87% heat dissipation efficiency
- 5+ years outdoor UV resistance

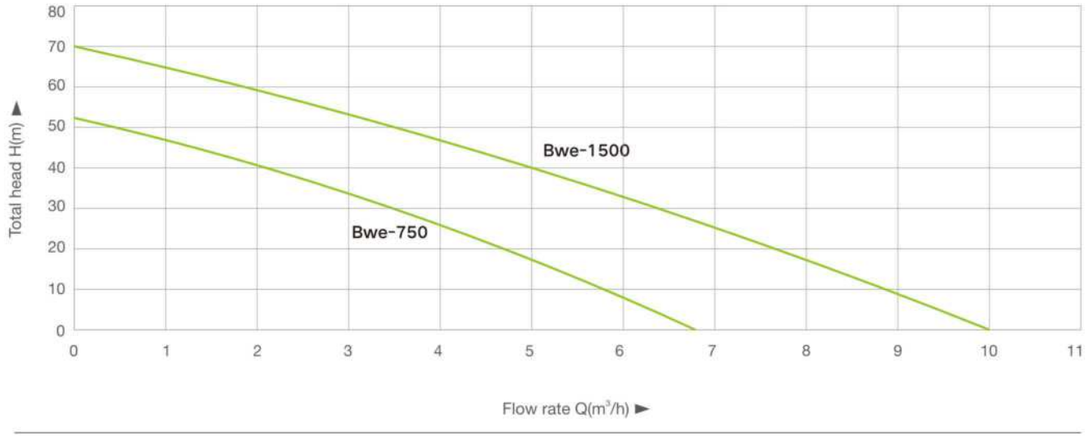


Bwe Boost

PERMANENT MAGNET FREQUENCY
CONVERSION MULTI-STAGE
SELF-PRIMING CENTRIFUGAL PUMP



Curve diagram



Parameter

Model	Bwe-750	Bwe-1500
Power	750W	1500W
Voltage	165-260V/1 Phase	165-260V/1 Phase
Frequency	50Hz/60Hz	50Hz/60Hz
Q.Max	6.8m³/h	10m³/h
H.Max	52m	70m
Q.Rated	3.5m³/h	5m³/h
H.Rated	30m	40m
In/outlet	1"×1"	1.25"×1"
H-Suct.Max	8m	8m
T-Water.Max	75 °C	75 °C
Speed.Max	4800r/min	4800r/min
IP	IP55	IP55
Insulation Class	F	F

PMSM - Intelligent VFD Booster Pump

Applications

Residential: Household water supply, pipeline pressurization, garden and greenhouse irrigation

Agricultural: Fish farming, poultry facilities

Commercial: Mining operations, enterprise water systems, high-rise buildings, HVAC and heating circulation systems

Benifits

- High efficiency PMSM
- Variable frequency & constant Pcressure
- Super silent < 50dB
- Wide range pressure settings 20-95%
- IP55 protection
- Premium AISI304 impeller
- PCB Sealed with Potting Compound
- 14 protection function offers satisfied user experience
- **Optional:Pump Link Mode** - Achieve double water output
- Host & Slave pump: Auto - Alternating run mode
- Host & Slave pump: Timing-alternating run mode
- **Optional:WiFi Function**



Pro-Grade 2L Pressure Tank

- Eco-friendly natural rubber
- 70% less pump cycling
- 100000+ Cycle lifespan
- Prevents water hammer
- 3L,10 bar max,1.5 bar pre-charged
- 1.5mm membrane,<1% monthly leakage
- 200000+ air cycles,300000+ water cycles



Premium AISI304 | Pump inlet & outlet

- 18/8 premium grade (18% Cr, 8% Ni)
- 870°C heat resistant
- 100% food safety certified
- 2X longer lifespan
- 24/7 corrosion protection

Integrated pressure & temp sensor

Pressure Sensor
- Supply: 4.75-5.25 VDC, 15 mA max
- Pressure range: 0-10 bar
- Temperature ranges:
- Operating: -30°C-120°C

Temperature Sensor
- Precision: ±1%
- Range: -50°C to +125°C
- NTC thermistor technology
- Response time: 2-3 seconds



Superior Heat Dissipation & Durability

- High-impact ABS
- 15% better airflow
- -4dB quieter than standard models
- 87% heat dissipation efficiency
- 5+ years outdoor UV resistance



JET Series

SELF-PRIMING PUMP
JET PUMP



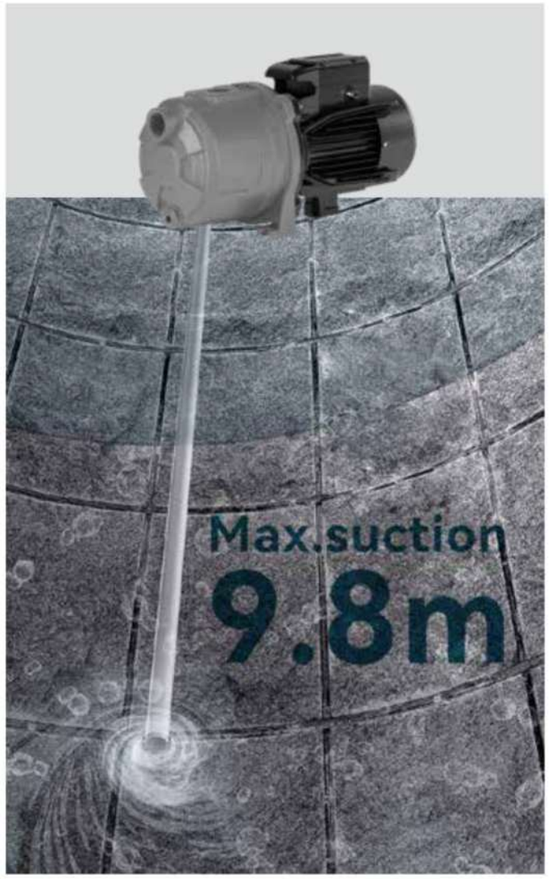


Performance Curves

Technical Data

Model	Power		Q	m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
Single Phase	kW	HP		l/min	0	10	20	30	40	50	60	70	80
JET550C	0.55	0.75	H (m)		40	33	27	23	18	16	8		
JET750C	0.75	1			45	38	32	28	24	20	9		
JET1100C	1.1	1.5			48	40	38	35	32	27	9		

Strong Suction



Easy Disassembly of Motor



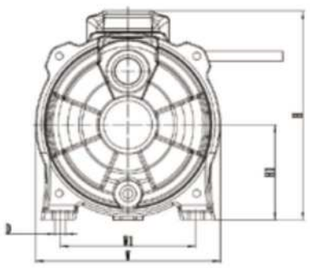
The motor design emphasizes the convenience of disassembly, making the maintenance and replacement process of the motor simpler and more efficient. Shortened downtime for maintenance, reduced production costs, and improved equipment availability and overall operational efficiency, bringing greater convenience and economic benefits to users.

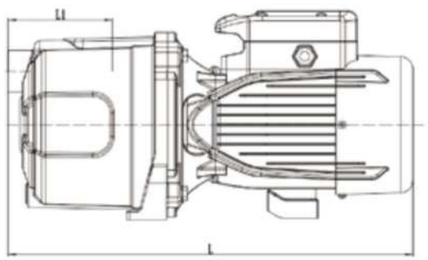
Ultra wear-resistant, mechanical seal



The use of ultra wear-resistant materials and advanced mechanical sealing technology greatly extends the service life and reduces the risk of leakage. Ensure long-term stable operation, reduce maintenance costs, and protect the pump body and motor from medium erosion.

Product dimension diagram





Model	DN1	DN2	L(mm)	L1(mm)	W(mm)	W1(mm)	H(mm)	H1(mm)	D
JET550C	1□	1□	415	108	190	140	215	98	11
JET750C			415	108	190	140	215	98	
JET1100C			415	108	190	140	215	98	

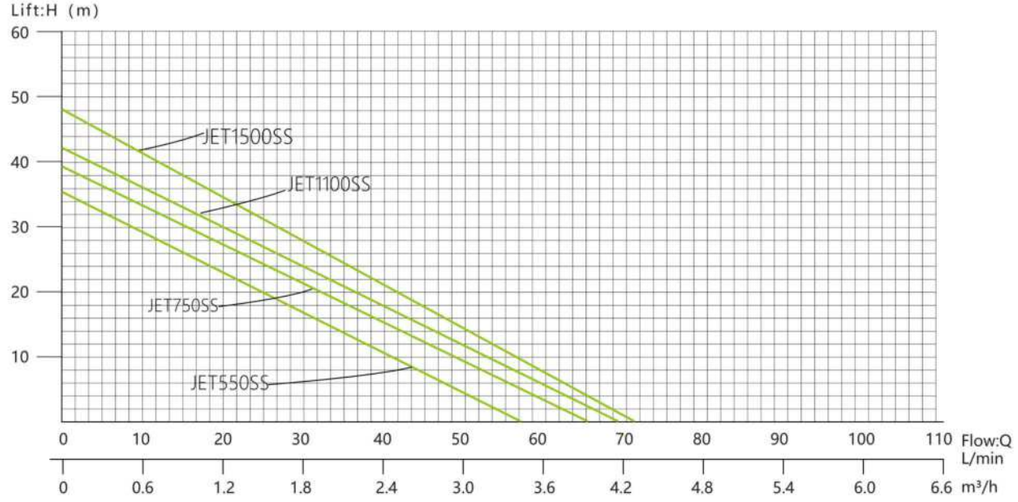
JET Series

Stainless steel jet pump





Performance Curves



Technical Data

Model	Voltage (V)	Power (kW)	Max.Flow (m³/h)	Max.Head (m)	Rated flow (m³/h)	Rated head (m)	Piping (mm)	Maximum suction (m)
JET550SS	220V	0.55kw	3.9m³/h	36m	3m³/h	16m	25m	9.8m
JET750SS	220V	0.75kw	3.9m³/h	38.5m	3m³/h	19.5m	25m	9.8m
JET1100SS	220V	1.1kw	4.0m³/h	42.5m	3m³/h	22m	25m	9.8m
JET1500SS	220V	1.5kw	4.2m³/h	49m	3m³/h	25m	25m	9.8m

Types of meaning:

JET 550 SS

- 550 — Water pump input power (W)
- JET — Water pump series code

JET series stainless steel JET pump is suitable for various senior club, bar, hotel and other large public places, auxiliary solve the problem of public water supply, perfect control function, easy operation, high reliability, high quality.

Operating Limits

Max. liquid temperature: 50 C
Max. ambient temperature: 40 C

Motor

Two-Pole induction motor
Insulation Class F
Protection IPX5
Continuous duty

Material

Pump Body: AISI 304 Stainless steel
Impeller: Stainless Steel / Plastic
Motor Shaft: Stainless Steel
Mechanical Seal: Ceramic/ Graphite/NBR

Applications

Pumping and distribution of water in domestic systems used on a continuous or intermittent basis.
Booster systems
Washing systems, garden irrigation, fountains
Pumping from wells or tanks

QDX Series

Small Submersible Electric Pumps

大流量 large flow

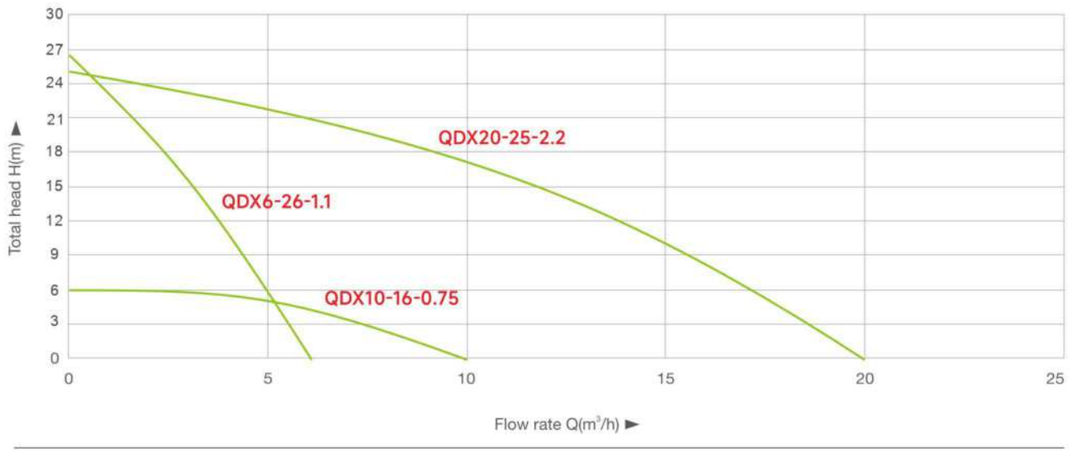
高扬程 high lift

强劲动力 strong power

高效节能 energy conservation



Curve diagram



Applications

QDX Small submersible electric pump is composed of water pump , sealing part and dry asynchronous motor . It is mainly used for electric drainage and irrigation equipment for water supply and drainage in agriculture and general occasions . The electric pump has the characteristics of small size , light weight , convenient movement , simple installation , high efficiency and energy conservation , and durability.

Technical Data

型号 Model	功率 power		额定流量 Rate Flow		扬程 Head	转速 Speed	口径 Outlet
220V/380V	Kw	HP	m³/h	L/min	m	r/min	mm
QDX1.5-12-0.25	0.25	0.33	1.5	25	12	2900	25
QDX1.5-16-0.37	0.37	0.5	1.5	25	16	2900	25
QDX3-20-0.55	0.55	0.75	3	50	20	2900	25
QDX10-10-0.55	0.55	0.75	10	166	10	2900	50
QDX15-32-0.75	0.75	1	1.5	25	32	2900	25
QDX7-18-0.75	0.75	1	7	116	18	2900	40
QDX10-16-0.75	0.75	1	10	166	16	2900	50
QDX15-10-0.75	0.75	1	15	250	10	2900	65
QDX30-6-0.75	0.75	1	30	500	6	2900	80
QDX3-30-1.1	1.1	1.5	3	50	30	2900	25
QDX6-26-1.1	1.1	1.5	6	100	26	2900	40
QDX15-15-1.1	1.1	1.5	15	250	15	2900	50
QDX15-15-1.1	1.1	1.5	15	250	15	2900	65
QDX40-7-1.1	1.1	1.5	40	666	7	2900	80
QDX15-18-1.5	1.5	2	15	250	18	2900	50
QDX15-18-1.5	1.5	2	15	250	18	2900	65
QDX40-9-1.5	1.5	2	40	666	9	2900	80
QDX50-7-1.5	1.5	2	50	833	7	2900	100
QDX20-25-2.2	2.2	3	20	333	25	2900	50
QDX40-15-2.2	2.2	3	40	666	15	2900	80
QDX65-8-2.2	2.2	3	65	1083	8	2900	100

WQD Series

Small Submersible Electric Pumps

大流量 large flow

高扬程 high lift

强劲动力 strong power

高效节能 energy conservation



Applications

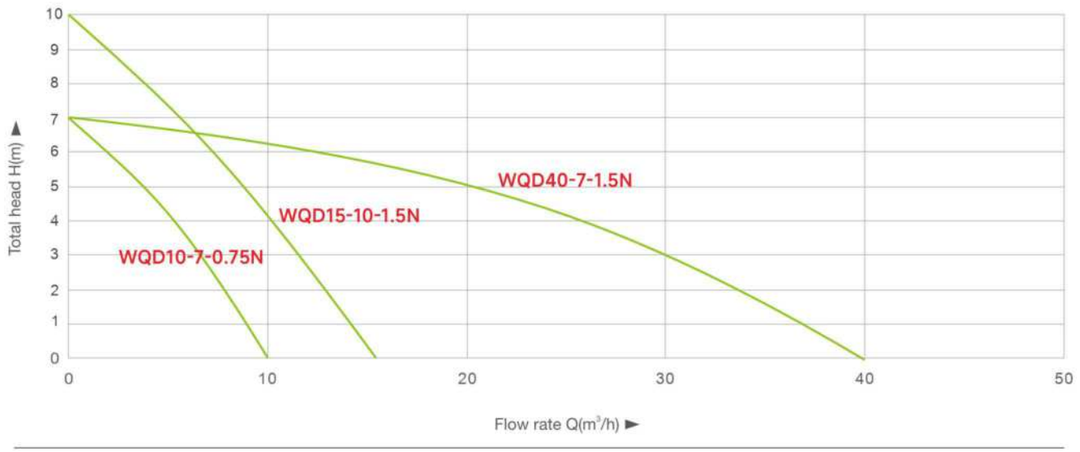
WQD multistage stainless steel is composed of water pump, sealing part and dry asynchronous motor. It is mainly used for electric drainage and irigation equipment for water supply and drainage in agriculture and general occasions.The electric pump has the characteristics of small size, light weight, convenient movement, simple installation, high efficiency and energy conservation, and durability.

Model specification

W Q D 12 - 12 - 0.75 N

污泥	
Rated power of motor (KW)	电机额定功率（KW）
Rated head (m)	额定扬程（m）
Rated flow (m³/h)	额定流量（m³/h）
Single-phase (three-phase is not marked)	单相（三相未标注）
Lower pump type	下部泵类型
Small submersible electric pump	小型潜水电泵

Curve diagram



Technical Data

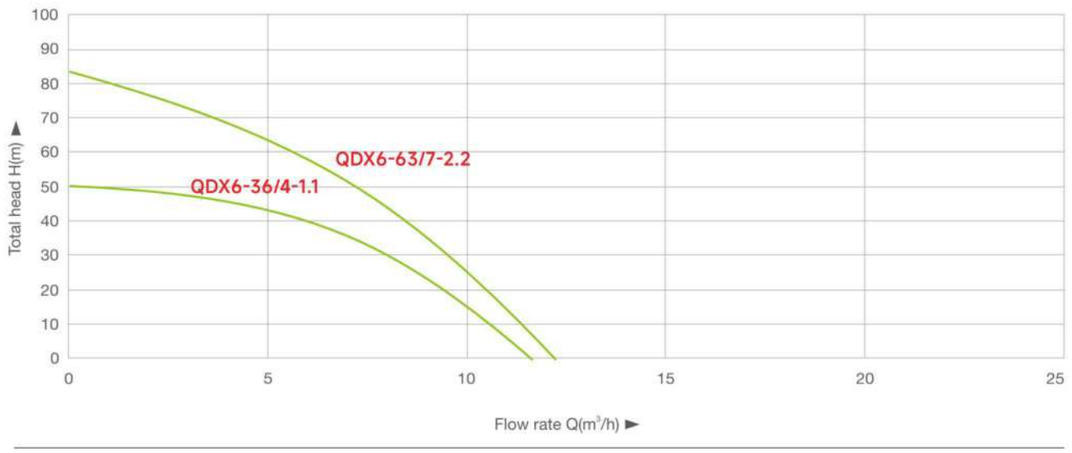
型号 Model	功率 power		电压 voltage	额定流量 Rate Flow		扬程 Head	转速 Speed	口径 Outlet
220V/380V	Kw	HP	V	m³/h	L/min	m	r/min	mm
WQD10-7-0.75N	0.75	1	220/380	10	166	7	2900	50
WQD10-10-1.1N	1.1	1.5	220/380	10	166	10	2900	50
WQD15-10-1.5N	1.5	2	220/380	15	250	10	2900	50
WQD40-7-1.5N	1.5	2	220/380	40	666	7	2900	80
WQD50-5-1.5N	1.5	2	220/380	50	833	5	2900	100

QDX Series

Multi-impeller Submersible Pumps



Curve diagram



Applications

Particularly applied in urban well water pumping,fieldirrigation and drainage,garden irrigation andhousehold water supply,as well as drainage ofindustrial accumulated water,water supply anddrainage for construction,livestock breeding,etc.

Technical Data

Type	功率 Power (KW)	最大流量 Max.flow (m^3/h)	最高扬程 Max.head (m)	额定流量 Max Flow (Rat.flow)	额定扬程 Rat.head (m)	电压 Voltage (V)	转速 Speed (r/min)	配管内径 Inner diameter (mm)
QDX6-28/3-0.75	0.75	11.5	39	6	28	220	2860	50
QX6-28/3-0.75	0.75	11.5	39	6	28	380	2900	50
QDX6-36/4-1.1	1.1	11.5	50	6	36	220	2860	50
QX6-36/4-1.1	1.1	11.5	50	6	36	380	2900	50
QDX6-48/5-1.5	1.5	11.9	64	6	48	220	2860	50
QX6-48/5-1.5	1.5	11.9	64	6	48	380	2900	50
QDX6-56/6-1.8	1.8	11.8	75	6	56	220	2860	50
QX6-56/6-1.8	1.8	11.8	75	6	56	380	2900	50
QDX6-63/7-2.2	2.2	11.6	86	6	63	220	2860	50
QX6-63/7-2.2	2.2	11.6	86	6	63	380	2900	50
QDX6-70/8-2.6	2.6	11.6	97	6	70	220	2860	50
QX6-70/8-2.6	2.6	11.6	97	6	70	380	2900	50
QX6-78/9-3	3	11.6	108	6	78	380	2900	50
QX6-86/10-4	4	11.6	119	6	86	380	2900	50