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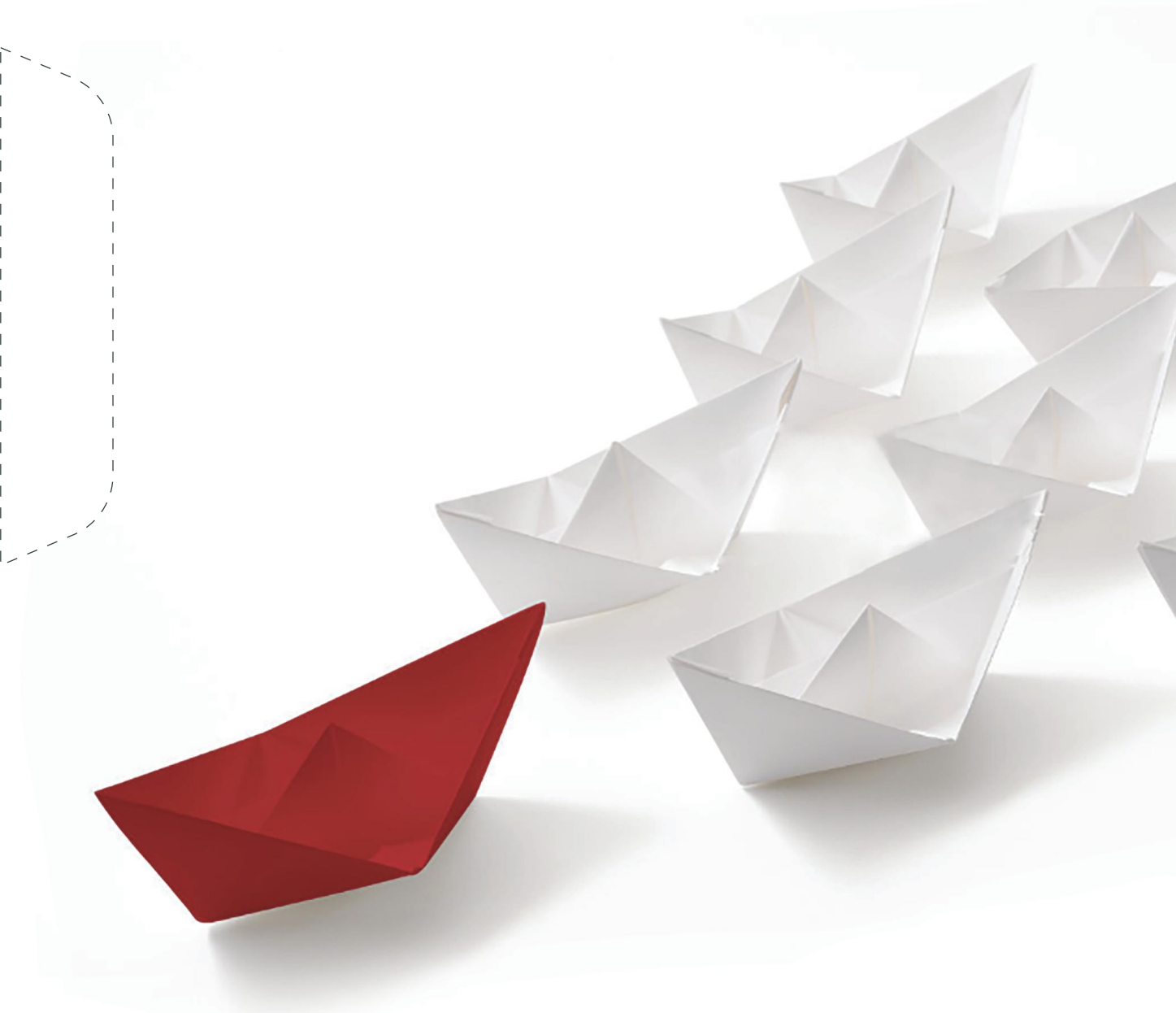
The Pump From The UK

FAPAPO CO.,LTD.



SUSTAINABLE DEVELOPMENT

FAPAPO is committed to environmental protection and sustainable development, contributing to global environmental protection through continuous technological advancements.



fapapo

ENGLAND

There is no best, only better

The Pump From The UK

Pump products originating from the UK



USING WATER IS HEALTHIER AND
LIFE IS MORE CONVENIENT



Permanent magnet variable frequency shield type circulating pump



Shield type circulating pump



Permanent magnet variable frequency shield type circulating pump



Permanent magnet variable frequency pipeline pump



Permanent magnet variable frequency shield type circulating pump

Permanent magnet variable frequency pipeline pump

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Product Introduction

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BRAND TONALITY:
As a high-end sewage lifting pump station brand, FAPAPO has always taken technological innovation and user experience as its core concepts. With simple and elegant product design, attention to detail, and emphasis on high quality and practicality. At the same time, FAPAPO is committed to environmental protection and sustainable development, contributing to global environmental protection through continuous technological progress.



1889year
FAPAPO Studio was officially established and began developing and designing pump products.



1930year
FAPAPO introduces the world's first fully automated pollution The water lifting pump station realizes the wisdom of unattended It works.



2000year
FAPAPO Asia is located in Shanghai, China, and begins to explore the Asian market.

PATENTS AND QUALIFICATIONS



PATENT NAME

Sewage lifting pump station

Permanent magnet variable frequency constant pressure self-priming pump

Permanent magnet variable frequency constant pressure shielding cyclic booster pump

The utility model relates to an embedded permanent magnet variable frequency motor rotoi

The invention relates to an integrated permanent magnet intelligent variable frequency motor

The invention relates to an integrated permanent magnet brushless DC frequency conversion motor

The invention relates to a three-phase permanent magnet synchronous frequency conversion motor

The utility model relates to a permanent magnet variable frequency motor for pump

A motor rotor

A motor and a motor assembly

The invention relates to a brush device and a motor

A new type of motor for water pump

The utility model relates to a submersible sewage pump with an outlet filter mechanism

A water pump portable handle

The invention relates to a heat dissipation structure of a water pump

The utility model relates to a water pump flow switch structure

A water pump control system



ISO 9001 GS CE (IASO) EAC RoHS PAHS



Our Team Members

There is no best, only better



BRAND INTERPRETATION

FAPAPO—High quality, sewage without worry

FAPAPO, Founded in the early 20th century, it originated in Britain. FAPAPO Has been adhering to the good technology and innovative design, determined to become a leader in the water industry.

The brand story begins with a commitment to environmental sustainability. FAPAPO The founders are inspired to develop technology to maximize the efficiency of pumps and reduce reliance on natural resources. This original intention runs through the brand DNA, making FAPAPO a symbol of environmental protection and high efficiency.

After years of unremitting efforts, FAPAPO Has built numerous reputation, its high-end sewage lifting pump technology has been awarded, the brand in the home and T industry field to provide gold series of water pump products, whether in the design or in the performance of the height, to provide users with a steady stream of hydraulic solutions.

FAPAPO The brand history has witnessed the peak of technological innovation. Constantly bring forth the new, the brand follows the trend, not only to meet the needs of users, but also beyond expectations. Our team is committed to the pursuit of high quality, to ensure that every water pump is synonymous with quality.

In the future, FAPAPO will continue to deepen the pump industry and push the boundaries of the pump technology. We firmly believe that, through sustainable innovation, FAPAPO will be more efficient for our users around the world. Reliable and environmentally friendly water pump solutions.

FAPAPO – PERMANENT MAGNET MOTOR / INTELLIGENT FREQUENCY CONVERSION

FAPAPO The unique product lies in the dual combination of core technologies: permanent magnet motor and intelligent frequency conversion system.

© **Permanent magnet motor technology:** FAPAPO adopts permanent magnet motor technology, this technology has the characteristics of high efficiency and energy saving. Permanent magnet motor not only provides higher efficiency when starting, but also can maintain higher efficiency during operation, making the water pump performance higher.

© **Intelligent frequency conversion system:** the brand introduces intelligent frequency conversion system, so that users can accurately control the operating frequency and power of the pump according to the actual needs. This not only improves the stability of the system, but also greatly reduces the energy consumption, providing users with highly personalized and energy-saving water pump solutions.

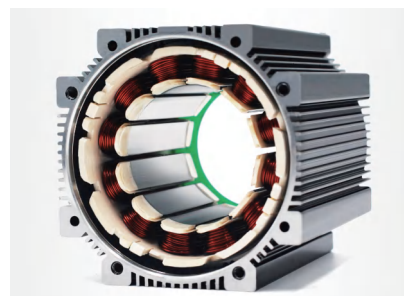
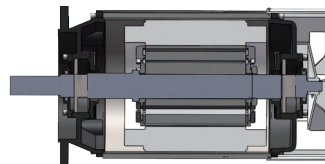
Through the combination of permanent magnet motor and intelligent frequency conversion system, FAPAPO products in the market highlights the following selling points.

© **high efficiency and energy saving:** the efficient precise control of permanent magnet motor and intelligent frequency conversion system, jointly guarantee the efficient operation of the pump, so as to reduce energy consumption, to provide users with economical energy-saving solutions.

© **Stability and reliability:** intelligent frequency conversion system ensures that the pump dynamically adjusts the operating frequency according to the demand, improve the stability of the system, reduce the failure rate, and prolong the service life of the product.

© **Intelligent management:** Users can realize the remote monitoring and intelligent management of the water pump through the intelligent frequency conversion system, obtain real-time operation data, optimize the system performance, and improve the overall utilization efficiency of water resources.

These selling points together reflect the characteristics of FAPAPO products in terms of technological innovation, high efficiency and user experience, making them more competitive in the water pump industry.



INTELLIGENT PERMANENT MAGNET PUMP

There is no best, only better

QUALITY
Made by **FAPAPO**
DESIGNED FOR LIFE

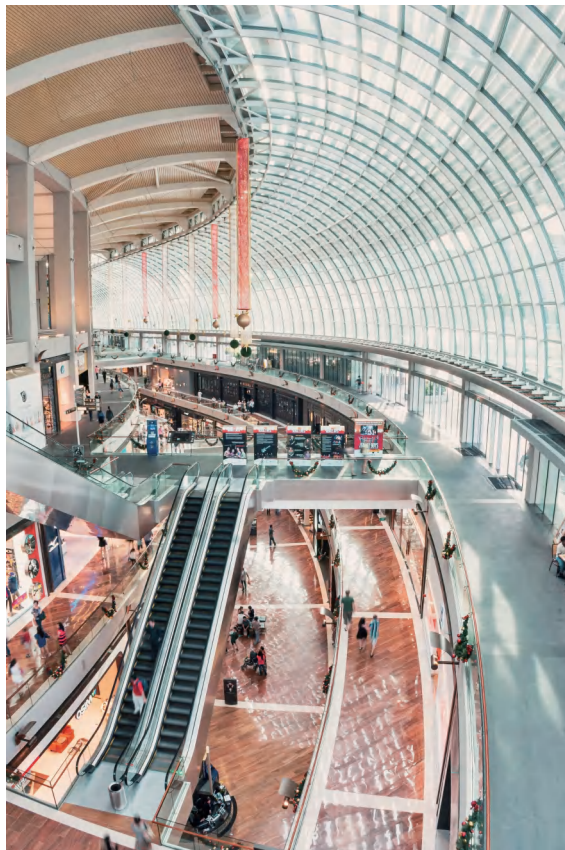


APPLICATION SCENARIOS

Widely applicable, with free water usage, providing you with a comfortable water experience



- Domestic water
- Industrial water
- Secondary water supply
- Commercial water use



CONSTANT PRESSURE WATER SUPPLY

Under the condition that the flow rate is met, the pressure setting can be freely adjusted, ensuring constant pressure output regardless of whether one faucet or multiple faucets are turned on, and rejecting fluctuating water usage.



Turn off the water and stop automatically



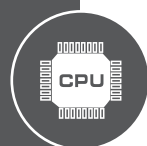
Turn on the water and start automatically





SUPER LOW NOISE

Centrifugal impeller,super quiet,make you sleep more comfortable.



SUPER SUCTION

Suction up to 8.5 m in 2 minutes,help you to “grab water” when there’ s insufficient water supply in pipeline.



INTELLIGENT & CONSTANT PRESSURE & HIGH EFFICIENCY

Intelligent constant pressure high efficiency water supply: within the pump performance range,no matter how many taps you opened, the pump will check and adjust the water pressure automatically all the time,avoid the water being flick hot and cold,big and small.



HIGH EFFICIENCY & ENERGY SAVING

IE5(primary energy efficiency)motor,automatically adjust the required power,the energy saving is more than 30% compared with the same power asynchronous motor.



ENVIRONMENT PROTECTION

Environment protection and hygiene, ready to use,no water tower tank required.



EASY OPERATION

After power-on and setting the required pressure,you open the tap,water will come out,make your operation very easy.



NO JAM,EASY MAINTENANCE

No jam and easy maintenance,centrifugal impeller to assure no impeller stuck.All the faults are displayed in the screen.



WIDE VOLTAGE RANGE USE

Wide voltage range:180v~260v normally use.

PERMANENT MAGNET MOTOR TECHNOLOGY

Structure and advantages of permanent magnet motor

Permanent magnet synchronous motor has the characteristics of simple structure,small size,light weight,small loss and high efficiency.

Compared with a brushed DC motor,it has no disadvantages such as a commutator brush.

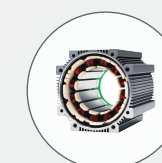
Compared with asynchronous motors,it does not need reactive excitation current,so it has high efficiency,high power factor,large torque inertia,reduced stator current and stator resistance loss,and measurable rotor parameters and good control performance.



Rare earth permanent magnet magnetic steel



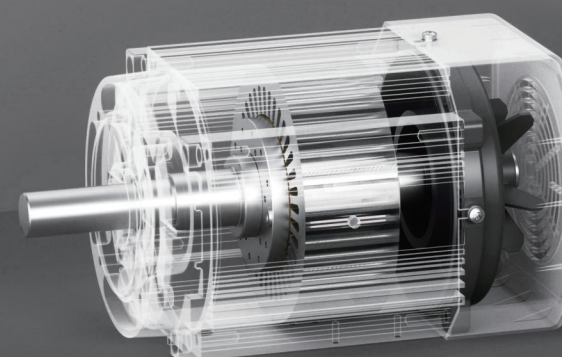
NSK bearing
high temperature resistance,
high speed,low noise,
high precision



Aluminum alloy base
non-corrosive,
good heat dissipation

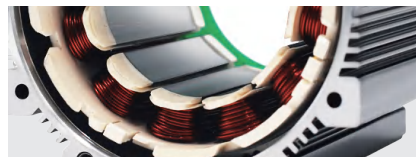


DW350/470 Silicon steel sheet



PERMANENT MAGNET VARIABLE FREQUENCY MULTI-STAGE VERTICAL CENTRIFUGAL PUMP

Adopt ultra-high efficiency permanent magnet variable frequency motor, low energy consumption, saving more than 30% electricity; can transport different media from tap water to industrial liquids, applicable to different environments, temperatures, flow rates, and pressure ranges



High Efficiency & Energy Saving

30%



Non negative pressure water supply unit



Super Low Noise



super power



Intelligent
Constant Pressure



High Efficiency &
Energy Saving



No Jam



Wide Voltage
Range Use

- 1.liquid that is thin, clean, non condensable, non flammable and non explosive, and does not contain solid particles or fibers;
- 2.Clean water, with a volume ratio of solid impurities not exceeding 0.1% and a particle size not exceeding 0.2mm;
- 3.Liquid temperature: 0 °C < water temperature ≤ 105 °C;
- 4.Environmental temperature: 0 °C - 40 °C;
- 5.PH value of the conveying medium: 5-8;
- 6.Relative humidity: Max 85% (RH).

Design and apply high efficient permanent magnet variable frequency motor and inverter, achieve a balance of performance for the whole pump, create powerful and high-quality urban commercial water equipment by improving quality, and eliminating all "dross": CDMF permanent magnet variable frequency vertical multi-stage centrifugal pump! Comprehensive power saving over 30%.



Double or multiple unit

When connected with
two or more pumps
 $Q=Q_1+Q_2+...$
 $H=H_1=H_2=...$

Only a 485 communication cable is needed to achieve one pump in use and another pump in standby mode, two pumps in use and one in standby mode, three pumps in use and one in standby mode etc. free combinations to ensure water use safety. Secondary water supply, multi-pump water supply, convenient combination, omit traditional control cabinet.

TECHNICAL PARAMETERS

Model	Impeller stage	Motor Power (kW)	Flow (m³/h)	1	2	3	4	4.5	Max.Head (m)	Max.Flow (m³/h)
CDMF2-70B	11	1.1	Head (m)	108	70	20	-	-	125	3
CDMF2-80B	11	1.1		118	80	24	-	-	125	3
CDMF2-120B	11	2.2		145	120	93	60	40	156	5
CDMF2-130B	11	2.2		150	130	112	80	62	156	5

Model	Impeller stage	Motor Power (kW)	Flow (m³/h)	3	4	5	6	7	8	Max.Head (m)	Max.Flow (m³/h)
CDMF6-60B	4	2.2	Head (m)	74	69	62	60	53	47	94	11
CDMF6-90B	6	3		104	99	92	90	83	77	120	11
CDMF6-110B	7	4		122	117	114	110	100	92	140	11
CDMF6-150B	10	5.5		167	162	157	151	144	137	185	11
CDMF6-210B	14	7.5		227	222	217	211	204	197	230	11

Model	Impeller stage	Motor Power (kW)	Flow (m³/h)	6	8	10	12	14	16	Max.Head (m)	Max.Flow (m³/h)
CDMF12-50B	3	3	Head (m)	62	60	56	51	42	34	60	17
CDMF12-60B	4	4		73	71	66	60	50	38	75	17
CDMF12-90B	6	5.5		111	108	101	92	79	64	115	17
CDMF12-120B	8	7.5		147	144	136	124	110	88	150	17
CDMF12-170B	11	11		192	189	181	170	155	133	195	17
CDMF12-230B	15	15		252	249	241	230	215	193	255	17

Model	Impeller stage	Motor Power (kW)	Flow (m³/h)	8	10	12	14	16	18	Max.Head (m)	Max.Flow (m³/h)
CDMF16-20B	1	2.2	Head (m)	28	26	24	22	20	12	30	20
CDMF16-40B	2	3		56	52	48	44	40	29	65	20
CDMF16-50B	3	4		68	66	62	58	52	46	74	20
CDMF16-70B	4	5.5		92	88	84	76	73	65	95	20
CDMF16-90B	5	7.5		110	109	105	100	95	85	115	20
CDMF16-140B	8	11		166	163	158	150	145	137	170	20
CDMF16-200B	11	15		222	218	210	202	199	191	225	20

Model	Impeller stage	Motor Power (kW)	Flow (m³/h)	14	16	18	20	22	24	Max.Head (m)	Max.Flow (m³/h)
CDMF20-20B	1	2.2	Head (m)	32	26	25	24	20	17	37	26
CDMF20-50B	2	4		59	55	53	50	41	35	65	26
CDMF20-70B	3	7.5		80	75	73	72	68	61	86	26
CDMF20-120B	5	11		132	129	125	120	112	105	135	26
CDMF20-160B	7	15		188	182	174	167	157	145	190	26
CDMF20-200B	8	18.5		227	220	215	208	203	177	230	26
CDMF20-220B	10	22		235	231	227	225	221	211	240	26

Model	Impeller stage	Motor Power (kW)	Flow (m³/h)	16	20	25	30	32	36	40	Max.Head (m)	Max.Flow (m³/h)
CDMF32-15B	1	3	Head (m)	19	19	17	16	15	12	9	20	44
CDMF32-30B	2	4		39	37	35	31	30	24	18	40	44
CDMF32-40B	3	5.5		58	56	52	45	42	36	27	60	44
CDMF32-50B	4	7.5		77	75	70	62	58	49	37	80	44
CDMF32-80B	6	11		116	112	105	92	86	73	55	120	44
CDMF32-100B	8	15		154	150	139	122	114	97	73	160	44
CDMF32-120B	9	18.5		174	168	157	137	128	109	82	180	44
CDMF32-160B	11	22		212	206	192	168	157	133	100	215	44

Model	Impeller stage	Motor Power (kW)	Flow (m³/h)	25	30	35	40	45	50	55	Max.Head (m)	Max.Flow (m³/h)
CDMF45-20B	1	4	Head (m)	25	23	22	21	20	17	15	30	60
CDMF45-40B	2	7.5		48	46	44	42	40	35	31	60	60
CDMF45-60B	3	11		71	69	66	63	60	53	47	75	60
CDMF45-80B	4	15		95	92	88	84	80	71	62	100	60
CDMF45-100B	5	18.5		119	115	110	105	100	88	78	125	60
CDMF45-120B	6	22		143	138	132	125	120	106	93	145	60

Model	Impeller stage	Motor Power (kW)	Flow (m³/h)	30	40	50	60	64	70	80
CDMF64-20B	1	5.5	Head (m)	27	25	23	21	20	18	15
CDMF64-40B	2	11		53	51	47	43	40	37	30
CDMF64-60B	3	18.5		80	76	70	64	60	55	46
CDMF64-80B	4	22		107	101	94	85	80	74	61

Model	Impeller stage	Motor Power (kW)	Flow (m³/h)	50	60	70	80	90	100	110
CDMF90-20B	1	7.5	Head (m)	25	24	22	21	20	16	12
CDMF90-40B	2	15		53	50	47	44	40	36	30
CDMF90-65B	3	22		81	77	72	67	65	55	48

Model	Impeller stage	Motor Power (kW)	Flow (m³/h)	60	70	80	90	100	110	120	130	140	150
CDMF120-20B	1	11	Head (m)	22	21.8	21.6	21.3	21	20.5	20	17	16	15
CDMF120-40B	2	22		46	45	44.5	43.5	42.4	41	40	38	36	33.5

Model	Impeller stage	Motor Power (kW)	Flow (m³/h)	80	90	100	110	120	130	140	150	160	170	180
CDMF150-20B	1	15	Head(m)	24	23	22.5	22	21.5	21	20.5	20	17	16	15



PERMANENT MAGNET VARIABLE FREQUENCY PIPELINE PUMP

PRODUCT INTRODUCTION

GD pump is a multi-purpose product that can transport various media from tap water to industrial liquids, mainly used as liquid conveying, pressurization, and circulation equipment. For example: regional heating systems (the water quality in the heating system should meet the recognized water quality standards of the system), HVAC, air conditioning systems, cooling systems, domestic hot water systems, industrial liquid transportation systems, water supply systems, etc.



Double or multiple unit

When connected with
two or more pumps
 $Q=Q1+Q2+....$
 $H=H1=H2=...$

Only a 485 communication cable is needed to achieve one pump in use and another pump in standby mode, two pumps in use and one in standby mode, three pumps in use and one in standby mode etc. free combinations to ensure water use safety.
Secondary water supply, multi-pump water supply, convenient combination, omit traditional control cabinet.

APPLICATION ENVIRONMENT

1. The maximum pressure of the system is 1.6Mpa, that is, the sum of suction inlet pressure and pump lifting head totally is no more than 1.6Mpa, If need special pressure, please specify it when ordering;
2. Applicable medium: the volume ratio containing solid impurities shall not exceed 0.2%, and the particle size shall not exceed 0.2mm clear water or other liquids with physical properties are similar to clear water.If the particle size exceed 0.2mms in liquid ,Please specify it when ordering;
3. The ambient temperature shall not exceed 40 °C and the relative humidity shall not exceed 95%;
4. The temperature of transmission medium is 0 °C~140 °C;
5. Power frequency is 50Hz, single-phase voltage is 220V, three-phase voltage is 380V.The pressure variation range is $\pm 10\%$ of the rated value.



PERMANENT MAGNET VARIABLE FREQUENCY PIPELINE PUMP

Model	Motor Power (kW)	Q (m³/h)	2	4	6	8	10	12	14	16
GD32-18	1.1	H(m)	20	19.5	19	18	17	15		
GD32-21	1.5		25.5	25	24	23.5	22.5	21	20	18
GD32-26	2.2		29	28.5	28	27.5	27	26	25	23
GD32-33	3		36	35.5	35.1	34.5	34	33	32	31
GD32-40	4		41.4	42	41.5	41	40.5	40	39	37
GD32-50	5.5		51	52	51.5	51	50.5	50	49	47

Model	Motor Power (kW)	Q (m³/h)	4	8	12.5	16	20	25	28	32
GD40-16	1.1	H(m)	19	18	16	11				
GD40-21	1.5		24	23	21	17				
GD40-20	2.2		23	22.5	22	21	20	17		
GD40-26	3		29	28.5	28	27	26	22		
GD40-30	4		35	34.5	34	33.5	32	30	28	24.5
GD40-36	5.5		41	41	40.5	40	38.5	36	34	30.5
GD40-48	7.5		52	51.5	51	50.5	50	48	45	40

Model	Motor Power (kW)	Q (m³/h)	5	10	15	20	25	30	35	40	45	50	60
GD50-12	1.1	H(m)	13	12.5	12	11							
GD50-15	1.5		16.5	16	15.5	15	13						
GD50-18	2.2		20.5	20	19.5	19	18	16					
GD50-24	3		26	25.5	25	24.5	24	23					
GD50-28	4		30.5	30	29.5	29	28.5	28	26				
GD50-35	5.5		37.5	37	36.5	36	35.5	35	34	32			
GD50-40	7.5		42.3	42.2	41.9	41.7	41.3	40.8	40	38.3	35		
GD50-50	11		53.5	53.4	53.1	52.9	52.5	51.9	51.1	50	48.4	45.8	
GD50-60	15		65.7	65.8	65.7	65.6	65.3	64.7	63.9	62.8	61.6	60	55.4
GD50-70	18.5		73.7	73.6	73.4	73.3	73.1	72.9	72.5	72	71.2	70	65.4
GD50-81	22		85.5	85.3	85	84.8	84.5	84	83.5	82.8	82.1	81	77.1

Model	Motor Power (kW)	Q (m³/h)	10	20	30	40	50	60	70	80
GD65-15	2.2	H(m)	17.9	17	15	10.7				
GD65-19	3		21.7	20.8	19	15.2				
GD65-22	4		25.1	24.7	23.9	22	17.5			
GD65-30	5.5		32	31.5	31	30	27			
GD65-34	7.5		38.3	38	37.4	36.1	34	30.5		
GD65-41	11		45	44.5	44	43.5	41	36		
GD65-50	15		53.6	53.3	52.7	51.6	50	47.3		
GD65-61	18.5		63.1	63.2	63	62.3	61	58.8	54.8	
GD65-67	22		68	67.8	67.7	67.5	67	65.8	63.4	59.7

Model	Motor Power (kW)	Q (m³/h)	10	20	30	40	50	60	70	80	90	100
GD80-13	3	H(m)	17.8	17.4	16.7	15.5	13	9.1				
GD80-18	4		21.9	21.7	21	19.9	18	14	8.6			
GD80-23	5.5		26	25.9	25.5	24.5	23	20.3	16.3	11.3		
GD80-29	7.5		31.6	31.5	31.2	30.4	29	26.5	23.3	18.8		
GD80-30	11		34.8	34.5	34.2	33.8	33.2	32.4	31.3	30	27.8	24.7
GD80-38	15		41.2	41.2	41.1	40.9	40.6	40.1	39.3	38	36	32.9
GD80-47	18.5		50.6	50.4	50	49.8	49.6	49.1	48.6	47	44.8	41.4
GD80-54	22		57	57	56.8	56.6	56.3	56	55.3	54	52.2	49.2

Model	Motor Power (kW)	Q (m³/h)	10	20	30	40	50	60	70	80	90	100	110	120	130
GD100-9	2.2	H(m)	13.9	13.2	12.2	10.8	9	6.8	4.4						
GD100-15	4		18.6	18.2	17.7	17.1	16.2	15	13.4	11					
GD100-17	5.5		21.7	21.5	21.1	20.7	20	19.2	18.3	17	15.3	13	10.4		
GD100-22	7.5		26.8	26.6	26.3	25.9	25.3	24.5	23.4	22	20.3	18.2	15.8		
GD100-27	11		31.5	31.3	31.1	30.9	30.7	30.3	29.8	29.2	28.2	27	25.5	23.6	20.8
GD100-33	15		37.1	37	36.8	36.6	36.2	35.8	35.3	34.7	33.9	33	31.7	30.1	27.9
GD100-40	18.5		43.3	43.2	43.1	42.9	42.7	42.4	42.1	41.6	40.9	40	38.9	37.4	35.3
GD100-48	22		51.2	51.1	51	50.8	50.6	50.3	49.9	49.4	48.8	48	46.9	45.3	43.2

Model	Motor Power (kW)	Q (m³/h)	40	60	80	100	120	140	160
GD125-11	5.5	H(m)	12.9	12.7	12.4	11.8	11	9.9	8
GD125-14	7.5		16.2	15.9	15.5	14.9	14	12.8	11.2
GD125-18	11		21.5	21.3	21	20.6	19.9	19.1	18
GD125-22	15		26.7	26.5	26.2	25.7	24.9	23.7	22
GD125-28	18.5		30.9	30.8	30.7	30.5	30.1	29.3	28
GD125-32	22		34.6	34.6	34.5	34.4	34	33.3	32

Model	Motor Power (kW)	Q (m³/h)	50	80	110	140	170	200	220	240
GD150-12.5	11	H(m)	14.6	14.5	14.4	14.2	13.7	12.5	11.1	9.2
GD150-17	15		18.8	18.8	18.7	18.5	18	17	16.1	15
GD150-21	18.5		23.3	23.1	22.9	22.6	22	21	19.8	17.9
GD150-25	22		28	28	27.8	27.3	26.5	25	23.5	21.3



Temperature control switch
(Special Accessories)



Water flow switch
(Special Accessories)

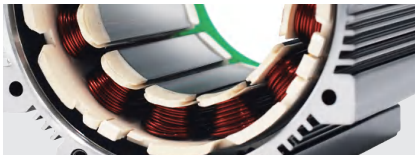


Pressure transmitter
(Special Accessories)



SCOPE OF APPLICATION

It can be used to transport various media from tap water to industrial liquid, mainly as liquid transmission, pressure boost and circulating equipment.
For example: district heating system (the water quality in the heating system shall meet the water quality standard of the workers in the system), HVAC, air conditioning system, cooling system, domestic hot water system, industrial liquid delivery system, water supply system.



High Efficiency & Energy Saving
30%

Model	GDB25-16-250	GDB25-18-370	GDB32-18-370
Max.Power (W)	250	370	370
Max.Head (m)	16	18	18
Rated Head (m)	8	10	12
Max.Flow (L/min/m³/h)	6	8	13
Rated Flow (L/min/m³/h)	4	5	6
Max.Speed (r/min)	4000	4000	4000
Voltage (V)	220±20%	220±20%	220±20%
Frequency (Hz)	50/60	50/60	50/60
Inlet&Outlet Diameter (")	1.5	1.5	2

WQD



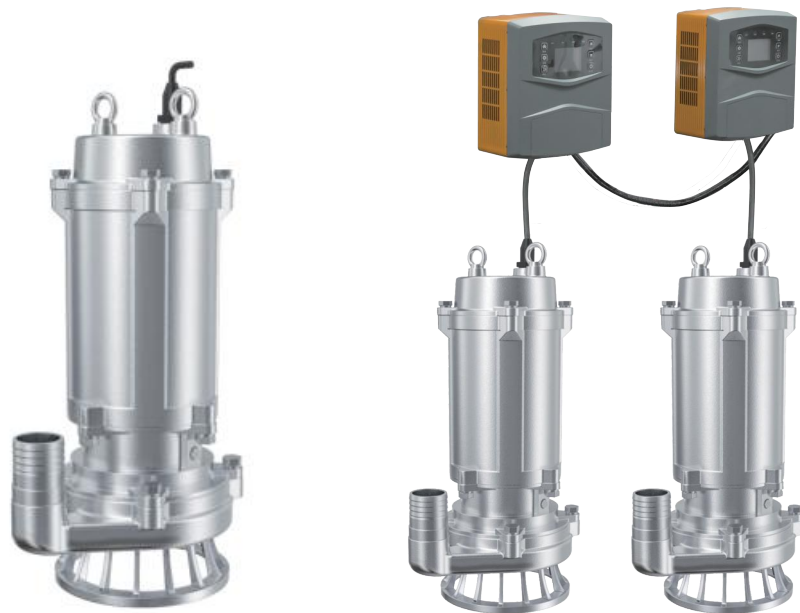
PERMANENT MAGNET FREQUENCY CONVERSION SEWAGE SUBMERSIBLE PUMP

PRODUCT INTRODUCTION

Permanent magnet motor, efficient and energy-saving: IE5 high-speed motor, large flow rate, high head, comprehensive energy-saving of over 30%; Dry running protection: automatically stops running when there is no water in the water; Motor overheating protection: When the motor temperature is too high, it automatically stops running; Anti jamming protection: When the impeller gets stuck due to impurities, it automatically stops running; When the float switch is malfunctioning or there is no float switch, the motor can automatically stop to protect it even when the lower limit is short of water, and it can run above the water surface without affecting the performance of the water pump.

WQ(D)-S

PERMANENT MAGNET FREQUENCY CONVERSION
SEWAGE SUBMERSIBLE PUMP
(ALL STAINLESS STEEL WIRE PORT)



When connected with
two or more pumps
 $Q=Q1+Q2+....$
 $H=H1=H2=...$

Only a 485 communication cable
is needed to achieve one pump
in use and another pump in
standby mode, two pumps in use
and one in standby mode,three
pumps in use and one in standby
mode etc. free combinations to
ensure water use safety.

Double or multiple unit

PRODUCT INTRODUCTION

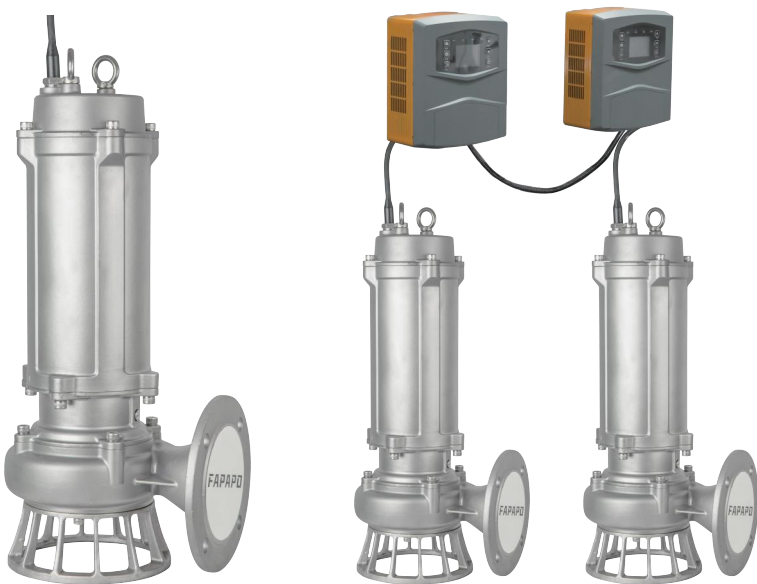
- 1.The oil chamber adopts a fluorine rubber with double-end face mechanical seal, and the outer chamber adopts a single-end face fluorine rubber mechanical seal structure, it can effectively reduce the problem of water ingress caused by shaft wear due to friction between sediment and shaft.
- 2. Adopting precision casting pump body, it has the characteristics of light weight, corrosion resistance, energy-saving, beautiful appearance, hygiene, and environmental protection.
- 3. Permanent magnet motor, high efficient and energy-saving: IE5 high-speed motor, large flow rate, high head, comprehensive energy-saving over 30%.

TECHNICAL PARAMETER

Model	Power (kW)	Rated head (m)	Rated flow (m³/h)	Voltage (v)	Frequency (Hz)	Outlet Size(″)
WQ(D)6-18-1.5S	1.5	18	6	220/380	50/60	40
WQ(D)15-12-1.5S	1.5	12	15	220/380	50/60	50
WQ(D)25-7-1.5S	1.5	7	25	220/380	50/60	65
WQ9-22-2.2S	2.2	22	9	220	50/60	50
WQ25-12-2.2S	2.2	12	25	220	50/60	65
WQ45-7-2.2S	2.2	7	45	220	50/60	75
WQ15-22-3S	3	22	15	220	50/60	50
WQ25-15-3S	3	15	25	220	50/60	65
WQ50-10-3S	3	10	50	220	50/60	75
WQ15-34-4S	4	34	15	220	50/60	50
WQ25-27-4S	4	27	25	220	50/60	65
WQ55-12-4S	4	12	55	220	50/60	75
WQ75-7-4S	4	7	75	220	50/60	100

WQ(D)

PERMANENT MAGNET FREQUENCY CONVERSION
SEWAGE SUBMERSIBLE PUMP(ALL STAINLESS STEEL FLANGE)



When connected with
two or more pumps
 $Q=Q1+Q2+....$
 $H=H1=H2=...$

Only a 485 communication cable
is needed to achieve one pump
in use and another pump in
standby mode, two pumps in use
and one in standby mode,three
pumps in use and one in standby
mode etc. free combinations to
ensure water use safety.

Double or multiple unit

PRODUCT INTRODUCTION

- 1. Double face mechanical seal+single face mechanical seal, two layers of fluororubber mechanical seal are effective to improve the waterproof and corrosion resistance of the electric pump.
- 2. The semi open spiral centrifugal impeller is not easy to block, has good passability, and is easy to clean.
- 3. Permanent magnet motor, high efficient and energy-saving: IE5 high-speed motor, large flow rate, high head, comprehensive energy saving over 30%;
- 4. Can be equipped with a dedicated cutting device to transport medium with long fibers, plastics, straw, ropes, etc
- 5. Can be equipped with a mixing device to discharge sediment.

Model	Power (kW)	Rated head (m)	Rated flow (m³/h)	Voltage (v)	Frequency (Hz)	Outlet Size(″)
50WQD15-15-1.5	1.5	15	15	220	50/60	50
50WQD25-10-1.5	1.5	10	25	220	50/60	50
50WQD15-20-2.2	2.2	20	15	220	50/60	50
65WQD25-15-2.2	2.2	15	25	220	50/60	65
80WQD40-9-2.2	2.2	9	40	220	50/60	80
100WQD50-7-2.2	2.2	7	50	220	50/60	100

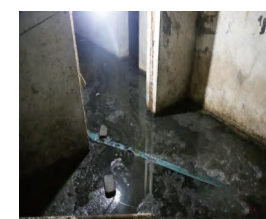
WQ(D)

PERMANENT MAGNET FREQUENCY CONVERSION SEWAGE SUBMERSIBLE PUMP(ALL STAINLESS STEEL FLANGE)

Model	Power (kW)	Rated head (m)	Rated flow (m³/h)	Voltage (v)	Frequency (Hz)	Outlet Size(″)
50WQ15-25-3	3	25	15	380	50/60	50
65WQ25-20-3	3	20	25	380	50/60	65
80WQ40-15-3	3	15	40	380	50/60	80
100WQ50-10-3	3	10	50	380	50/60	100
50WQ15-32-4	4	32	15	380	50/60	50
65WQ25-25-4	4	25	25	380	50/60	65
80WQ40-18-4	4	18	40	380	50/60	80
100WQ50-15-4	4	15	50	380	50/60	100
50WQ20-32-5.5	5.5	32	20	380	50/60	50
50WQ30-28-5.5	5.5	28	30	380	50/60	50
80WQ50-18-5.5	5.5	18	50	380	50/60	80
100WQ80-13-5.5	5.5	13	80	380	50/60	100
50WQ20-40-7.5	7.5	40	20	380	50/60	50
65WQ30-34-7.5	7.5	34	30	380	50/60	65
80WQ45-22-7.5	7.5	22	45	380	50/60	80
100WQ80-17-7.5	7.5	17	80	380	50/60	100
150WQ100-13-7.5	7.5	13	100	380	50/60	150
65WQ30-50-11	11	50	30	380	50/60	65
80WQ45-42-11	11	42	45	380	50/60	80
100WQ100-20-11	11	20	100	380	50/60	100
150WQ180-15-11	11	15	180	380	50/60	150
65WQ30-60-15	15	60	30	380	50/60	65
80WQ45-52-15	15	52	45	380	50/60	80
100WQ100-25-15	15	25	100	380	50/60	100
150WQ180-17-15	15	17	180	380	50/60	150

WQ(D)-SQG

PERMANENT MAGNET FREQUENCY CONVERSION ELECTRIC SEWAGE PUMP (ALL STAINLESS STEEL)



Basement sewage discharge



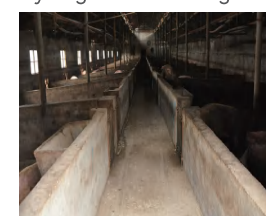
Factory sewage discharge



Dyeing and bleaching industry



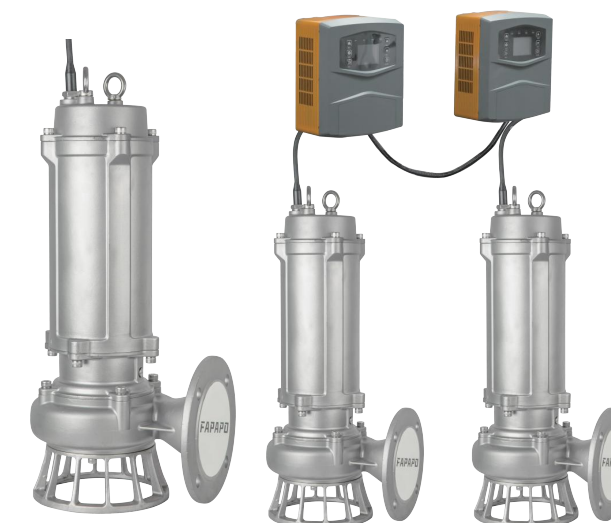
Sewer cleaning



Breeding farms sewage discharge



Septic-tank discharge

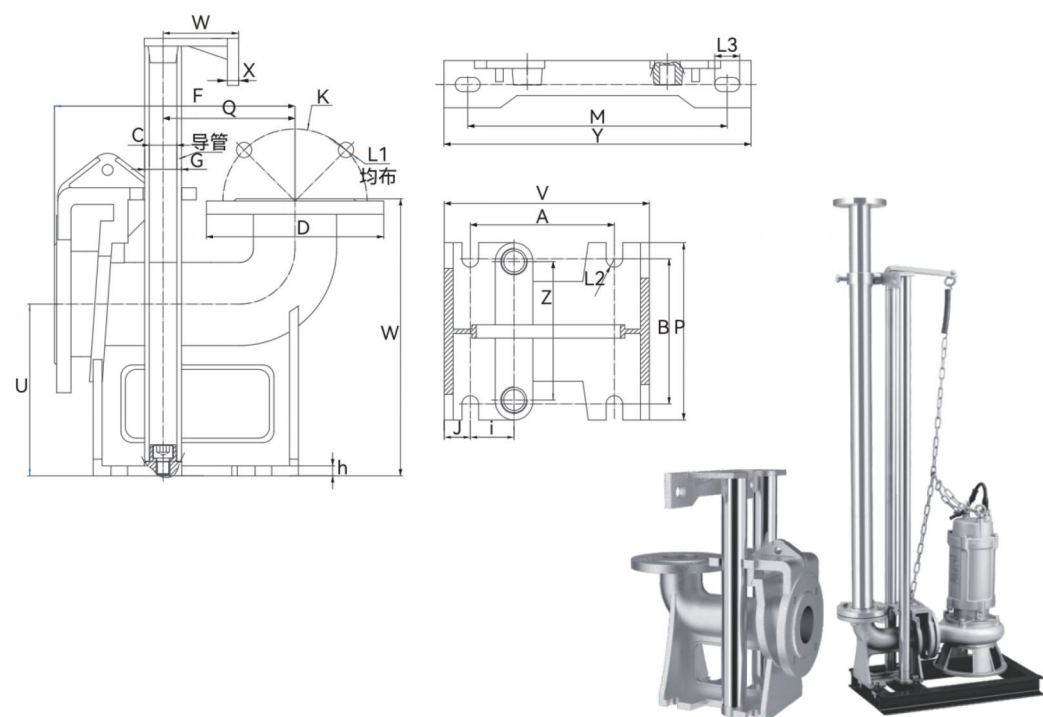


Double or multiple unit

Model	Power (kW)	Rated head (m)	Rated flow (m³/h)	Voltage (v)	Frequency (Hz)	Outlet Size(″)
50WQ(D)15-10-1.5SQG	1.5	10	15	220	50/60	50
65WQ(D)25-7-1.5SQG	1.5	7	25	220	50/60	65
50WQ(D)15-18-2.2SQG	2.2	18	15	220	50/60	50
65WQ(D)25-15-2.2SQG	2.2	15	25	220	50/60	65
80WQ(D)30-10-2.2SQG	2.2	10	30	220	50/60	80
50WQ15-20-3SQG	3	20	15	380	50/60	50
65WQ30-17-3SQG	3	17	30	380	50/60	65
80WQ35-14-3SQG	3	14	35	380	50/60	80
50WQ15-25-4SQG	4	25	15	380	50/60	50
65WQ45-17-4SQG	4	17	45	380	50/60	65
80WQ60-13-4SQG	4	13	60	380	50/60	80
100WQ80-10-4SQG	4	10	80	380	50/60	100
80WQ65-17-5.5SQG	5.5	17	65	380	50/60	80
100WQ85-15-5.5SQG	5.5	15	85	380	50/60	100
80WQ85-19-7.5SQG	7.5	19	85	380	50/60	80
100WQ100-15-7.5SQG	7.5	15	100	380	50/60	100
100WQ100-20-11SQG	11	20	100	380	50/60	100
150WQ150-11-11SQG	11	11	150	380	50/60	150
100WQ100-25-15SQG	15	25	100	380	50/60	100
150WQ150-15-15SQG	15	15	150	380	50/60	150

GAK

AUTOCOUPLING DEVICE



PRODUCT INTRODUCTION

This device can be matched to pumps with national standard flanges. When repairing the water pump, it can be directly taken out of the pit without the maintenance personnel going down to the pump pit for maintenance, greatly reduces the complexity of maintenance costs.

Model	Flange outer diameter	Outer diameter of flange center	Bolt aperture	Fixed coupling bolt aperture		Base length	Base width	Front support to hole	Conduit to hole	Base hole	Inner diameter of catheter
	D	K	L1	A	B	V	P	J	i	L2	C
GAK-50	140	110	4-Φ14	113	115	160	128	22.5	30.5	R7.5	25
GAK-65	163	130	4-Φ14	130	133	187	160	28	36	R7.5	25
GAK-80	190	150	4-Φ18	160	155	224	188	31.5	48.5	R9	42
GAK-100	205	170	4-Φ18	194	159	262	198	33	54	R10	42
GAK-150	265	225	8-Φ18	240	220	215	262	37.5	37.5	R10	42
GAK-200	320	280	8-Φ18	285	275	370	360	42.5	87.5	R10	42

Model	Size outer diameter	Coupling height	Center length	Conduit to outlet	Base thickness	Distance between bracket installation holes	Distance between bracket installation holes	Bracket mounting hole	Center to center distance of catheter	Positioning of bracket conduits	Support thickness	Total length of bracket
	G	E	F	U	Q	h	M	L3	Z	W	X	Y
GAK-50	34	199	190	119	107	9	218	R6.5	97	53	9	265
GAK-65	34	248	227	153	130	9	235	R7	123	56	9	277
GAK-80	47	275	255	170	144	10	268	R7	145	78	10	314
GAK-100	47	330	295	200	167	10	307	R7.5	160	91	10	357
GAK-150	47	415	360	260	240	26	307	R7.5	160	91	10	357
GAK-200	47	515	425	310	240	26	350	R7.5	210	90	10	400

SX

PERMANENT MAGNET VARIABLE FREQUENCY



When connected with two or more pumps
 $Q=Q1+Q2+....$
 $H=H1=H2=...$

Only a 485 communication cable is needed to achieve one pump in use and another pump in standby mode, two pumps in use and one in standby mode, three pumps in use and one in standby mode etc. free combinations to ensure water use safety.

Double or multiple unit



50SX-AT/ATC



40SX

PRODUCT INTRODUCTION

Permanent magnet motor, high efficient and energy-saving: IE5 high-speed motor, large flow rate, high head, comprehensive energy saving over 30%;Dry running protection: automatically stops running when there is no water flow in;Motor overheating protection: When the motor temperature is too high, it automatically stops running;Anti jamming protection: When the impeller gets stuck due to impurities, it automatically stops running;When the float switch is malfunctioning or there is no float switch, it can also automatically shut down for protection when the lower limit is short of water;The motor can operate above the water surface without affecting the performance of the water pump.

Model	Max.power (kW)	Max.head (m)	Rated head (m)	Max.flow (m³/h)	Rated flow (m³/h)	Voltage (v)	Frequency (Hz)	Outlet Size(″)
50SX-8-6-370AT	370	10	6	14	8	220±15%	50/60	1½″ /2″
50SX-10-7-550AT	550	14	7	17	10	220±15%	50/60	1½″ /2″
50SX-12-8-750AT	750	15	8	18	12	220±15%	50/60	1½″ /2″
50SX-12-12-1100AT	1100	20	12	21	12	220±15%	50/60	1½″ /2″
50SX-16-12-1500AT	1500	21	12	23	16	220±15%	50/60	1½″ /2″
50SX-11-8-1100ATC	1100	16	8	16	11	220±15%	50/60	1½″ /2″
50SX-12-10-1500ATC	1500	20	10	17	12	220±15%	50/60	1½″ /2″
40SX-5-7-370AG	370	13	7	10	5	220±15%	50/60	1½″
40SX-6-8-550AG	550	16	8	11	6	220±15%	50/60	1½″
40SX-6-9-750AG	750	18	9	12	6	220±15%	50/60	1½″
40SX-8-13-1100AG	1100	26	13	13	8	220±15%	50/60	1½″
40SX-8-14-1500AG	1500	28	14	14	8	220±15%	50/60	1½″

WQ(D)

PERMANENT MAGNET FREQUENCY CONVERSION
SEWAGE SUBMERSIBLE PUMP
(ALL STAINLESS STEEL WIRE PORT)

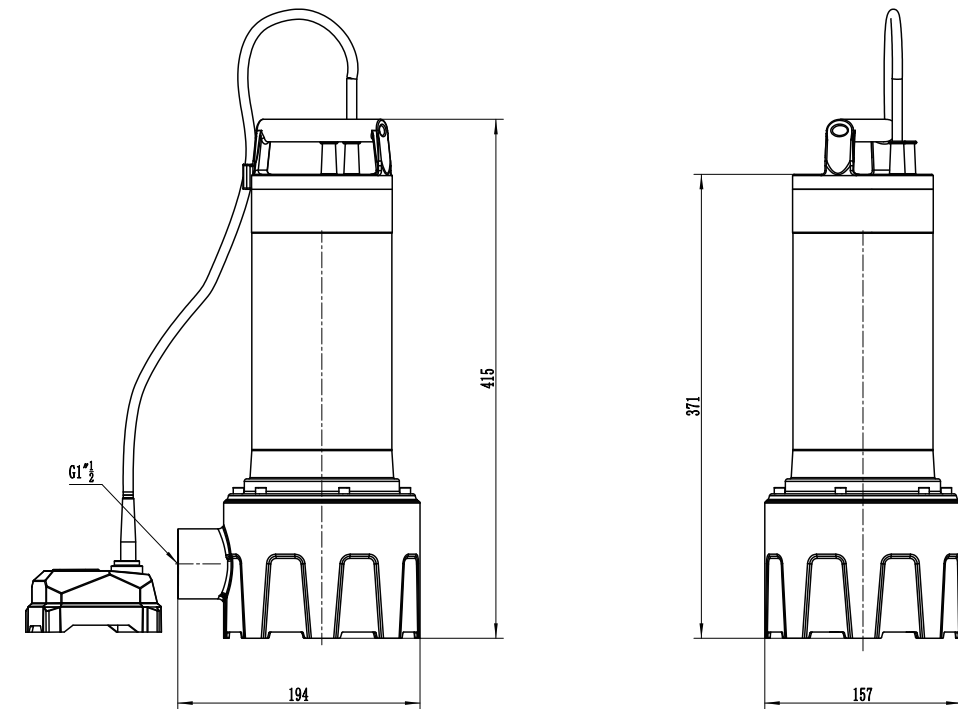


Double or multiple unit

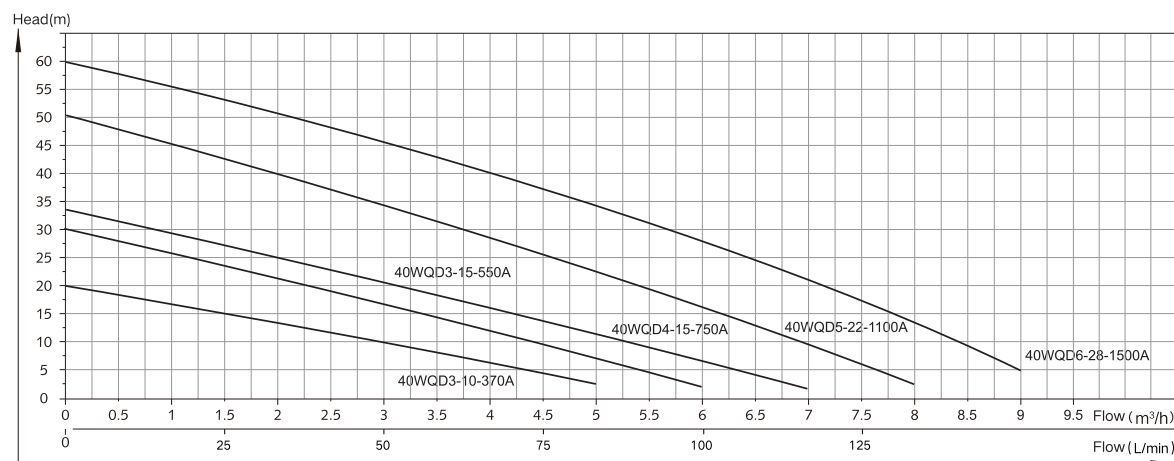
When connected with
two or more pumps
 $Q=Q1+Q2+....$
 $H=H1=H2=...$ communication cable

Only a 485 c
is needed to achieve one pump
in use and another pump in
standby mode, two pumps in use
and one in standby mode, three
pumps in use and one in standby
mode etc. free combinations to
ensure water use safety.

MODEL SIZE DIAGRAM



PERFORMANCE CURVE



PRODUCT INTRODUCTION

- 1.The oil chamber adopts a fluorine rubber with double-end face mechanical seal, and the outer chamber adopts a single-end face fluorine rubber mechanical seal structure, it can effectively reduce the problem of water ingress caused by shaft wear due to friction between sediment and shaft .
2. Adopting precision casting pump body, it has the characteristics of light weight, corrosion resistance, energy-saving, beautiful appearance, hygiene, and environmental protection .
3. Permanent magnet motor, high efficient and energy-saving: IE5 high-speed motor, large flow rate, high head, comprehensive energy-saving over 30% .

TECHNICAL PARAMETER

Model	Power (kW)	Max.Head (m)	Max.Flow (m³/h)	Voltage (v)	Frequency (Hz)	Inlet/Outlet Size(″)
40WQD6-28-1500A	1500	60	9.5	220±20%	50/60	1 1/2″
40WQD5-22-1100A	1100	50	8	220±20%	50/60	1 1/2″
40WQD4-15-750A	750	33	7	220±20%	50/60	1 1/2″
40WQD3-15-550A	550	30	6	220±20%	50/60	1 1/2″
40WQD3-10-370A	370	20	5	220±20%	50/60	1 1/2″



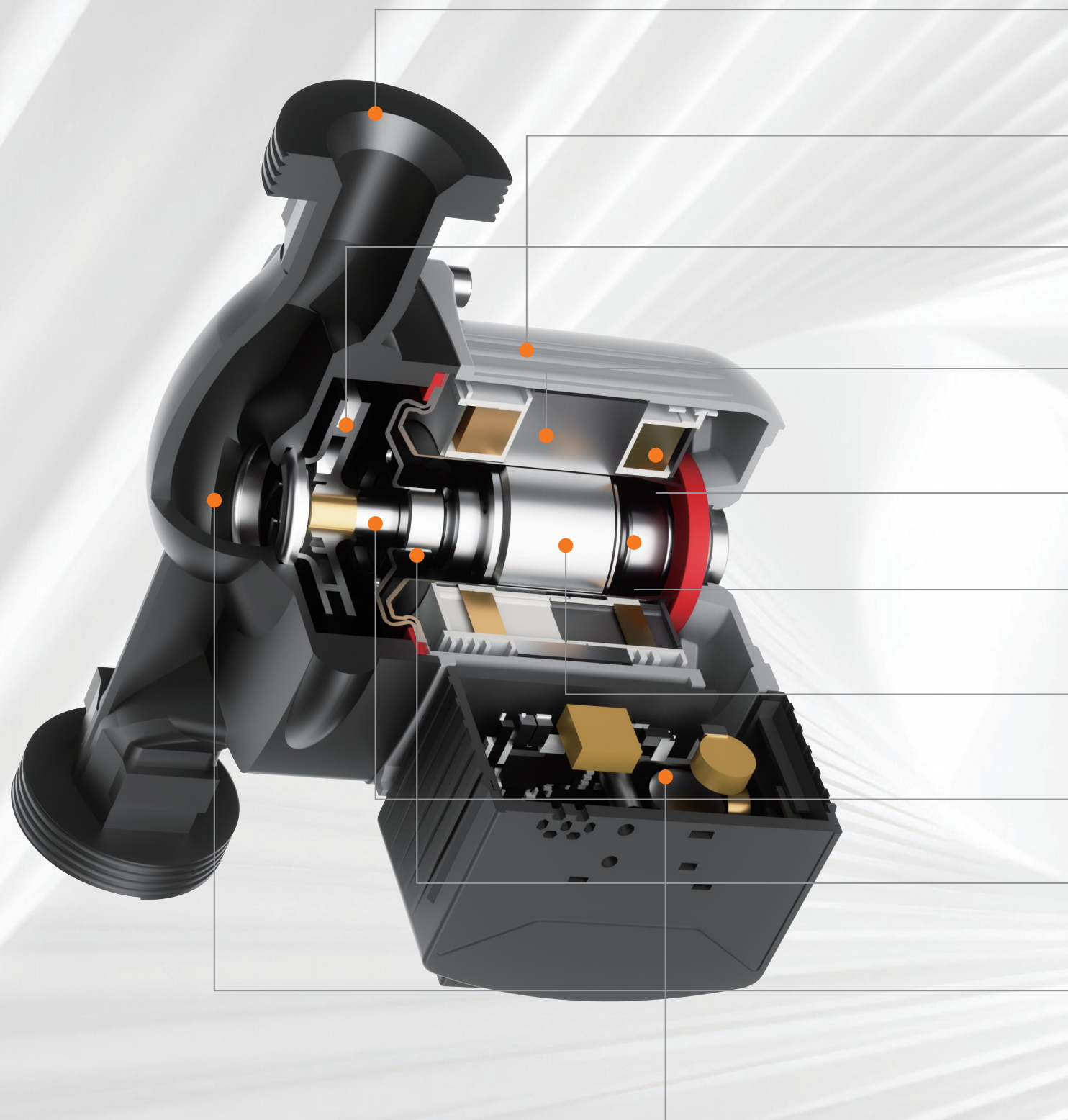
PERMANENT MAGNET VARIABLE FREQUENCY SHIELD TYPE CIRCULATING PUMP

PRODUCT INTRODUCTION

The pump apply stainless steel shielding sleeve to completely separate the water from the coil without the need for mechanical sealing, thus completely solving the problem of water leakage in the pump; Silent, leak free, vibration free, long service life and maintenance free are the biggest characteristics. This pump is applicable to the cold and hot water booster circulating pump below 100 °C, especially when the gas shower is difficult to ignite due to insufficient water pressure or the water pressure is unstable and easy to shut down, so the installation of this pump can completely solve the problem; Boost water supply when tap water pressure is too low; Pressure boost water supply by air energy and solar water heaters; Low water pressure household laundry machine and water supply facilities; Boiler hot water circulating pressure boost; Industrial equipment liquid pressure boost circulation.



PERMANENT MAGNET VARIABLE FREQUENCY CONSTANT PRESSURE SHIELD TYPE CIRCULATING PUMP



Pump body can be of stainless steel , brass, or cast iron for choice, suitable for different media

Aluminum shell motor, lightweight, non-corrosive, good heat dissipation, low temperature rise

PEI high-temperature resistant impeller, suitable for the HVAC industry

470 silicon steel sheet, low iron loss, high efficiency, low temperature rise

180 enameled wire, H-grade insulation, high temperature resistance, non burning motor

Water lubricated bearings, no friction, no noise, long service life

Rare earth permanent magnet motor rotor, motor efficiency exceeding IE5, small size, light weight

Ceramic shaft, no wear, high temperature resistance

Shielding structure, no leakage

Efficient flow channel design, $EEL \leq 0.23$ -part3, compliant with ERP2015 directive

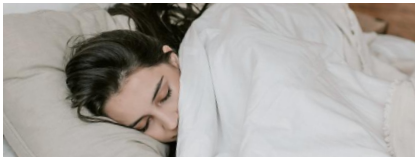
Intelligent permanent magnet variable frequency controller, multiple protections, advanced algorithms, efficient operation, adaptive to various working conditions



PERMANENT MAGNET VARIABLE FREQUENCY
SHIELD TYPE CIRCULATING PUMP

SCOPE OF APPLICATION

- 1. The conveying medium shall not contain solid impurities with a volume ratio of more than 0.1% and a particle size no more than 0.2mm;
- 2. PH value of transmission medium: 6.5~8.5;
- 3. Environmental conditions: 0 °C - 40 °C, relative humidity ≤ 85%, dry places without dust;
- 4. Working voltage: the voltage fluctuation shall not exceed ± 10% of the rated voltage.



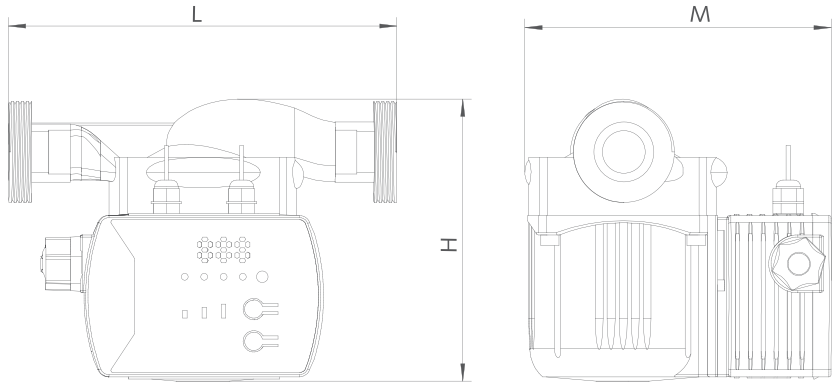
Low noise

30 dB

Model	Max.power (w)	Min.power (w)	Max.head (m)	Max.flow (L/min)	Speed (r/min)	Voltage (v)	Frequency (Hz)	Inlet/outlet diameter	Inlet/Outlet thread(in)
HBF15-6	45	5	6	28	Speed Adjustable	220~240	50/60	DN15	¾"
HBF20-6	45	5	6	48		220~240	50/60	DN20	1"
HBF25-6	45	5	6	51		220~240	50/60	DN25	1½"
HBF32-6	45	5	6	63		220~240	50/60	DN32	2"
HBF15-10	90	5	10	40	Speed Adjustable	220~240	50/60	DN15	¾"
HBF20-10	90	5	10	60		220~240	50/60	DN20	1"
HBF25-10	90	5	10	65		220~240	50/60	DN25	1½"
HBF32-10	90	5	10	86		220~240	50/60	DN32	2"
HBF15-12	120	5	12	43	Speed Adjustable	220~240	50/60	DN15	¾"
HBF20-12	120	5	12	70		220~240	50/60	DN20	1"
HBF25-12	120	5	12	73		220~240	50/60	DN25	1½"
HBF32-12	120	5	12	95		220~240	50/60	DN32	2
HBF15-16	180	5	16	50	Speed Adjustable	220~240	50/60	DN15	¾"
HBF20-16	180	5	16	80		220~240	50/60	DN20	1"
HBF25-16	180	5	16	83		220~240	50/60	DN25	1½"
HBF32-16	180	5	16	103		220~240	50/60	DN32	2"

PERMANENT MAGNET VARIABLE FREQUENCY
SHIELD TYPE CIRCULATING PUMP

MODEL SIZE DIAGRAM



Model	L(mm)	M(mm)	H(mm)
HBF15-6	130	137.5	131
HBF20-6	130	137.5	131
HBF25-6	130/180	142	131
HBF32-6	130/180	142	131
HBF15-10	130	137.5	131
HBF20-10	130	137.5	131
HBF25-10	130/180	142	131
HBF32-10	130/180	142	131
HBF15-12	130	137.5	131
HBF20-12	130	137.5	131
HBF25-12	130/180	142	131
HBF32-12	130/180	142	131
HBF15-16	130	137.5	131
HBF20-16	130	137.5	131
HBF25-16	130/180	142	131
HBF32-16	130/180	142	131

PRODUCT INTRODUCTION

The pump adopts stainless steel shield sleeve to completely separate water from coil winding without mechanical seal, so as to completely solve the problem of water leakage of the pump; Silent, no leakage, no vibration,long service life and maintenance free are the greatest features of this pump. This pump is applicable to the cold and hot water booster circulating pump below 100 °C, especially when the gas shower is difficult to ignite due to insufficient water pressure or the water pressure is unstable and easy to shut down, so the installation of this pump can completely solve the problem; Boost water supply when tap water pressure is too low; Pressure boost water supply by air energy and solar water heaters; Low water pressure household laundry Machine and water supply facilities; Boiler hot water circulating pressure boost; Industrial equipment liquid pressure boost circulation.

HB

PERMANENT MAGNET VARIABLE FREQUENCY SHIELD TYPE CIRCULATING PUMP



PRODUCT INTRODUCTION

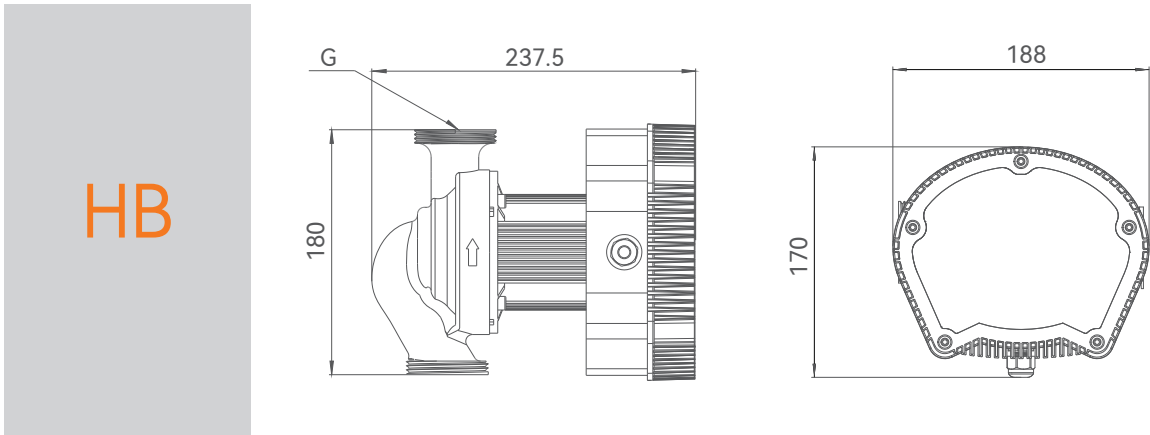
This product is mainly used as a matching device for air thermal water pumps, which can save more than 30% of the overall energy of air thermal water pumps. It can also be used for water heater pressurization and low-pressure household washing machine water supply matching; Boiler hot water circulation pressurization; Industrial equipment liquid pressurization circulation.

TECHNICAL PARAMETERS

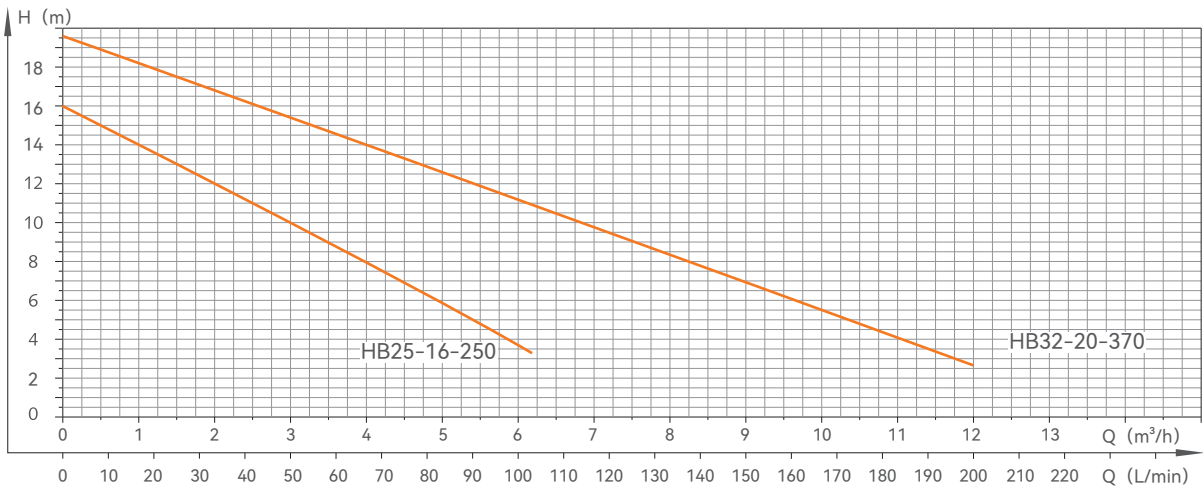
Model	HB25-16-250	HB32-20-370
Max.Power (W)	250	370
Max.Head (m)	16	20
Max.Flow (m³/h)	6	12
Voltage (V)	220±15%	220±20%
Frequency (Hz)	50/60	50/60
Inlet&Outlet Diameter G(″)	1½	2
It is recommended to match the host machine	Within 10 horsepower	Within 20 horsepower

PERMANENT MAGNET VARIABLE FREQUENCY SHIELD TYPE CIRCULATING PUMP

MODEL SIZE DIAGRAM



PERFORMANCE CURVE



HB

PERMANENT MAGNET VARIABLE FREQUENCY SHIELD TYPE CIRCULATING PUMP



PRODUCT INTRODUCTION

1. Low noise, no leakage, anti condensation
2. Night mode automatic adjustment function
3. Adaptive control mode, suitable for most situations
4. Compliant with European EUP2015 directive $EEL \leq 0.23$
5. Permanent magnet motor, intelligent variable frequency control, efficient and energy-saving by 30%

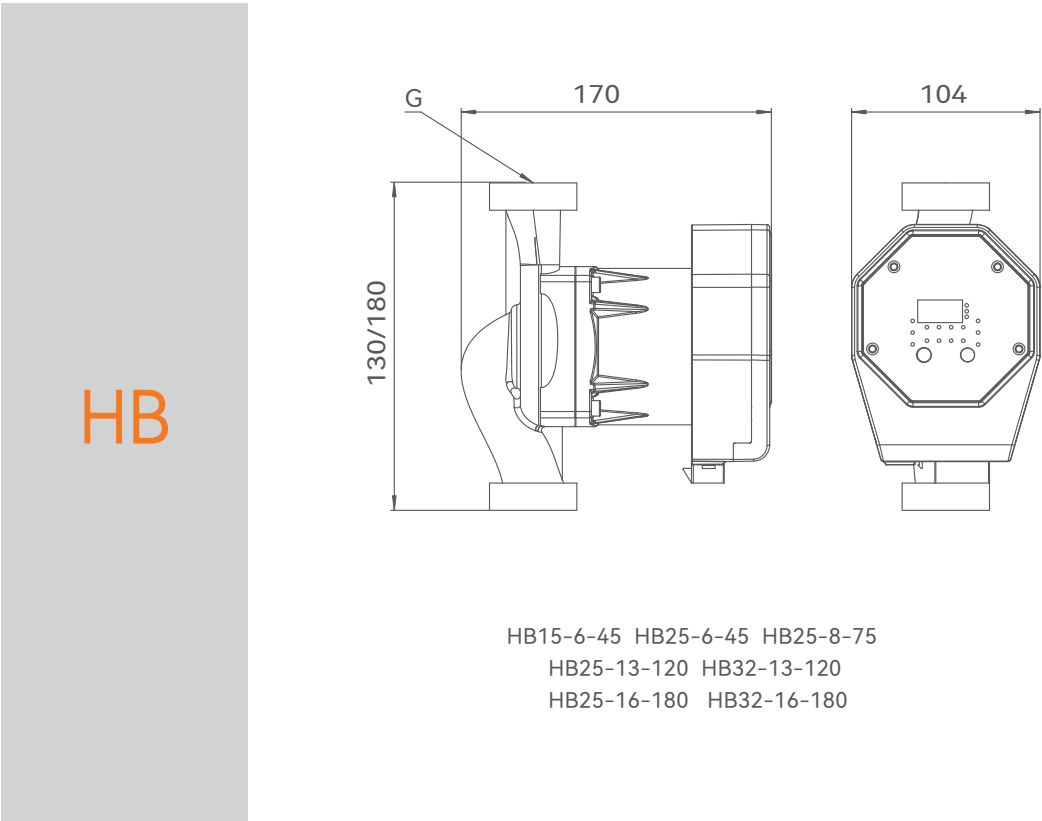
This product is mainly used as a matching device for air thermal water pumps, which can save more than 30% of the overall energy of air thermal water pumps. It can also be used for water heater pressurization andlow-pressure household washing machine water supply matching; Boiler hot water circulation pressuriza-tion; Industrial equipment liquid pressurization circulation.

TECHNICAL PARAMETERS

Model	MaxPower (w)	Max.Head (m)	Max.Flow (m³/h)	Voltage (v)	Frequency (Hz)	Inlet/Outlet thread G (″)	It is recommended to match the host machine
HB15-6-45	45	6	3.5	220±15%	50/60	1	Within 3 horsepower
HB25-6-45	45	6	3.5	220±15%	50/60	1½	Within 3 horsepower
HB25-8-75	75	8	4.5	220±15%	50/60	1½	Within 3 horsepower
HB25-13-120	120	13	6.5	220±15%	50/60	1½	Within 6 horsepower
HB32-13-120	120	13	7.5	220±15%	50/60	2	Within 6 horsepower
HB25-16-180	180	16	8.5	220±15%	50/60	1½	Within 8 horsepower
HB32-16-180	180	16	9	220±15%	50/60	2	Within 8 horsepower
HB25-18-280	280	18	9.5	220±15%	50/60	1½	Within 10 horsepower
HB32-18-280	280	18	10	220±15%	50/60	2	Within 10 horsepower
HB25-20-360	360	20	11	220±15%	50/60	1½	Within 15 horsepower
HB32-20-360	360	20	12	220±15%	50/60	2	Within 15 horsepower

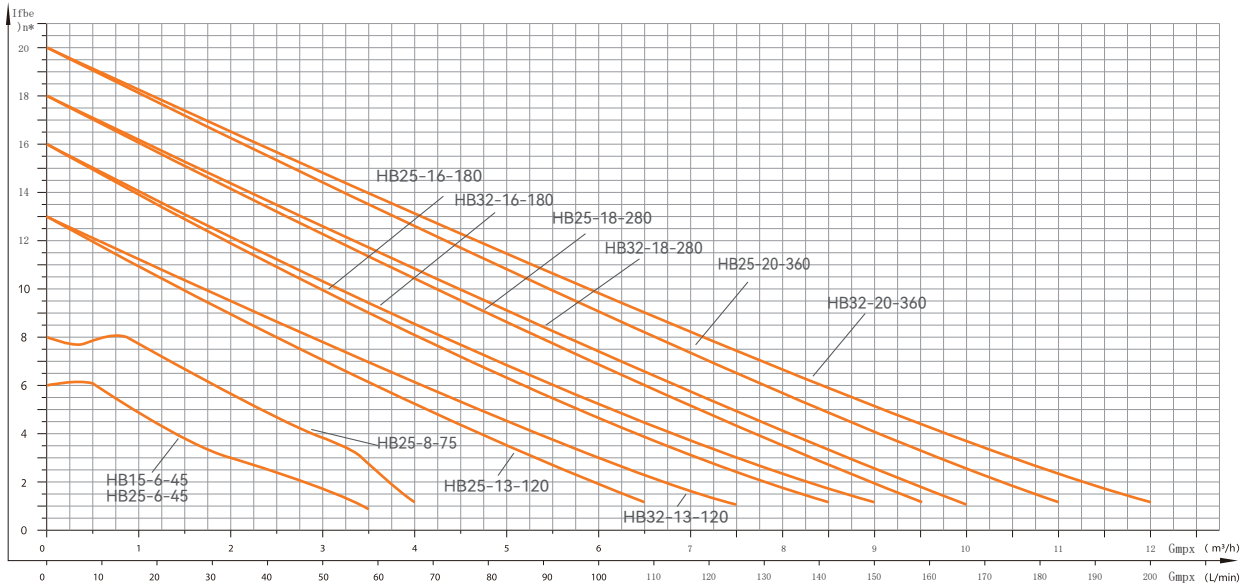
PERMANENT MAGNET VARIABLE FREQUENCY SHIELD TYPE CIRCULATING PUMP

MODEL SIZE DIAGRAM



HB15-6-45 HB25-6-45 HB25-8-75
HB25-13-120 HB32-13-120
HB25-16-180 HB32-16-180

PERFORMANCE CURVE





PERMANENT MAGNET VARIABLE FREQUENCY
SHIELD TYPE CIRCULATING PUMP



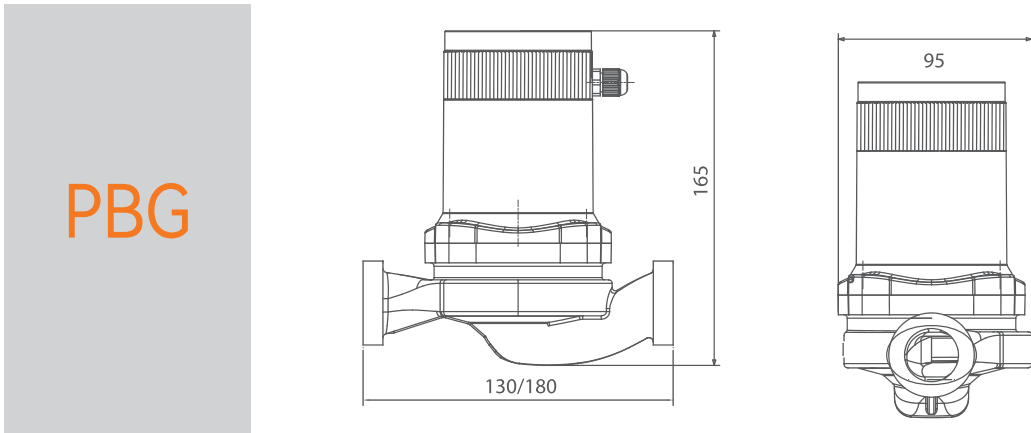
PRODUCT INTRODUCTION

The pump adopts stainless steel shield sleeve to completely separate water from coil winding without mechanical seal, so as to completely solve the problem of water leakage of the pump; Silent, no leakage, no vibration, long service life and maintenance free are the greatest features of this pump.

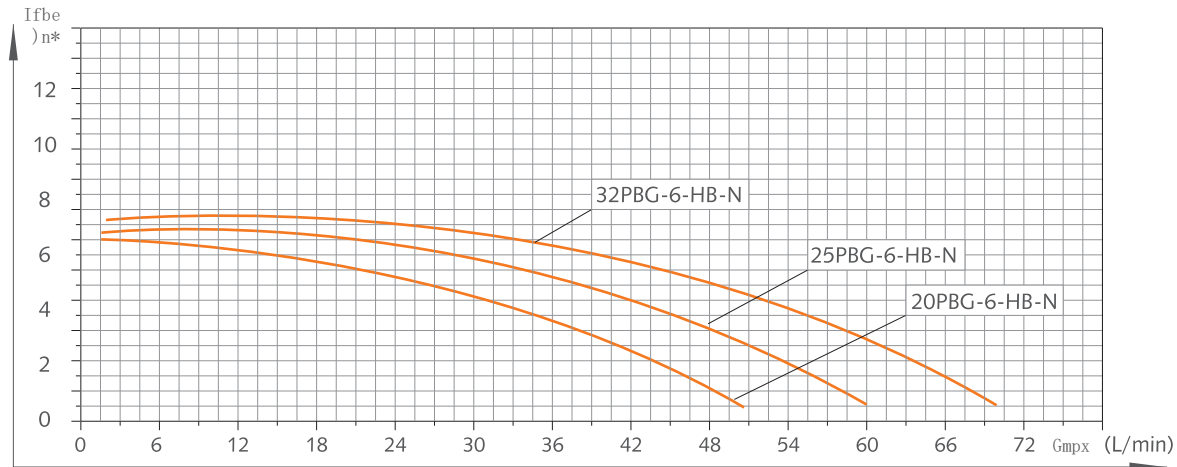
Model	20PBG-6-HB-N	25PBG-6-HB-N	32PBG-6-HB-N
Min.Power (W)	5	5	5
Max.Power (W)	45	45	45
Max.Head (m)	6	6	6
Max.Flow (L/min)	50	60	70
Speed (r/min)	Speed Adjustable	Speed Adjustable	Speed Adjustable
Voltage (V)	220±20%	220±20%	220±20%
Frequency (Hz)	50/60	50/60	50/60
Inlet&Outlet Diameter (")	DN20	DN25	DN32

PERMANENT MAGNET VARIABLE FREQUENCY
SHIELD TYPE CIRCULATING PUMP

MODEL SIZE DIAGRAM



PERFORMANCE CURVE



PBG

SHIELD TYPE COOL&HOT WATER CIRCULATING AUTOMATIC BOOSTING PUMP



15PBG-9-N
15PBG-10-N

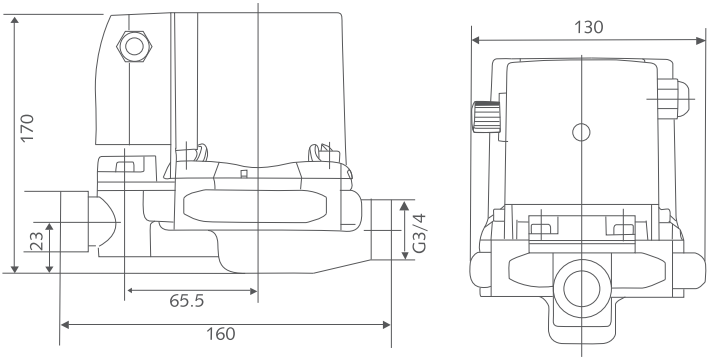


20PBG-15-N

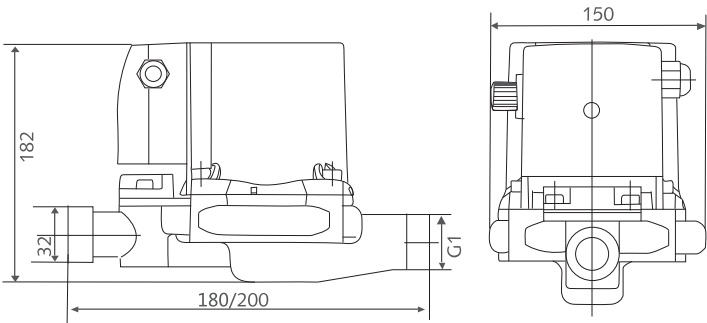
Model	15PBG-9-N	15PBG-10-N	20PBG-15-N
Power (W)	120	150	320
Max.Head (m)	9	10	15
Max.Flow (L/min)	40	45	75
Speed (r/min)	2800	2800	2800
Voltage (V)	220	220	220
Frequency (Hz)	50	50	50
Inlet&Outlet Diameter (")	DN15	DN15	DN20

SHIELD TYPE COOL&HOT WATER CIRCULATING AUTOMATIC BOOSTING PUMP

MODEL SIZE DIAGRAM

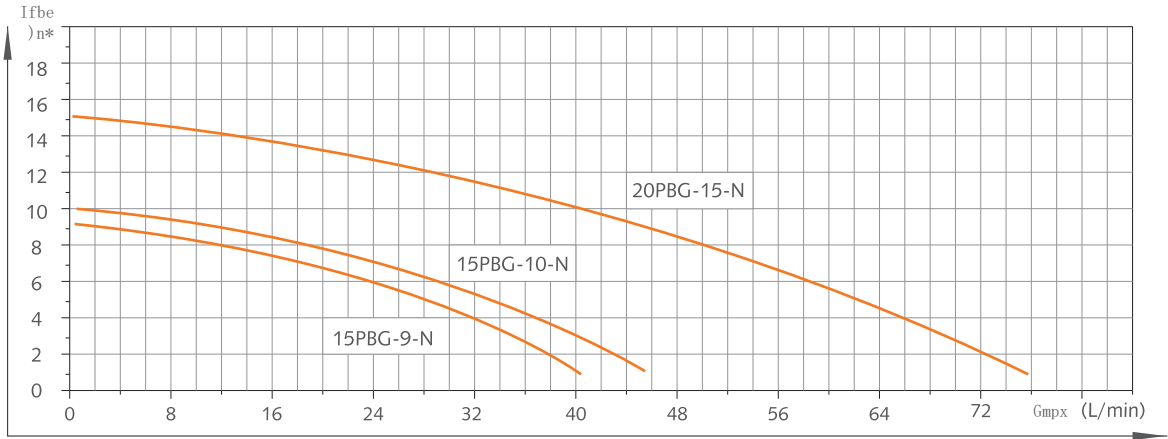


15PBG-9-N / 15PBG-10-N



20PBG-15-N

PERFORMANCE CURVE



PBG

SHIELD TYPE CIRCULATING PUMP



15PBG-6-N



15PBG-7-N



25PBG-6-N(180)



20PBG-13-N(A)



32PBG-9-N

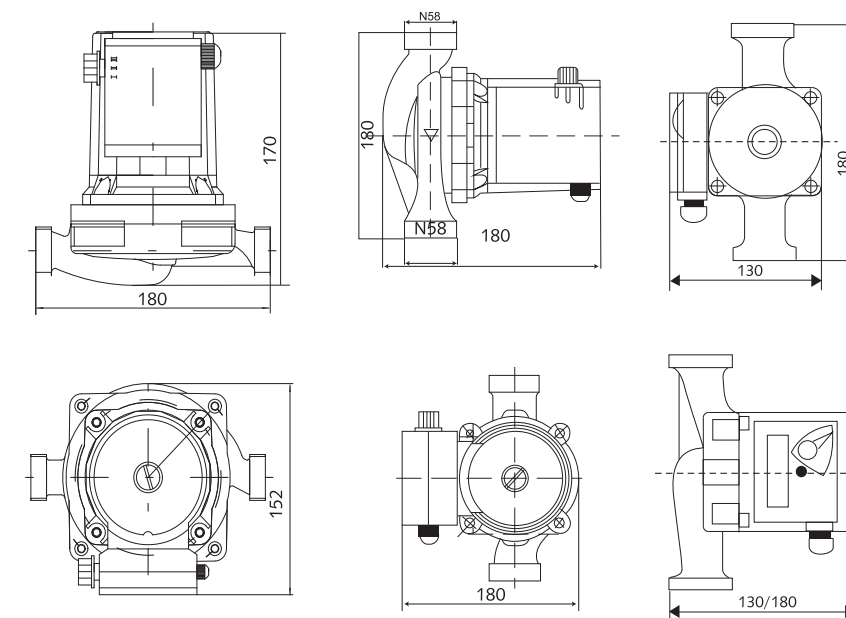


32PBG-8-N(D)

Model	Power (w)	Max.head (m)	Max.flow (L/min)	Speed (r/min)	Voltage (v)	Frequency (Hz)	Inlet/outlet diameter	Inlet/Outlet thread(in)
15PBG-6-N	100	6	40	2200	220	50	DN15	3/4"
15PBG-7-N	130	7	50	2520	220	50	DN15	3/4"
20PBG-6-N	100	6	50	2200	220	50	DN20	1"
20PBG-7-N	130	7	60	2520	220	50	DN20	1"
20PBG-8-N	220	8	80	2410	220	50	DN20	1"
20PBG-9-N	235	9	135	2680	220	50	DN20	1"
20PBG-10-N	235	10	145	2800	220	50	DN20	1"
20PBG-12-N	265	12	50	2520	220	50	DN20	1"
20PBG-13-N	280	13	65	2450	220	50	DN20	1"
20PBG-15-N	320	15	75	2450	220	50	DN20	1"
25PBG-4-N	72	4	40	2200	220	50	DN25	1 1/2"
25PBG-6-N	100	6	60	2200	220	50	DN25	1 1/2"
25PBG-7-N	130	7	75	2520	220	50	DN25	1 1/2"
25PBG-8-N	220	8	95	2410	220	50	DN25	1 1/2"
25PBG-9-N	235	9	135	2680	220	50	DN25	1 1/2"
25PBG-10-N	320	10	145	2800	220	50	DN25	1 1/2"
32PBG-4-N	72	4	60	2200	220	50	DN32	2"
32PBG-6-N	100	6	60	2200	220	50	DN32	2"
32PBG-8-N	235	8	120	2680	220	50	DN32	2"
32PBG-9-N	235	9	150	2680	220	50	DN32	2"
32PBG-10-N	320	10	165	2800	220	50	DN32	2"
40/50PBG-11	370	11	165	2800	220	50	DN40/DN50	-
40/50PBG-16	550	16	250	2800	220	50	DN40/DN50	-
40/50PBG-18	750	18	300	2800	220	50	DN40/DN50	-
40/50PBG-21	1100	21	315	2800	220	50	DN40/DN50	-
40/50PBG-23	1500	23	365	2800	220	50	DN40/DN50	-

SHIELD TYPE CIRCULATING PUMP

MODEL SIZE DIAGRAM

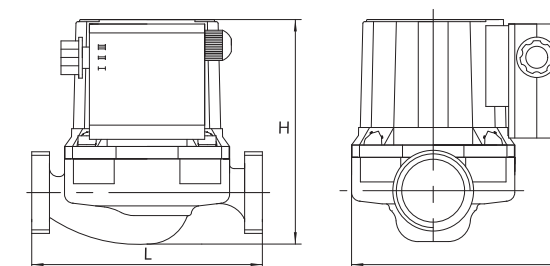


20PBG-13-N
20PBG-15-N

32PBG-9-N
32PBG-10-N

25PBG-4-N
25PBG-6-N

PBG



Model	L(mm)	M(mm)	H(mm)
15PBG-6-N	130	122	126
20PBG-6-N	130	122	126
25PBG-6-N	130/180	122	126
15PBG-7-N	130	122	136
20PBG-7-N	130	122	136
25PBG-7-N	130/180	122	136
20PBG-8-N	160/180	136	166
25PBG-8-N	160/180	136	166
32PBG-8-N	180	154	191
32PBG-4-N	180	122	126
32PBG-6-N	180	122	126

success cases

