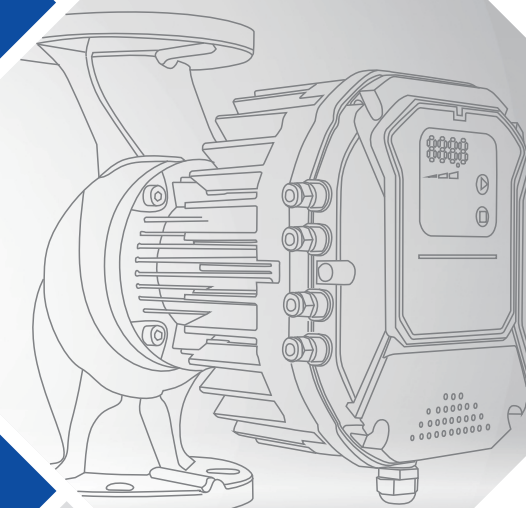


Circulation Pump



Variable Frequency
Booster Pump





GROWTH COURSE

Since 2008-2025

- 2008** Founded Zhejiang Wigo Pump Co., Ltd and started producing normal 3 speed circulation pump
- 2010** Started producing high efficiency circulation pump
- 2015** Developed magnet levitation circulation pump
- 2018** Developed inverter booster pump
- 2019** Moved into new plant, equipped with automatic robot arm production line
- 2025** Changed the company name into Zhejiang Wigo Intelligence Pump Co., Ltd



Professional
Circulation pump
Manufacturer

INTRODUCTION

ZHEJIANG WIGO INTELLIGENCE PUMP CO.,LTD was established in Daxi Town, Wenling, Zhejiang in 2008, specializing in the production and export of circulating pumps and other water pumps. The factory covers an area of over 30000 square meters .

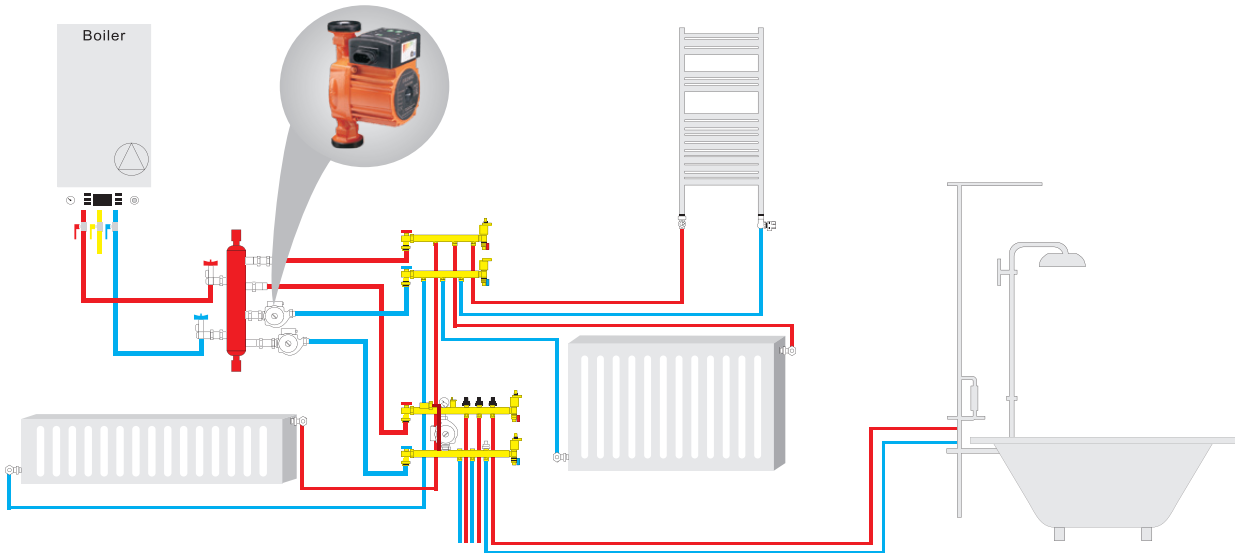
As a professional manufacturer of hot water circulation pumps, our products are at the forefront of similar products in the world, adopted the latest technology and automated production processes, focusing on building China's own famous brand. Our brand GREENPRO enjoys a high reputation in the industry.

We have a strong R&D team that is capable of independent innovation and efficient collaboration. We can accurately predict market trends ,continuously upgrade and replace the performance and functionality of old products, develop new products, enhance the technological content of products.We try out best to expand products from the mid-range market to the high-end market, meeting the special needs of customers in different markets.

Our workshop adopts an intelligent and green digital production management system. MES and ERP systems store and share data on the production processes of all products in the cloud, making it convenient for customers to control the quality of their products. For the stability of product quality, we have established a professional production automation department to develop and produce a special production automation assembly line for circulating pumps, which aims to improve production efficiency and quality stability.

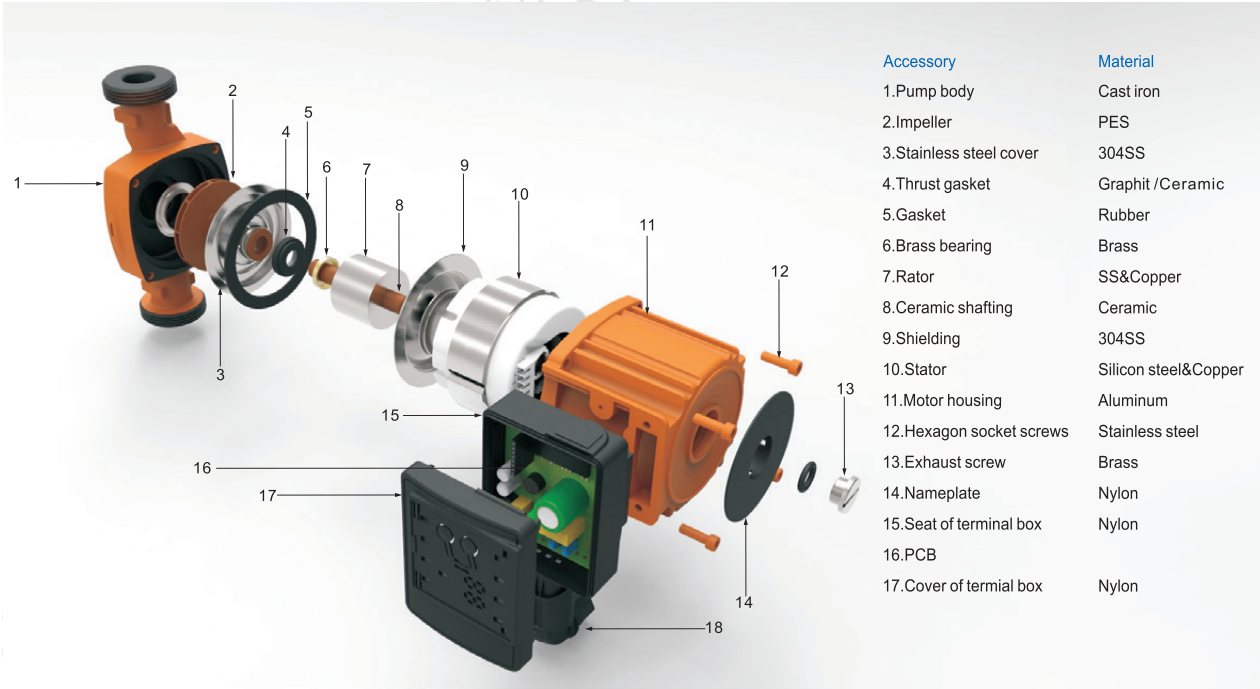
Our pump complies with various certificates, such as CE, GS, ErP, WRAS, ISO9000, ROHS, and so on.

We always adhere to the principle of striving for excellence and exploring innovation, providing customers with the best market solutions.

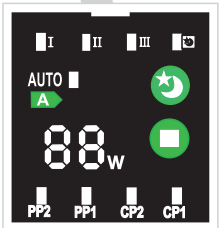


Operation condition:

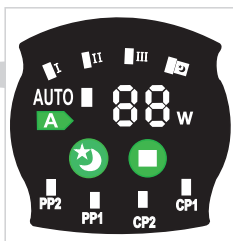
- 1. Apply to heating system
- 2. Max. system pressure:10bar
- 3. Operation condition:
 - Ambient Temperature:0°C ~40°C
 - Ambient Humidity:95%
 - Liquid Temperature:2°C~95°C
 - Ambient temperature must be lower than liquid temperature, in order to avoid condensate water produced in the interior of stator.
- 4. Liquid : Clean, non-corrosive and non-explosive liquids, without any particle ,fiber or mineral oil. Water/glycol mixtures max. mixing ratio:1:1
- 5. Dry running no more than 10min.



EA Series

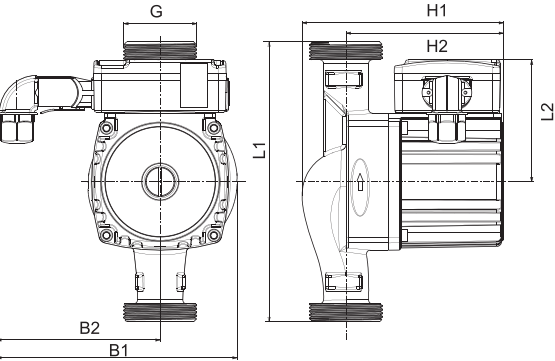


EAB Series

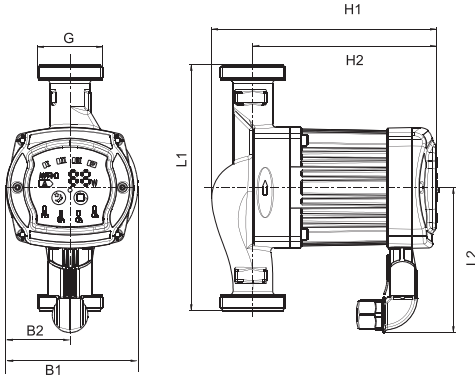


Setting	pump curve	Function
PP1	Lowest proportional-pressure curve	The duty point of the pump will move up or down on the lowest proportional-pressure curve, depending on heating demand.The head(pressure is reduced at falling heating demand and increased at rising heating demand)
PP2	Highest proportional-Pressure curve	The duty point of the pump will move up or down on the highest proportional-pressure curve, depending on heating demand.The head(pressure is reduced at falling heating demand and increased at rising heating demand)
CP1	Lowest constant-Pressure curve	The duty point of the pump will move out or in constant-pressure curve, depending on the heating demand.The head (pressure) is kept constant, irrespective of the heating demand.
CP2	Highest constant-Pressure curve	The duty point of the pump will move out or in constant-pressure curve, depending on the heating demand. The head (pressure) is kept constant, irrespective of the heating demand.
III	Speed III	Pump runs at a constant speed and consequently on a constant curve.In speed III, the pump is set to run on the Max. curve under all operating conditions. Quick venting of the pump can be obtained by setting the pump to speed III for a short period.
II	Speed II	Pump runs at a constant speed and consequently on a constant curve.In speed II, the pump is set to run on the Medium curve under all operating conditions.
I	Speed I	Pump runs at a constant speed and consequently on a constant curve. In speed I, the pump is set to run on the Min. curve under all operating conditions.
AUTO (EX-factory Setting)		Under "AUTO"mode, the power of pump automatically be up or down according to flow of system in certain condition.
night mode		Pump runs select to night mode, after one hour the power automatically down, after two hours, it will be down lowest between 5-10watt, after seven hours, the pump auto mode eliminate and recovery to original condition.

EA Series



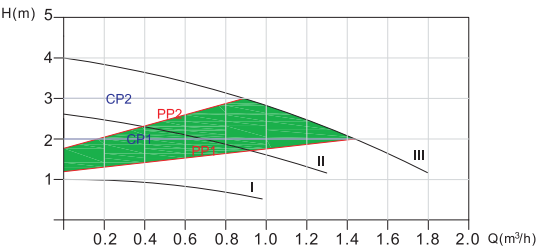
EAB Series



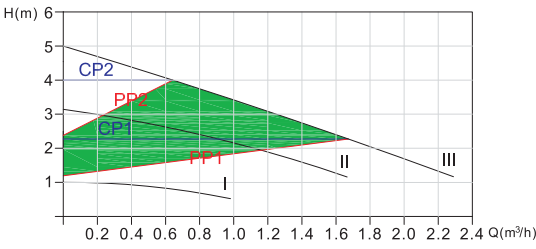
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage	Material of pump body				Dimension(mm)							Weight (Kg)	
	(W)	(m³/h)	(m)	(V)	Cast Iron	Plastic	Brass	Stainless steel	L1		L2	B1	B2	H1	H2		G
									130	180							
RS15/4EA	5~22	1.8	4	220/50	●		●	●	●		80	155	105	129	101	1"	2.1
RS25/4EA		2.6			●		●	●	●	●	80	155	105	129	101	1 1/2"	2.3
RS32/4EA		3			●					●	80	155	105	129	101	2"	2.4
RS15/5EA	5~32	2.3	5		●		●	●	●		80	155	105	129	101	1"	2.1
RS25/5EA		3.1			●		●	●	●	●	80	155	105	129	101	1 1/2"	2.3
RS32/5EA		3.4			●					●	80	155	105	129	101	2"	2.4
RS15/6EA	5~45	2.4	6		●		●	●	●		80	155	105	129	101	1"	2.1
RS25/6EA		3.6			●		●	●	●	●	80	155	105	129	101	1 1/2"	2.3
RS32/6EA		3.6			●					●	80	155	105	129	101	2"	2.4
RS15/7EA	5~47	2.7	7		●		●	●	●		80	155	105	129	101	1"	2.1
RS25/7EA		3.7			●		●	●	●	●	80	155	105	129	101	1 1/2"	2.3
RS32/7EA		3.7			●					●	80	155	105	129	101	2"	2.4
RS15/4EAB	5~22	1.8	4	220/50	●		●	●	●		106	96	46	165	136	1"	2.1
RS25/4EAB		2.6			●		●	●	●	●	106	96	46	165	136	1 1/2"	2.3
RS32/4EAB		3			●					●	106	96	46	165	136	2"	2.5
RS15/5EAB	5~32	2.3	5		●		●	●	●		106	96	46	165	136	1"	2.1
RS25/5EAB		3.1			●		●	●	●	●	106	96	46	165	136	1 1/2"	2.3
RS32/5EAB		3.4			●					●	106	96	46	165	136	2"	2.5
RS15/6EAB	5~45	2.4	6		●		●	●	●		106	96	46	165	136	1"	2.1
RS25/6EAB		3.6			●		●	●	●	●	106	96	46	165	136	1 1/2"	2.3
RS32/6EAB		3.6			●					●	106	96	46	165	136	2"	2.5
RS15/7EAB	5~47	2.7	7		●		●	●	●		106	96	46	165	136	1"	2.1
RS25/7EAB		3.7			●		●	●	●	●	106	96	46	165	136	1 1/2"	2.3
RS32/7EAB		3.7			●					●	106	96	46	165	136	2"	2.5

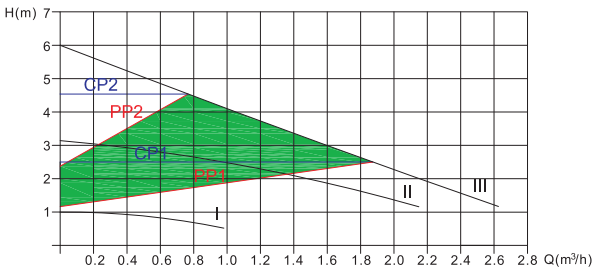
RS15/4EA(EAB)



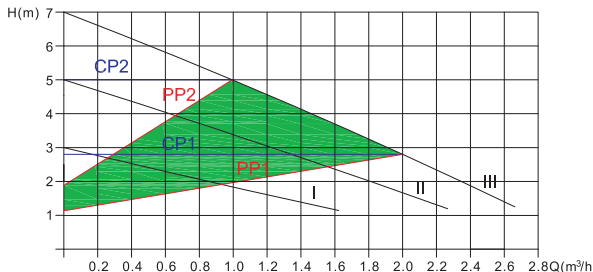
RS15/5EA(EAB)



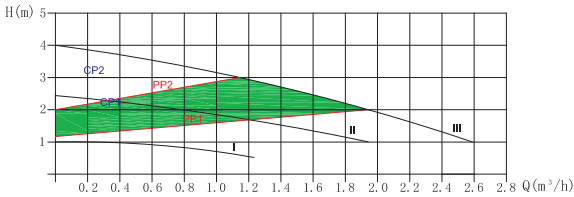
RS15/6EA(EAB)



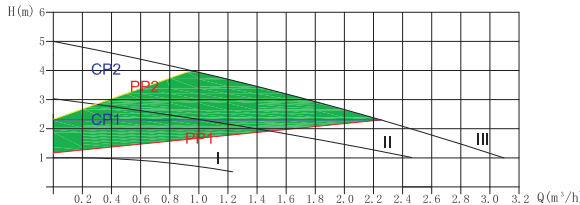
RS15/7EA(EAB)



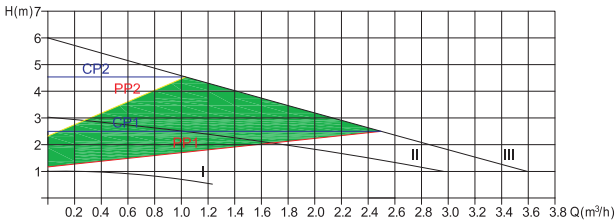
RS25/4EA(EAB)



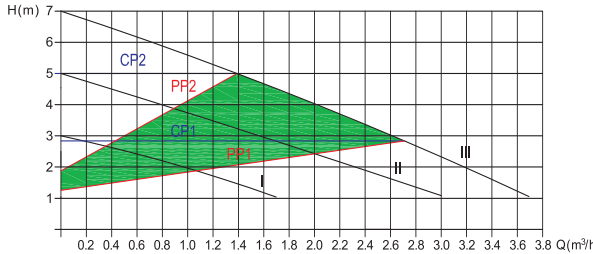
RS25/5EA(EAB)



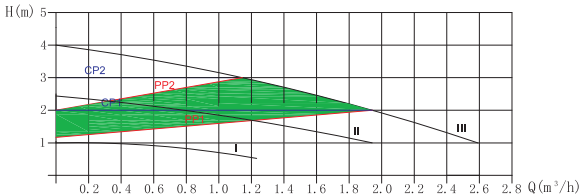
RS25/6EA(EAB)



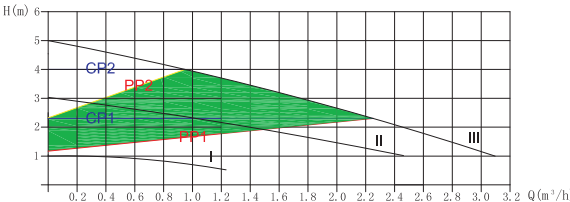
RS25/7EA(EAB)



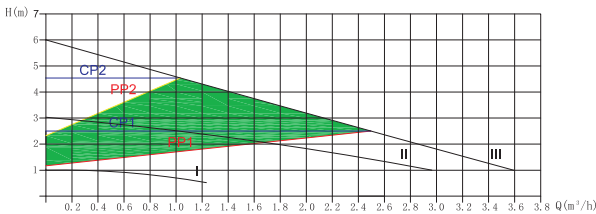
RS32/4EA(EAB)



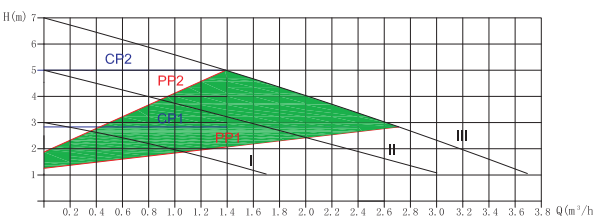
RS32/5EA(EAB)



RS32/6EA(EAB)



RS32/7EA(EAB)

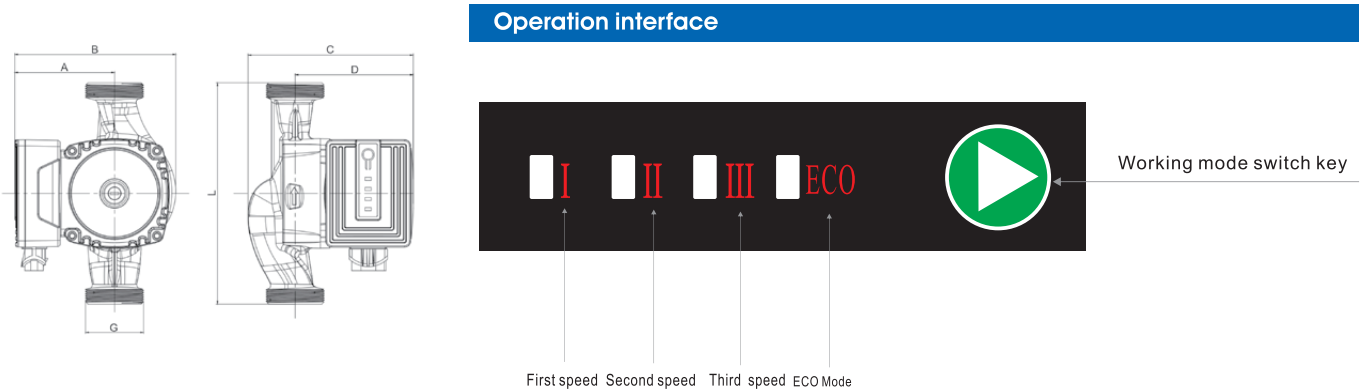




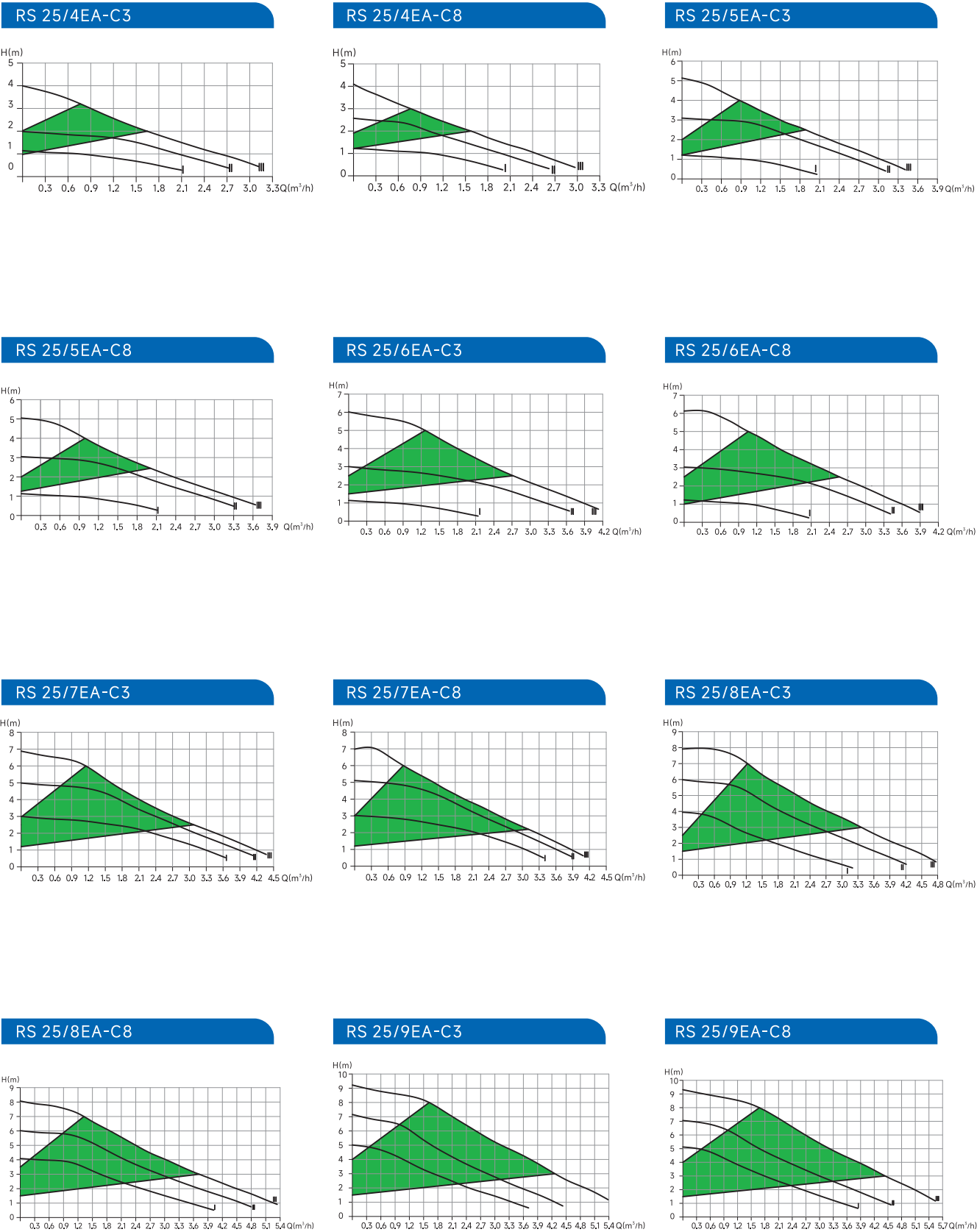
Product features
Shielding pump, variable frequency adaptive, quiet and efficient

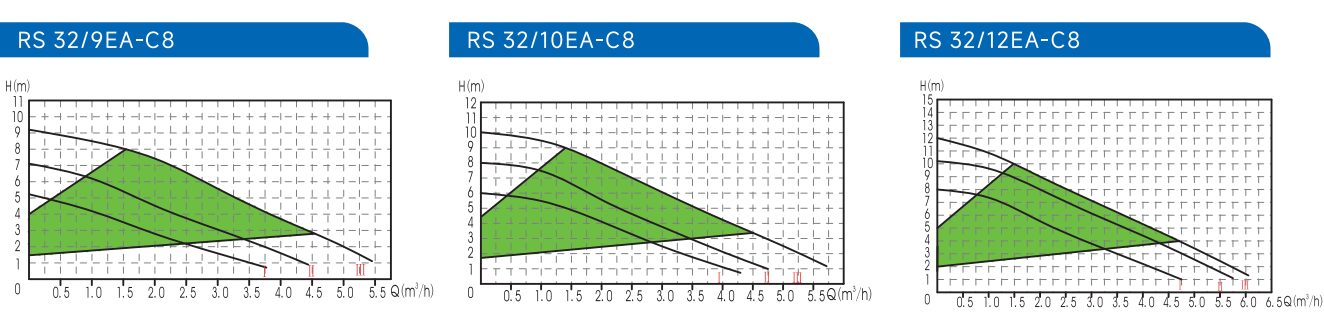
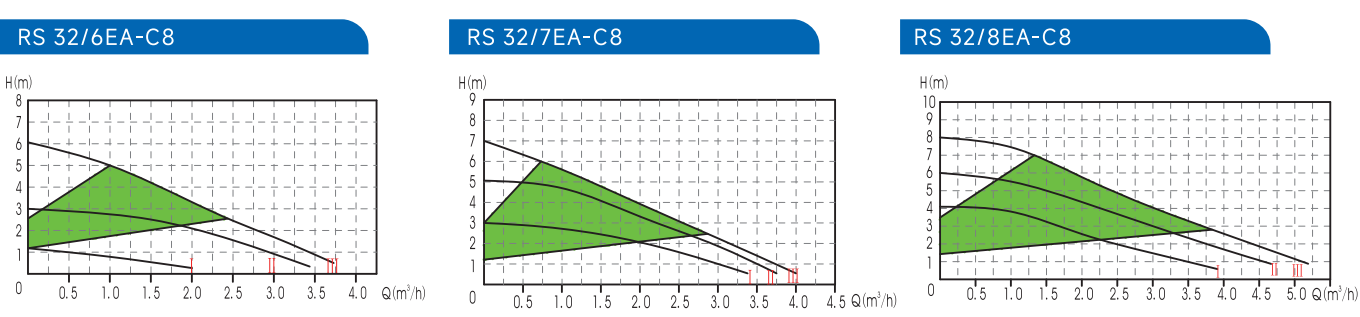
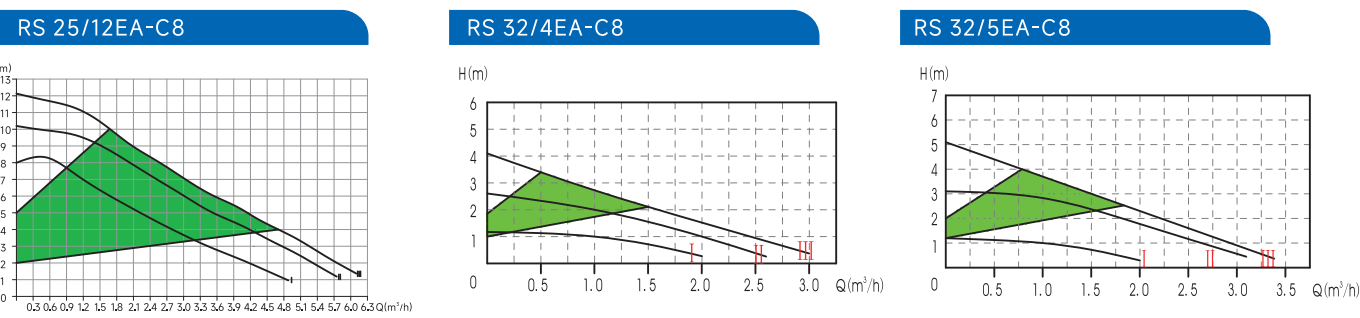
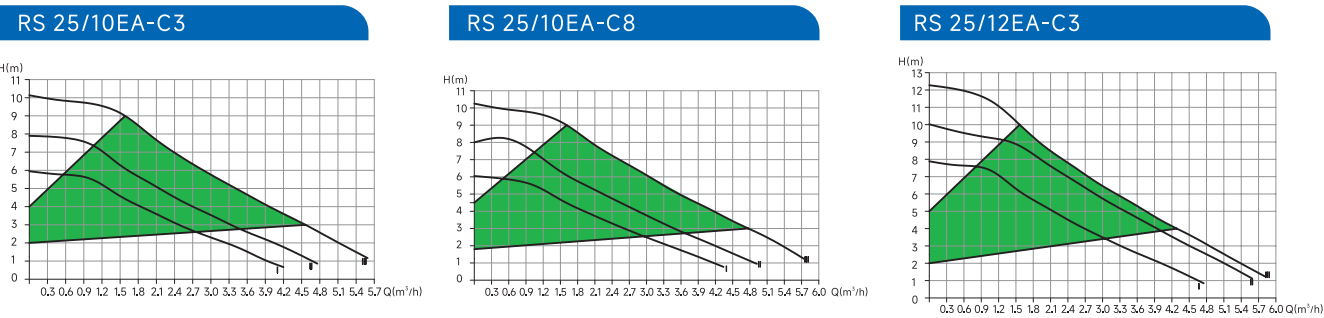
Applications
Air conditioning, refrigeration secondary system
Combined heating and circulation

Materials
Pump body: cast iron
Impeller: PES
Bearing: Ceramic
Shaft: Ceramic
Motor: International class H high temperature copper wire



Model	Power	Max.Flow	Max.Head	Voltage	Material of pump body				Dimension(mm)					
	(W)	(m³/h)	(m)		Cast Iron	Plastic	Brass	Stainless steel	G	A	B	C	D	L
RS25/4EA-C3	22	3	4	220/50	●			●	1.5	81	131	142	106	130
RS25/4EA-C8	22	3	4						1.5	81	131	135	96	180
RS32/4EA-C8	22	3	4						2	81	131	135	96	180
RS25/5EA-C3	32	3.4	5					●	1.5	81	131	142	106	130
RS25/5EA-C8	32	3.4	5						1.5	81	131	135	96	180
RS32/5EA-C8	32	3.4	5						2	81	131	135	96	180
RS25/6EA-C3	45	3.7	6					●	1.5	81	131	142	106	130
RS25/6EA-C8	45	3.7	6						1.5	81	131	135	96	180
RS32/6EA-C8	45	3.7	6						2	81	131	135	96	180
RS25/7EA-C3	52	4	7					●	1.5	81	131	142	106	130
RS25/7EA-C8	52	4	7						1.5	81	131	135	96	180
RS32/7EA-C8	52	4	7						2	81	131	135	96	180
RS25/8EA-C3	63	5.2	8					●	1.5	81	131	142	106	130
RS25/8EA-C8	63	5.2	8						1.5	81	131	135	96	180
RS32/8EA-C8	63	5.2	8						2	81	131	135	96	180
RS25/9EA-C3	90	5.4	9					●	1.5	81	131	142	106	130
RS25/9EA-C8	90	5.4	9						1.5	81	131	135	96	180
RS32/9EA-C8	90	5.4	9						2	81	131	135	96	180
RS25/10EA-C3	100	5.7	10					●	1.5	81	131	142	106	130
RS25/10EA-C8	100	5.7	10						1.5	81	131	135	96	180
RS32/10EA-C8	100	5.7	10				●		2	81	131	135	96	180
RS25/12EA-C3	120	6.1	12				●	●	1.5	81	131	142	106	130
RS25/12EA-C8	120	6.1	12				●		1.5	81	131	135	96	180
RS32/12EA-C8	120	6.1	12				●		2	81	131	135	96	180





GREENPRO®

High efficiency intelligent
Circulation Pump

CE

ISO 9001

www.greenpro.cn

ERS EA-C Series

Product features

Shielding pump, variable frequency adaptive, quiet and efficient

Applications

Air conditioning, refrigeration secondary system
Combined heating and circulation

Materials

Pump body: cast iron
Impeller: PES
Bearing: Ceramic
Shaft: Ceramic
Motor: International class H high temperature copper wire

Operation interface

Working mode switch key

Speed indicator light ECO mode

Model	Power	Max.Flow	Max.Head	Voltage	Material of pump body				Dimension(mm)						
	(W)	(m³/h)	(m)	(V)	Cast Iron	Plastic	Brass	Stainless steel	L1		A	B	C	D	G
									130	180					
ERS15/4EA-C3	5 ~ 22	2.2	4	220/50	●				●		85.3	122.5	71.5	112	1
ERS25/4EA-C3		3							●						1 1/2
ERS25/4EA-C8		3								●					1 1/2
ERS32/4EA-C8		3.3								●					2
ERS15/5EA-C3	5 ~ 32	2.8	5						●						1
ERS25/5EA-C3		3.7							●						1 1/2
ERS25/5EA-C8		3.7								●					1 1/2
ERS32/5EA-C8		3.8								●					2
ERS15/6EA-C3	5 ~ 45	3.1	6						●						1
ERS25/6EA-C3		4.2							●						1 1/2
ERS25/6EA-C8		4.2								●					1 1/2
ERS32/6EA-C8		4.3								●					2
ERS15/7EA-C3	5 ~ 52	3.3	7						●						1
ERS25/7EA-C3		4.1							●						1 1/2
ERS25/7EA-C8		4.4								●					1 1/2
ERS32/7EA-C8		4.5								●					2



Product features

Shielding pump, variable frequency adaptive, quiet and efficient

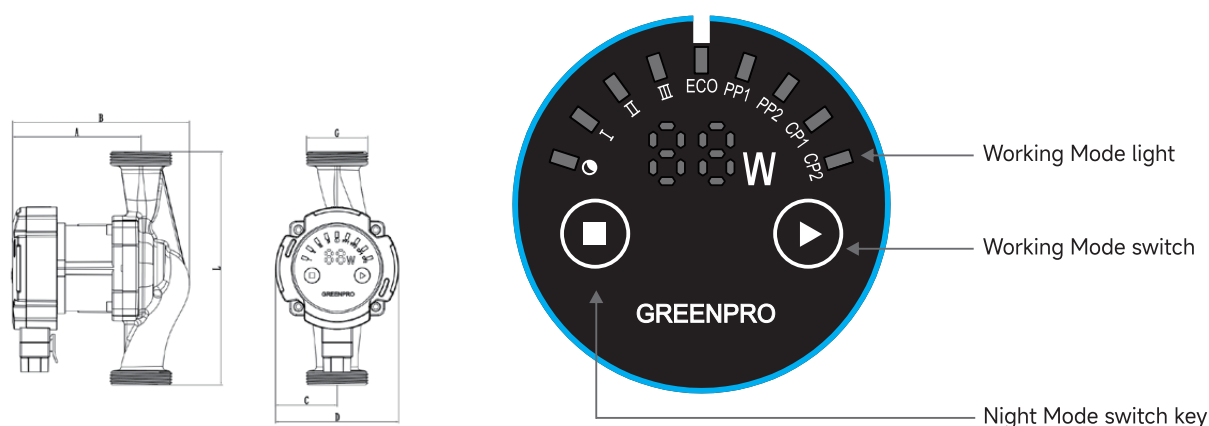
Applications

Air conditioning, refrigeration secondary system
Combined heating and circulation

Materials

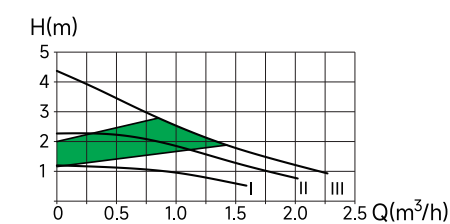
Pump body: cast iron
Impeller: PES
Bearing: Ceramic
Shaft: Ceramic
Motor: International class H high temperature copper wire

Operation interface

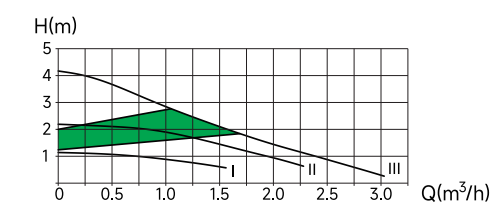


Model	Power	Max.Flow	Max.Head	Voltage	Material of pump body				Dimension(mm)						
	(W)	(m³/h)	(m)	(V)	Cast Iron	Plastic	Brass	Stainless steel	L1		A	B	C	D	G
									130	180					
ERS15/4EAB-C	5 ~ 22	2.2	4	220/50	●				●		96.8	135.8	47.4	94.8	1
ERS25/4EAB-C		3							●						1 1/2
ERS25/4EAB-C		3								●					1 1/2
ERS32/4EAB-C		3.3								●					2
ERS15/5EAB-C	5 ~ 32	2.8	5						●						1
ERS25/5EAB-C		3.7							●	1 1/2					
ERS25/5EAB-C		3.7							●	1 1/2					
ERS32/5EAB-C		3.8							●	2					
ERS15/6EAB-C	5 ~ 45	3.1	6						●						1
ERS25/6EAB-C		4.2							●	1 1/2					
ERS25/6EAB-C		4.2							●	1 1/2					
ERS32/6EAB-C		4.3							●	2					
ERS15/7EAB-C	5 ~ 52	3.3	7						●						1
ERS25/7EAB-C		4.1							●	1 1/2					
ERS25/7EAB-C		4.4							●	1 1/2					
ERS32/7EAB-C		4.5							●	2					

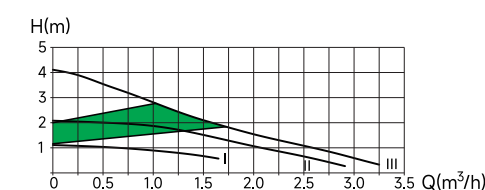
ERS 15/4EA-C3(EAB-C)



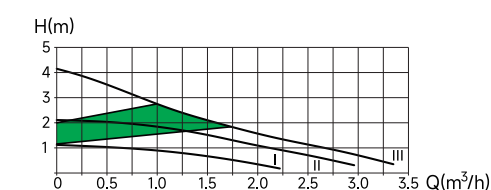
ERS 25/4EA-C3(EAB-C)



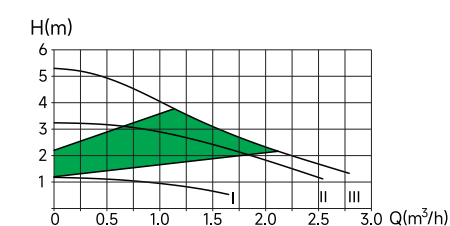
ERS 25/4EA-C8(EAB-C)



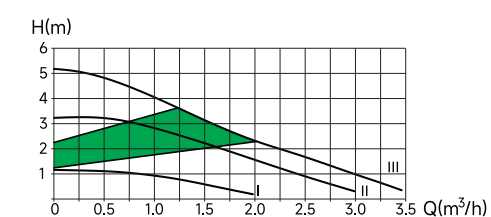
ERS 32/4EA-C8(EAB-C)



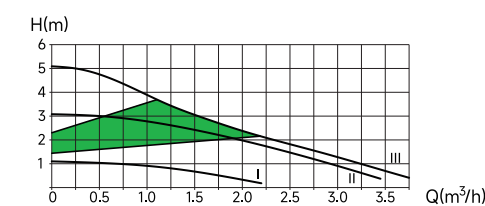
ERS 15/5EA-C3(EAB-C)



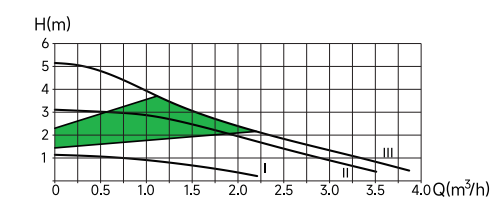
ERS 25/5EA-C3(EAB-C)



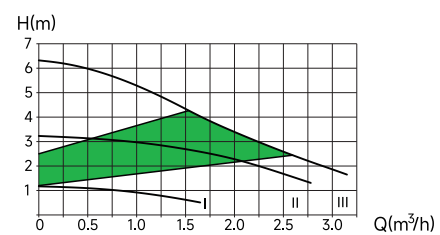
ERS 25/5EA-C8(EAB-C)



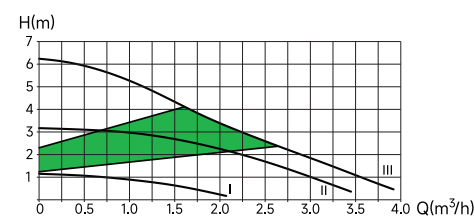
ERS 32/5EA-C8(EAB-C)



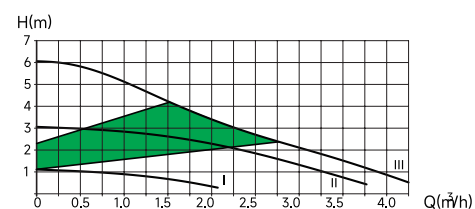
ERS 15/6EA-C3(EAB-C)



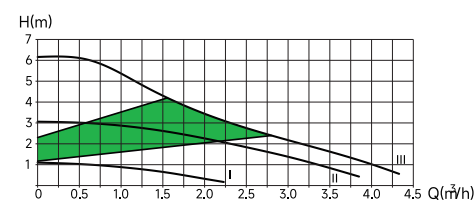
ERS 25/6EA-C3(EAB-C)



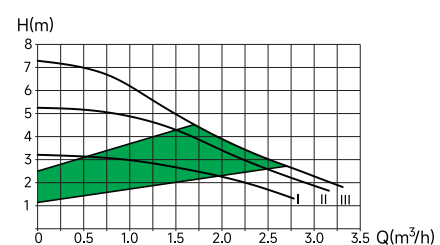
ERS 25/6EA-C8(EAB-C)



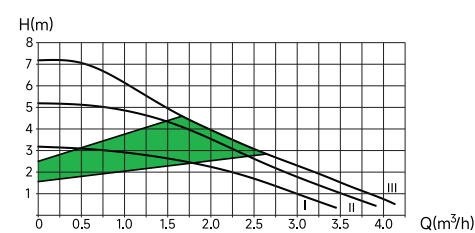
ERS 32/6EA-C8(EAB-C)



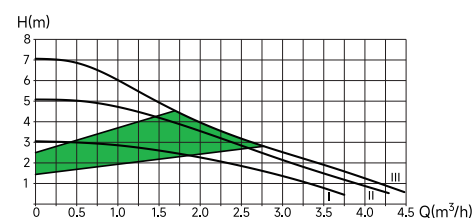
ERS 15/7EA-C3(EAB-C)



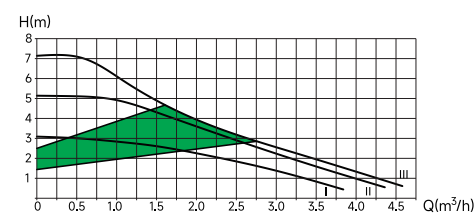
ERS 25/7EA-C3(EAB-C)



ERS 25/7EA-C8(EAB-C)



ERS 32/7EA-C8(EAB-C)



RS 25/6EAY

Product features

→ Shielding pump, variable frequency adaptive, quiet and efficient

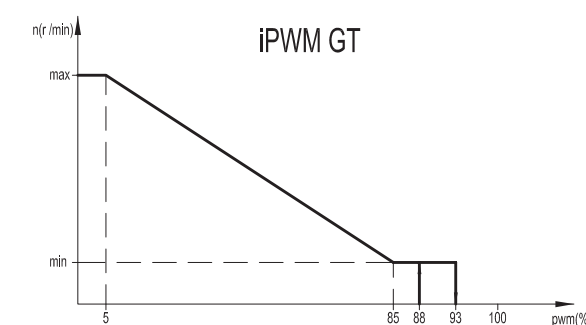
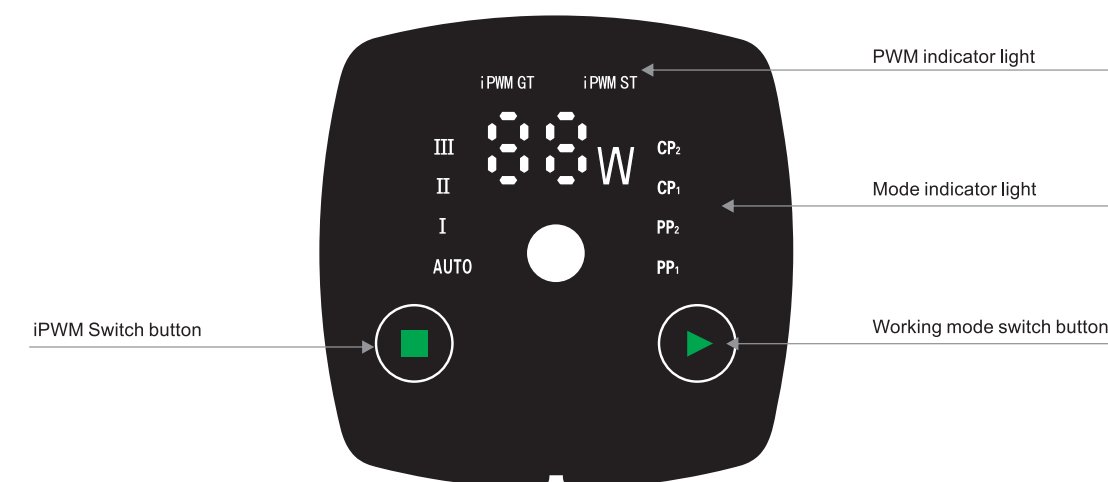
Applications

→ Air conditioning, refrigeration secondary system
→ Combined heating and circulation

Materials

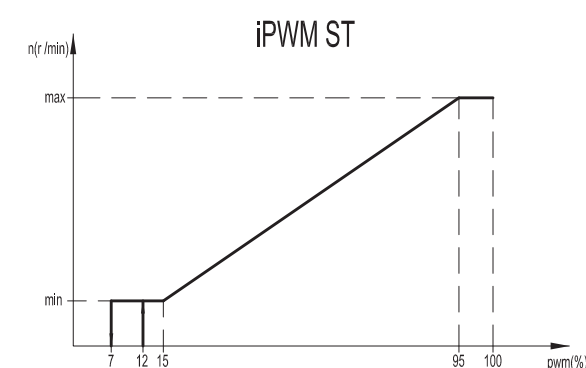
→ Pump body: cast iron
→ Impeller: PES
→ Bearing: Ceramic
→ Shaft: Ceramic
→ Motor: International class H high temperature copper wire

Operation interface



PWM sign input(%)

<5: Pump runs at max speed
5-85: Pump linear runs from max to min
85-93: Pump runs at min speed (running)
85-88: Pump runs at min speed (start)
93-100: Pump stop

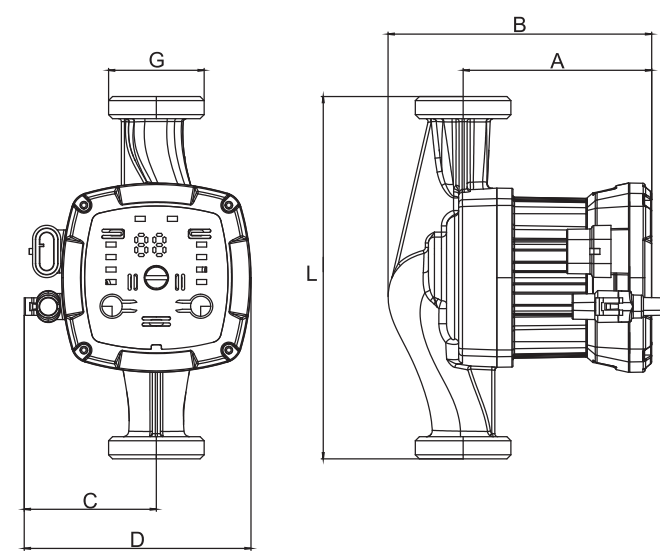


PWM sign input(%)

<5: Pump stop
7-15: Pump runs at min speed (running)
12-15: Pump runs at min speed (start)
15-90: Pump linear runs from min to max
>95: Pump runs at max speed

✿ The PWM could be customized for real application

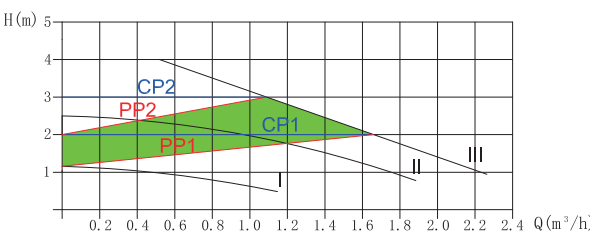
Technical Specifications



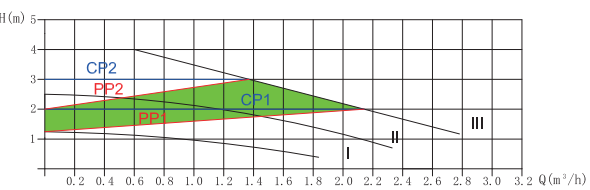
Technical parameter

MODEL	POWER	Max.Flow	Max.Head	Voltage	Body Length		Dimension(mm)				
	W	m³/h	m	V	L		A	B	C	D	G
					130	180					
RS15/4EAY-130	5-22	2.2	4	220/50	●		93.6	130.9	65.5	112.5	1
RS25/4EAY-130		2.8			●						1 1/2
RS25/4EAY-180		3				●					1 1/2
RS32/4EAY-180		3				●					2
RS15/5EAY-130	5-32	2.6	5		●						1
RS25/5EAY-130		3.2			●						1 1/2
RS25/5EAY-180		3.6				●					1 1/2
RS32/5EAY-180		3.6				●					2
RS15/6EAY-130	5-45	3	6		●						1
RS25/6EAY-130		3.6			●						1 1/2
RS25/6EAY-180		4				●					1 1/2
RS32/6EAY-180		4				●					2
RS15/7EAY-130	5-52	3.6	7		●						1
RS25/7EAY-130		3.8			●						1 1/2
RS25/7EAY-180		4.2				●					1 1/2
RS32/7EAY-180		4.2				●					2
RS15/8EAY-130		8	3.6		●						1
RS25/8EAY-130			3.8		●						1 1/2
RS25/8EAY-180			4.2			●					1 1/2
RS32/8EAY-180			4.2			●					2

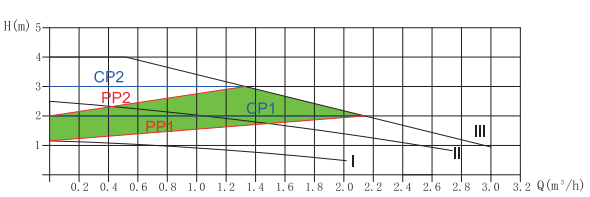
RS15/4EAY-130



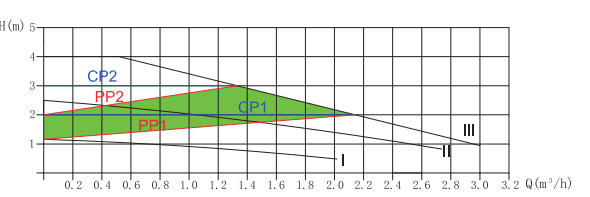
RS25/4EAY-130



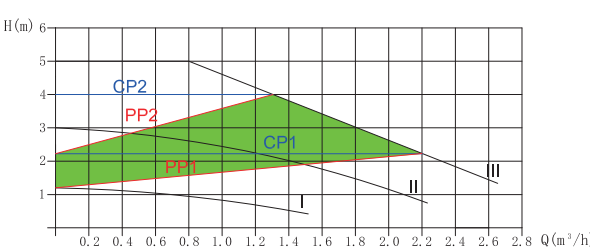
RS25/4EAY-180



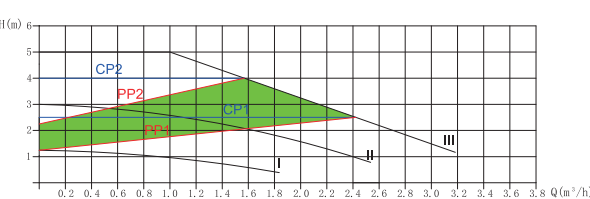
RS32/4EAY-180



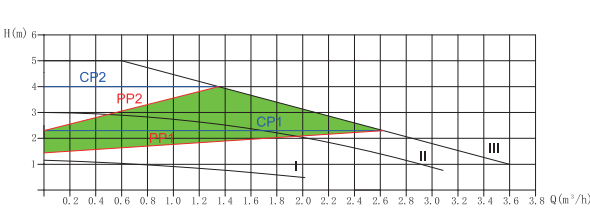
RS15/5EAY-130



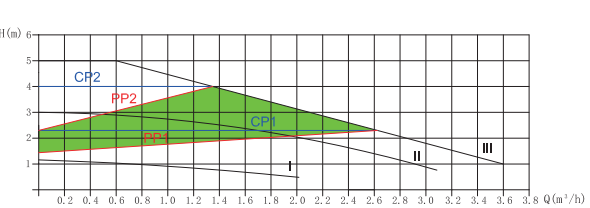
RS25/5EAY-130



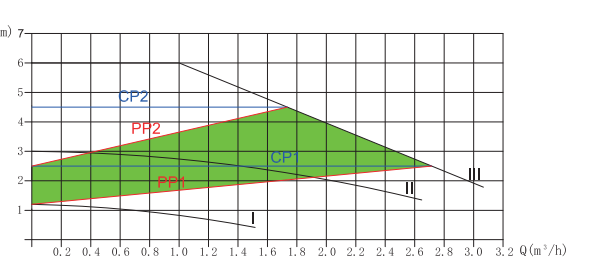
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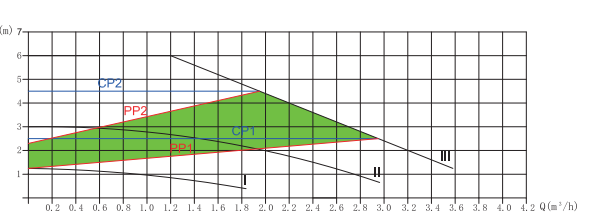
RS32/5EAY-180



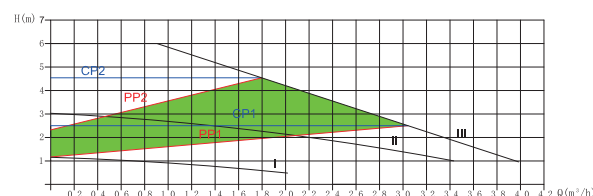
RS15/6EAY-130



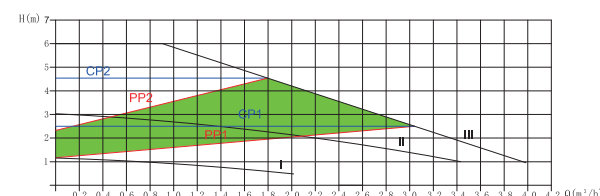
RS25/6EAY-130



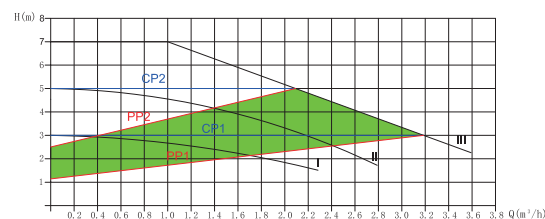
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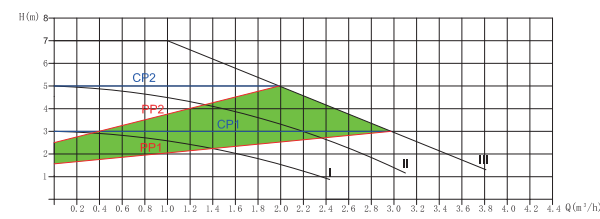
RS32/6EAY-180



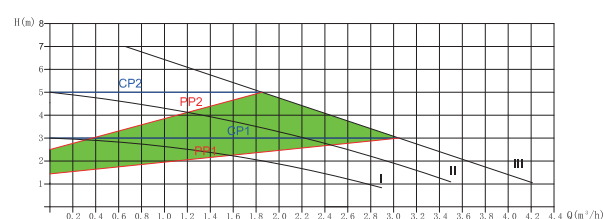
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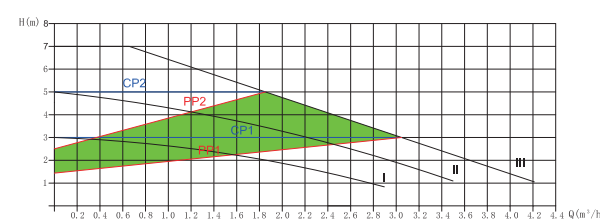
RS25/7EAY-130



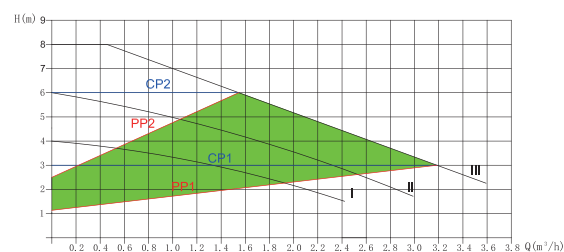
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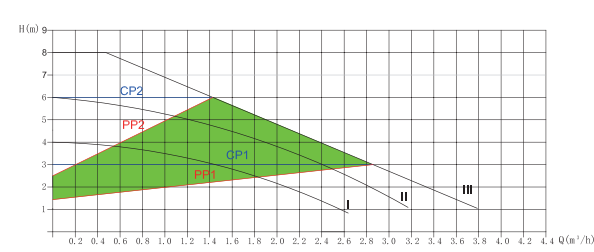
RS32/7EAY-180



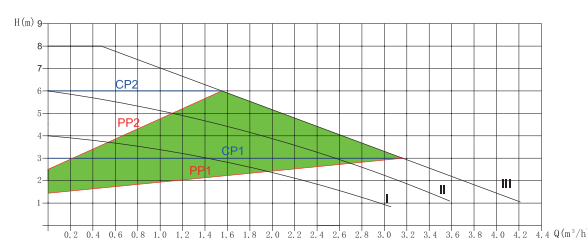
RS15/8EAY-130



RS25/8EAY-130



RS25/8EAY-180



RS EA-W



RS25/8EAY-W

Product features

- The pump body is made of stainless steel precision casting
- Touching buttons
- Shielding pump, variable frequency adaptive, quiet and efficient

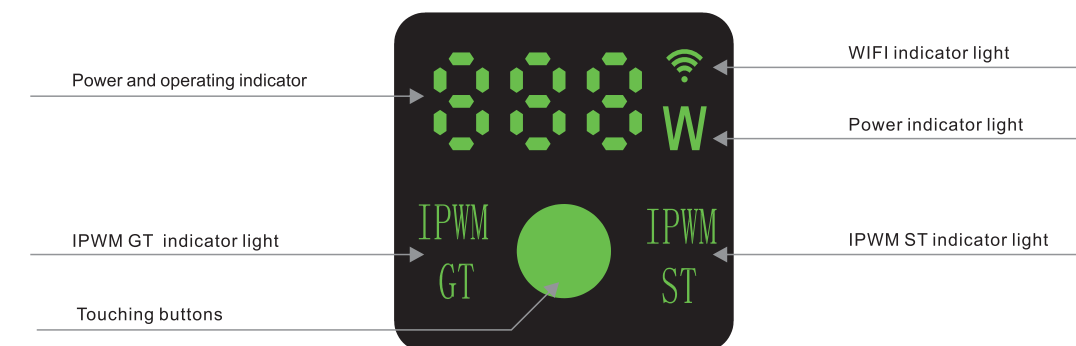
Applications

- Air conditioning, refrigeration secondary system
- Combined heating and circulation

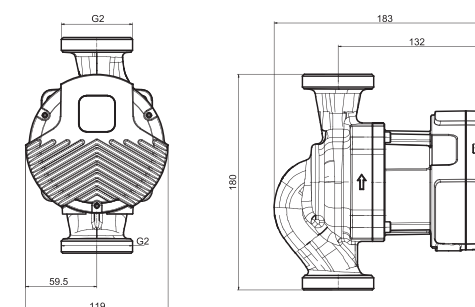
Materials

- Pump body: cast iron
- Impeller: PES
- Bearing: Ceramic
- Shaft: Ceramic
- Motor: International class H high temperature copper wire

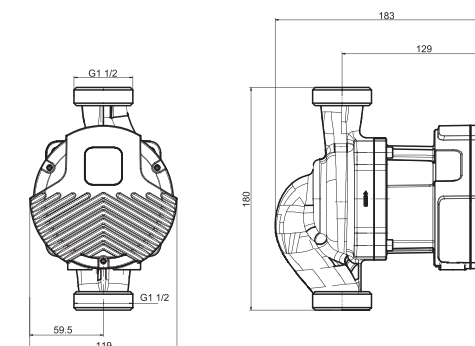
Operation interface



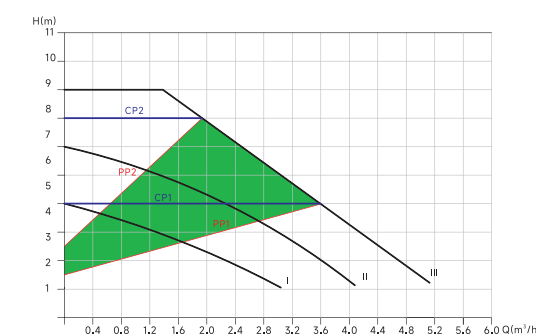
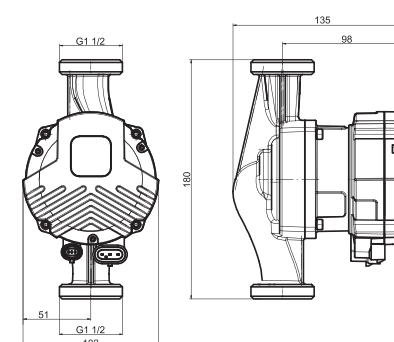
RS32/XX EA-W



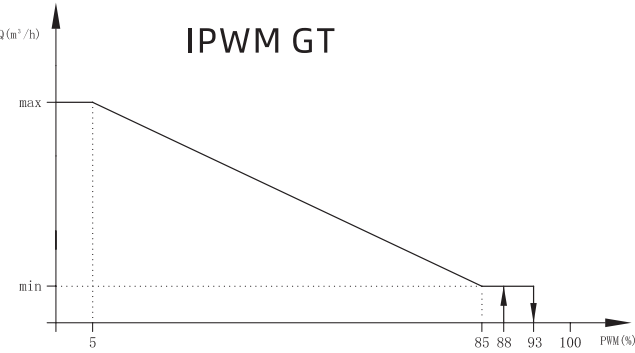
RS25/XX EA-W



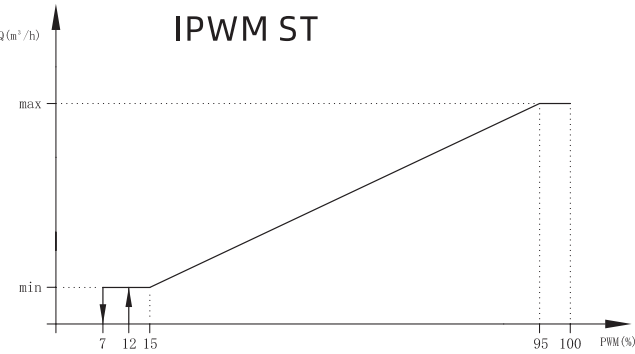
RS25/8EAY-W RS32/8EAY-W



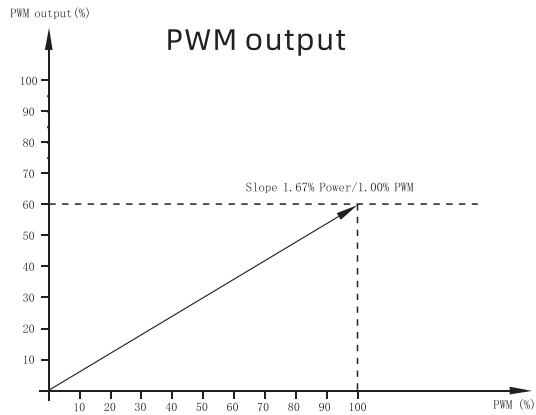
PWM performance



- PWM signal input (%)
- <5: Pump runs at max. speed
 - 5-85: Pump linear runs from max to min
 - 85-93: Pump runs at minimum speed. (running)
 - 85-88: Pump runs at minimum speed. (start)
 - 93-100: Pump stop



- PWM signal input (%)
- 0-7: Pump stop
 - 7-15: Pump runs at minimum speed. (running)
 - 12-15: Pump runs at minimum speed. (start)
 - 15-95: Pump linear runs from min. to max.
 - >95: Pump runs at max. speed

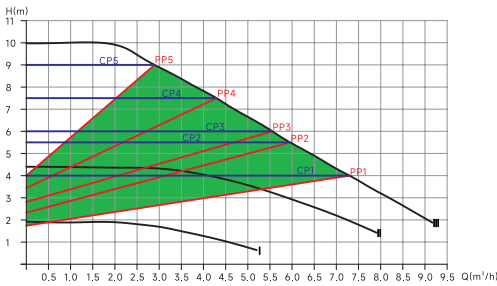


- PWM signal output (%)
- 0-60: power0-100%,(slope 1.67% power/ 1.00%PWM)
 - 75: Other alarm
 - 85: Motor alarm (short circuit, over current)
 - 90: Block alarm
 - 95: Motor stop (PWM control)

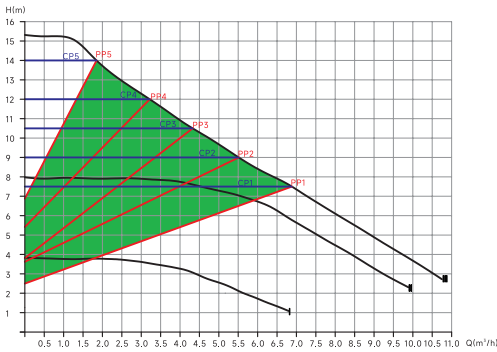
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage	Material of pump body			Body Length		G
	(W)	(m³/h)	(m)		Cast Iron	Brass	Stainless steel	130	180	
RS25/8EAY-W	80	5	8	●	●		●	●	●	1 1/2"
RS32/8EAY-W	80	5	8					●	●	2"
RS25/10EA-W	180	9.2	10						●	1 1/2"
RS25/12EA-W	220	10	12						●	
RS25/15EA-W	280	10.5	15						●	
RS25/18EA-W	360	11	18						●	
RS32/10EA-W	180	10.2	10						●	2"
RS32/12EA-W	220	11	12						●	
RS32/15EA-W	280	11.9	15						●	
RS32/18EA-W	360	12.7	18						●	

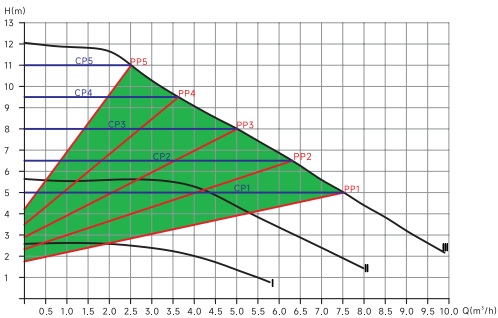
RS25/10EA-W



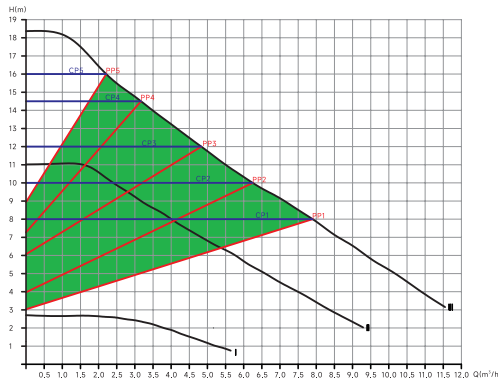
RS25/15EA-W



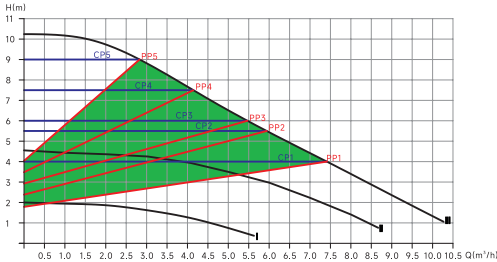
RS25/12EA-W



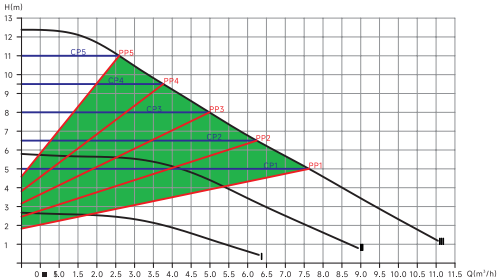
RS25/18EA-W



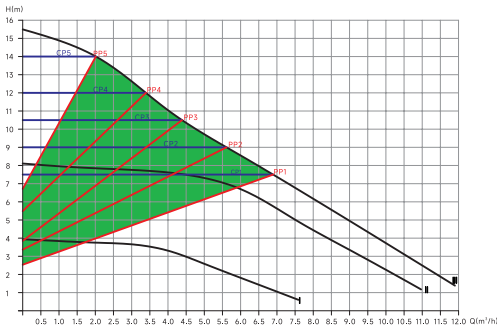
RS32/10EA-W



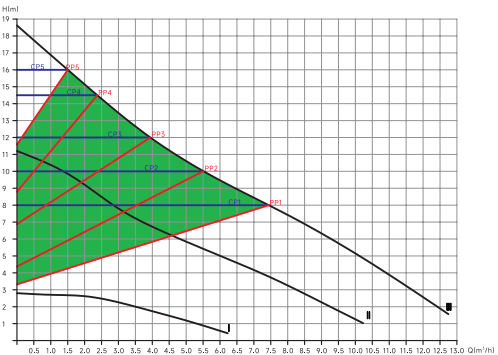
RS32/12EA-W

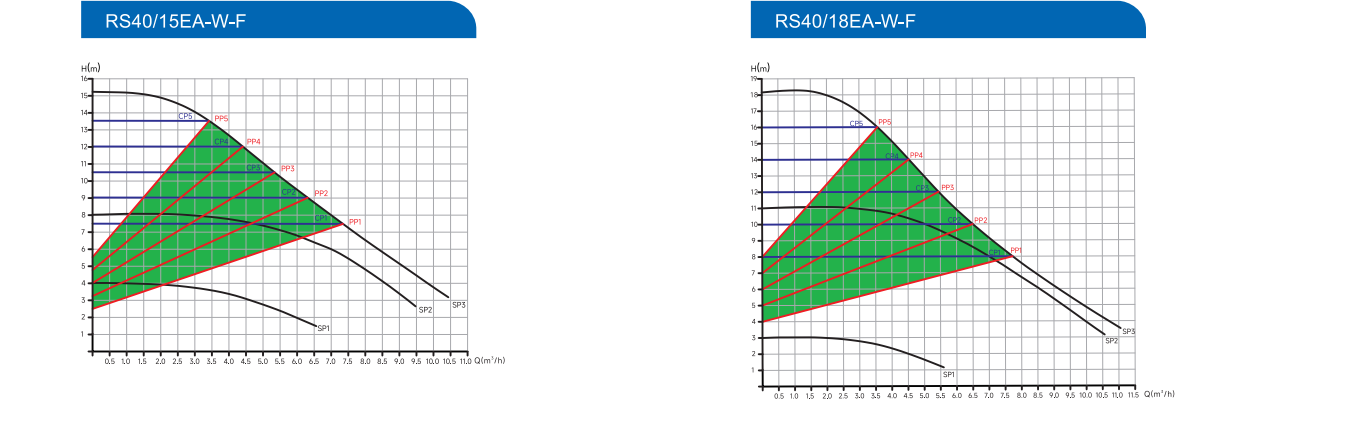
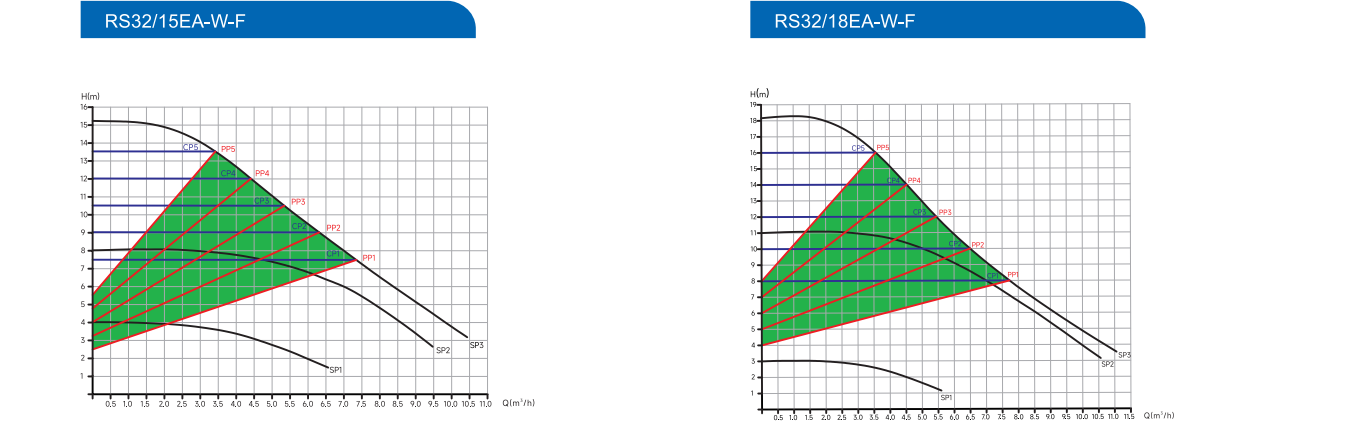
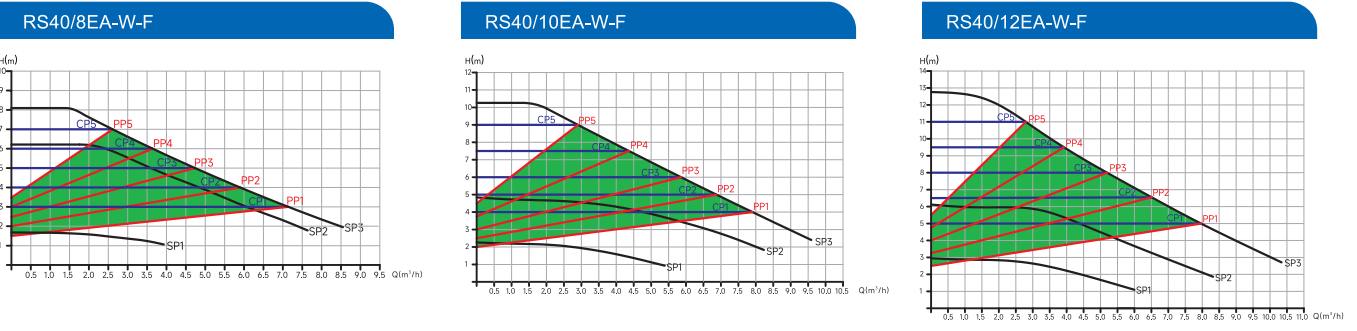
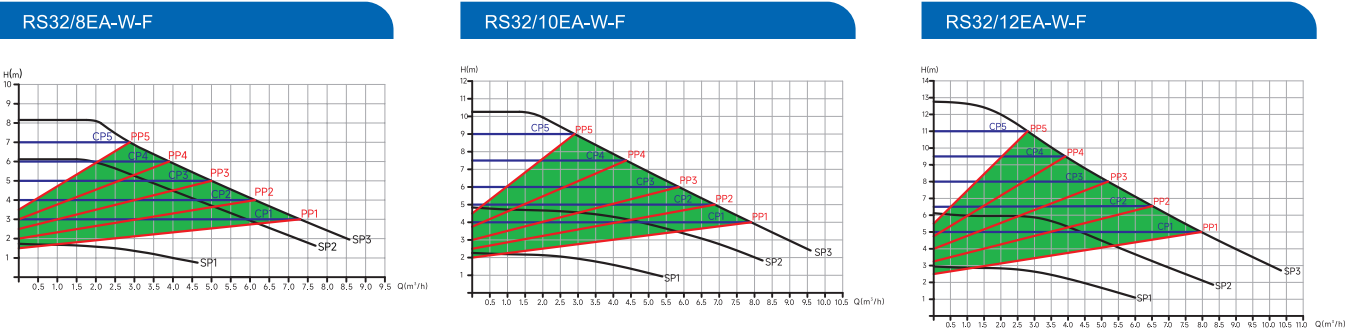
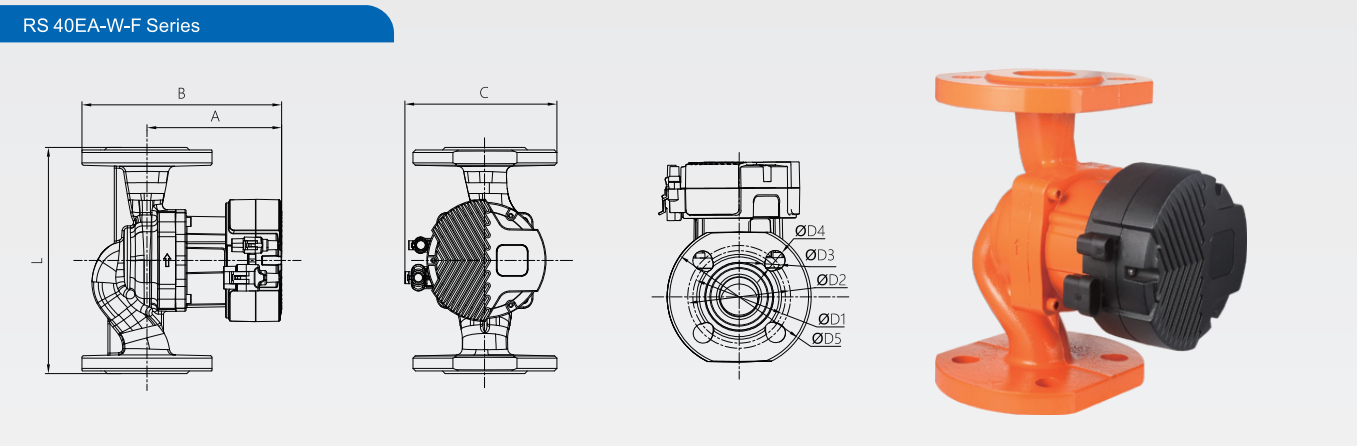
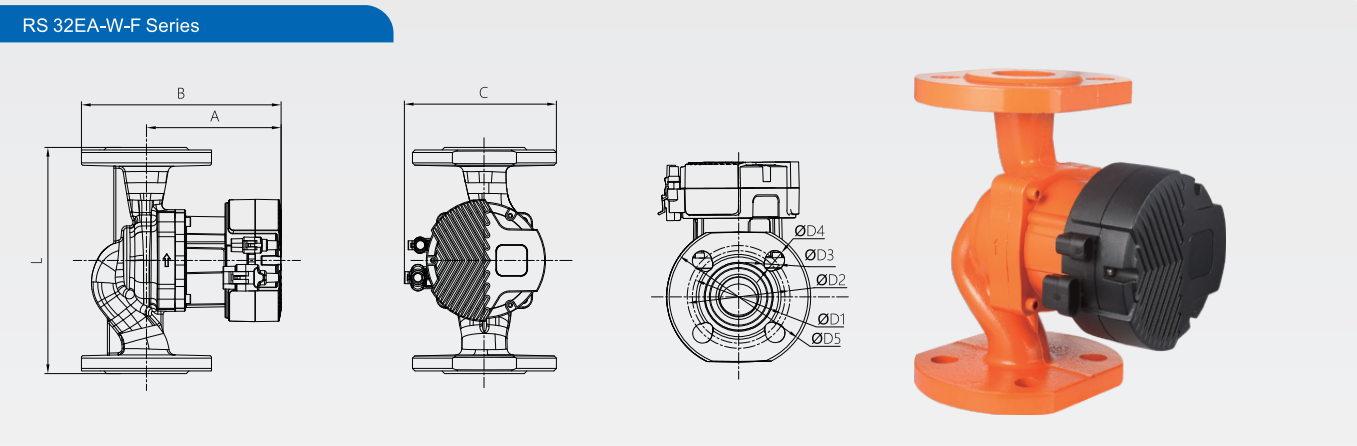


RS32/15EA-W



RS32/18EA-W





Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)				Flange Dimension(mm)				
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	L	A	B	C	D1	D2	D3	D4	D5
RS32/8EA-W-F	16-130	8.6	8	●	●	220	131	195	148	90	100	14	19	140
RS32/10EA-W-F	16-184	9.2	10											
RS32/12EA-W-F	16-220	10	12											
RS32/15EA-W-F	16-280	10.5	15											
RS32/18EA-W-F	16-360	11	18											

Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)				Flange Dimension(mm)				
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	L	A	B	C	D1	D2	D3	D4	D5
RS40/8EA-W-F	16-134	8.6	8	●	●	220	131	195	153	100	110	14	19	150
RS40/10EA-W-F	16-187	9.2	10											
RS40/12EA-W-F	16-230	10	12											
RS40/15EA-W-F	16-280	10.5	15											
RS40/18EA-W-F	16-360	11	18											



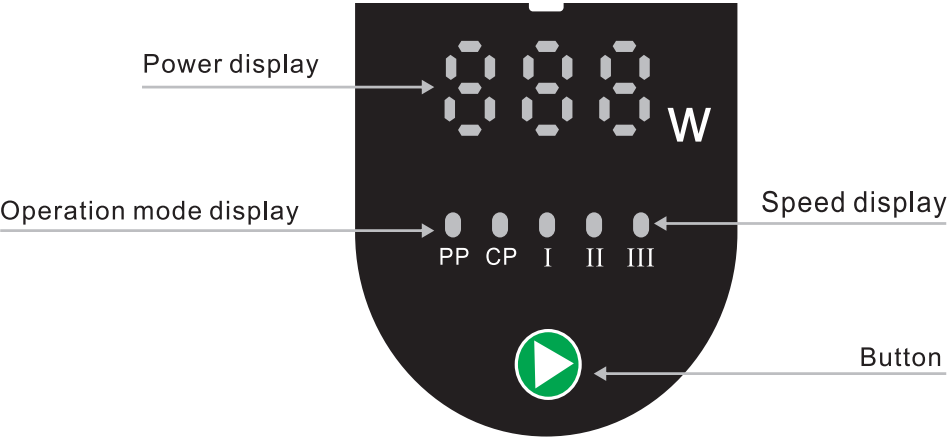
Product advantage

- Cost-effective design, user-friendly operation
- Shielded pump, frequency conversion adaptive, quiet and high efficiency
- Multiple working modes with real-time power display

Application Scope

- Air conditioning and refrigeration dual-supply systems
- Air source heat pumps, gas boilers, radiant floor heating circulation
- Industrial machinery equipment support

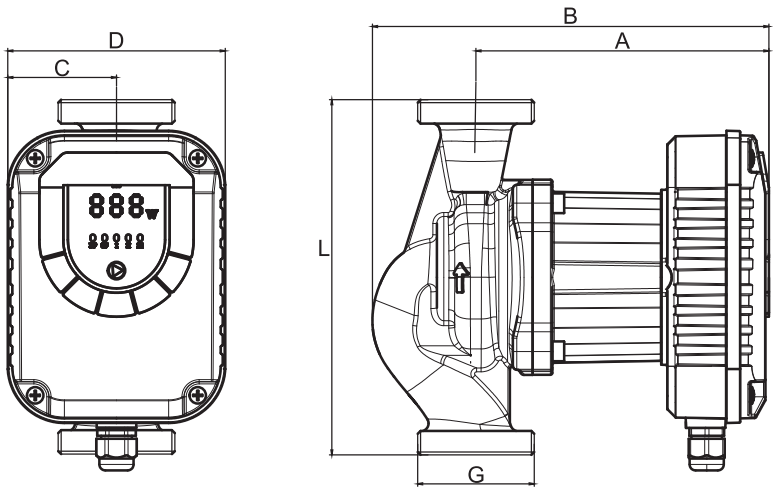
Operation interface



Symbol	Definition
	Power display
	Mode switch button
	Constant speed III
	Constant speed II
	Constant speed I

Symbol	Definition
	AUTO
	Lowest proportional / constant pressure
	Medium proportional / constant pressure
	Highest proportional / constant pressure

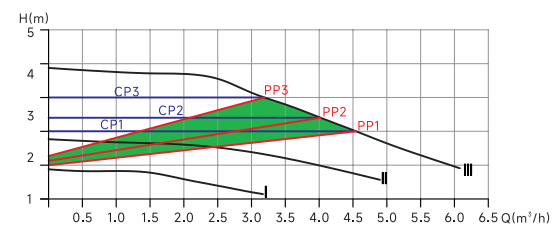
Technical Specifications



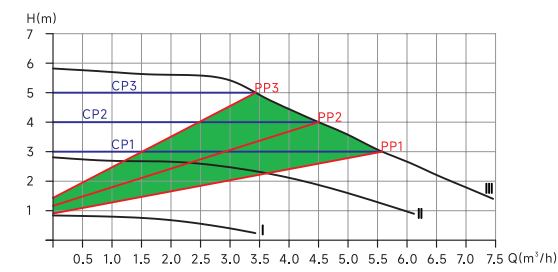
Technical parameter

MODEL	POWER	Max.Flow	Max.Head	Voltage	Material of pump body				Dimension(mm)					
	W	m³/h	m	V/Hz	Cast Iron	Plastic	Brass	Stainless Steel	A	B	C	D	L	G
RS25/4EA-CF	60	6	4	220/50	●			●	150	200	55	110	180	1 1/2
RS25/6EA-CF	105	7.5	6											
RS25/8EA-CF	150	8.5	8											
RS25/10EA-CF	200	9.0	10											
RS25/12EA-CF	220	10	12											
RS25/15EA-CF	280	10.5	15											
RS25/18EA-CF	360	11.7	18											
RS32/4EA-CF	78	7.9	4											2
RS32/6EA-CF	120	9.2	6											
RS32/8EA-CF	168	10.5	8											
RS32/10EA-CF	200	10.7	10											
RS32/12EA-CF	220	11	12											
RS32/15EA-CF	280	12	15											
RS32/18EA-CF	360	13	18											

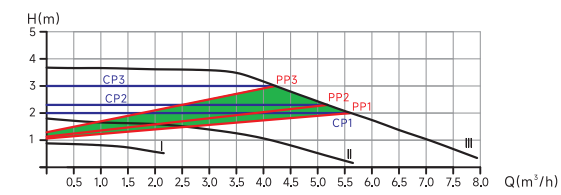
RS25/4EA-CF



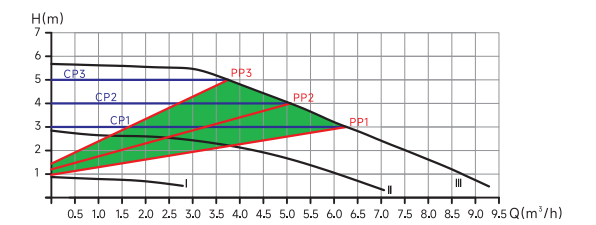
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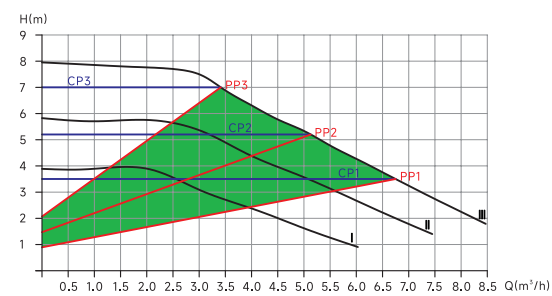
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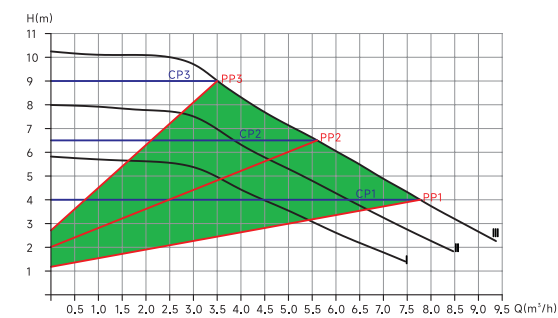
RS32/6EA-CF



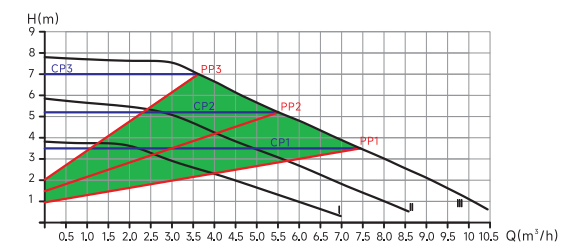
RS25/8EA-CF



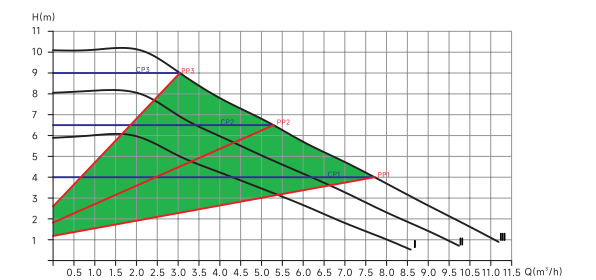
RS25/10EA-CF



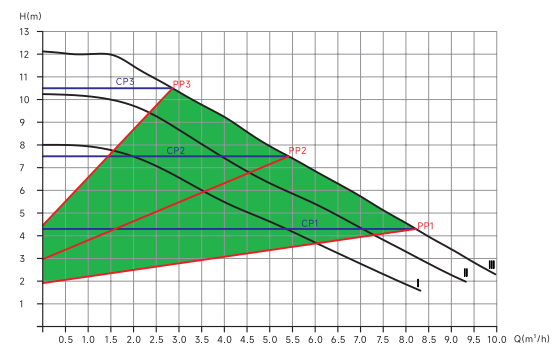
RS32/8EA-CF



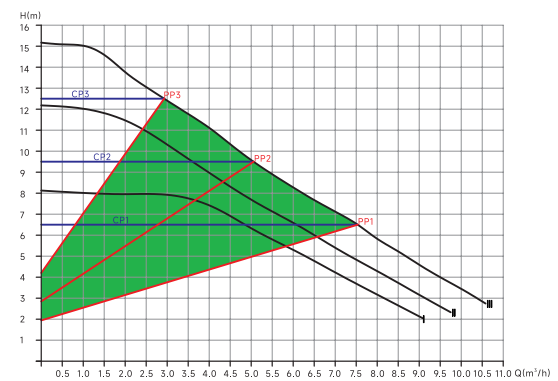
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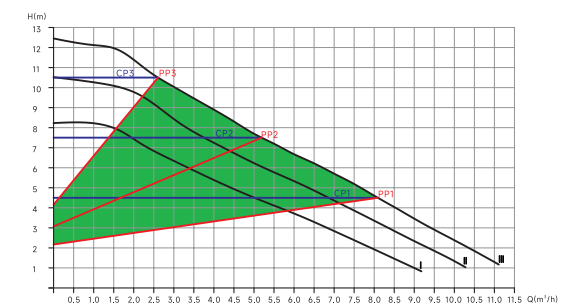
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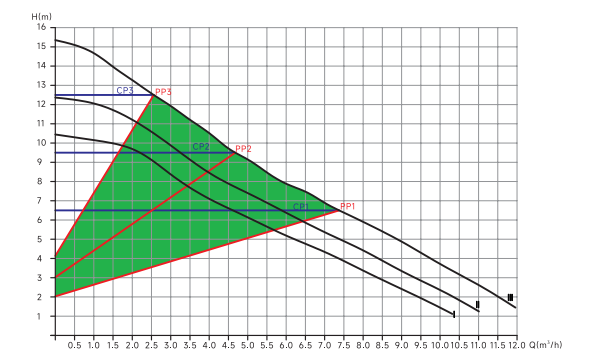
RS25/15EA-CF



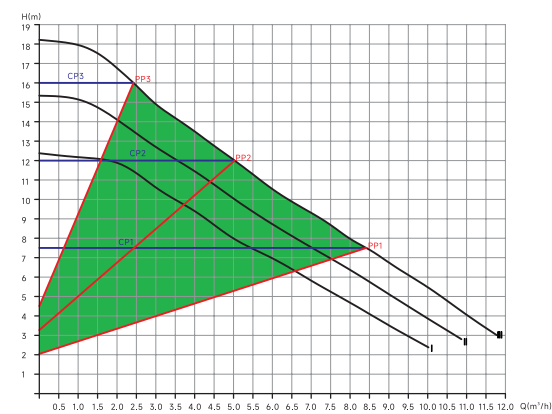
RS32/12EA-CF



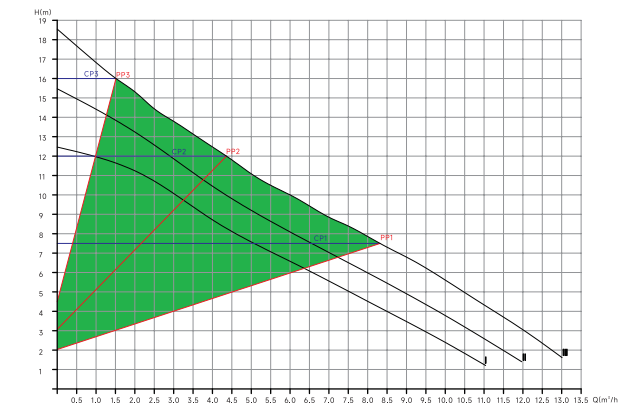
RS32/15EA-CF



RS25/18EA-CF



RS32/18EA-CF





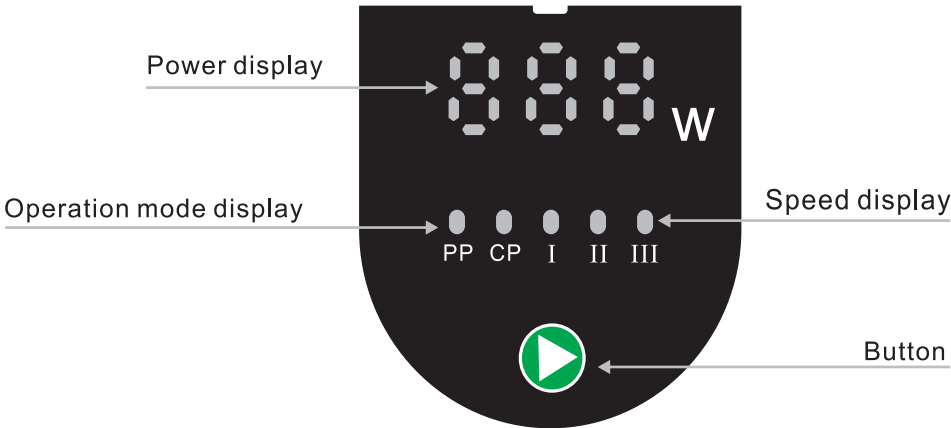
Product advantage

- Cost-effective design, user-friendly operation
- Shielded pump, frequency conversion adaptive ,quiet and Highly efficient
- Multiple working modes with real-time power display

Application Scope

- HVAC & Refrigeration Systems (Dual Supply)
- Air Source Heat Pumps, Gas Boilers, and Radiant Floor Heating Circulation Systems
- Industrial Machinery Support Applications

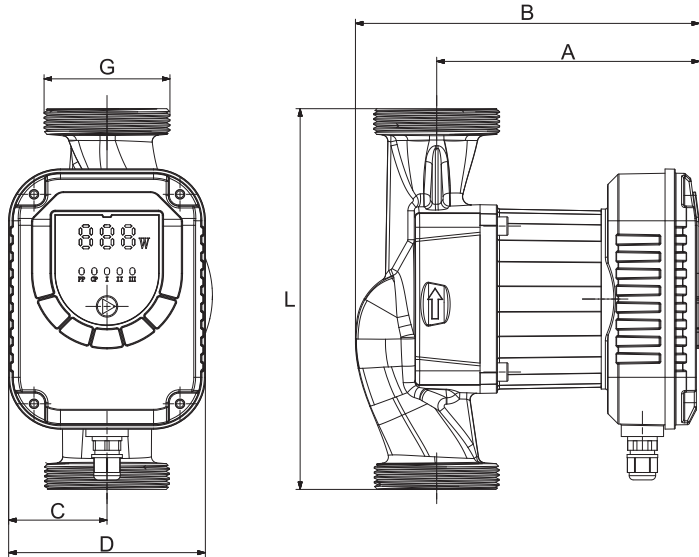
Operation interface



Symbol	Definition
	Power display
	Mode switch button
	Constant speed III
	Constant speed II
	Constant speed I

Symbol	Definition
	AUTO
	Lowest proportional / constant pressure
	Medium proportional / constant pressure
	Highest proportional / constant pressure

Technical Specifications



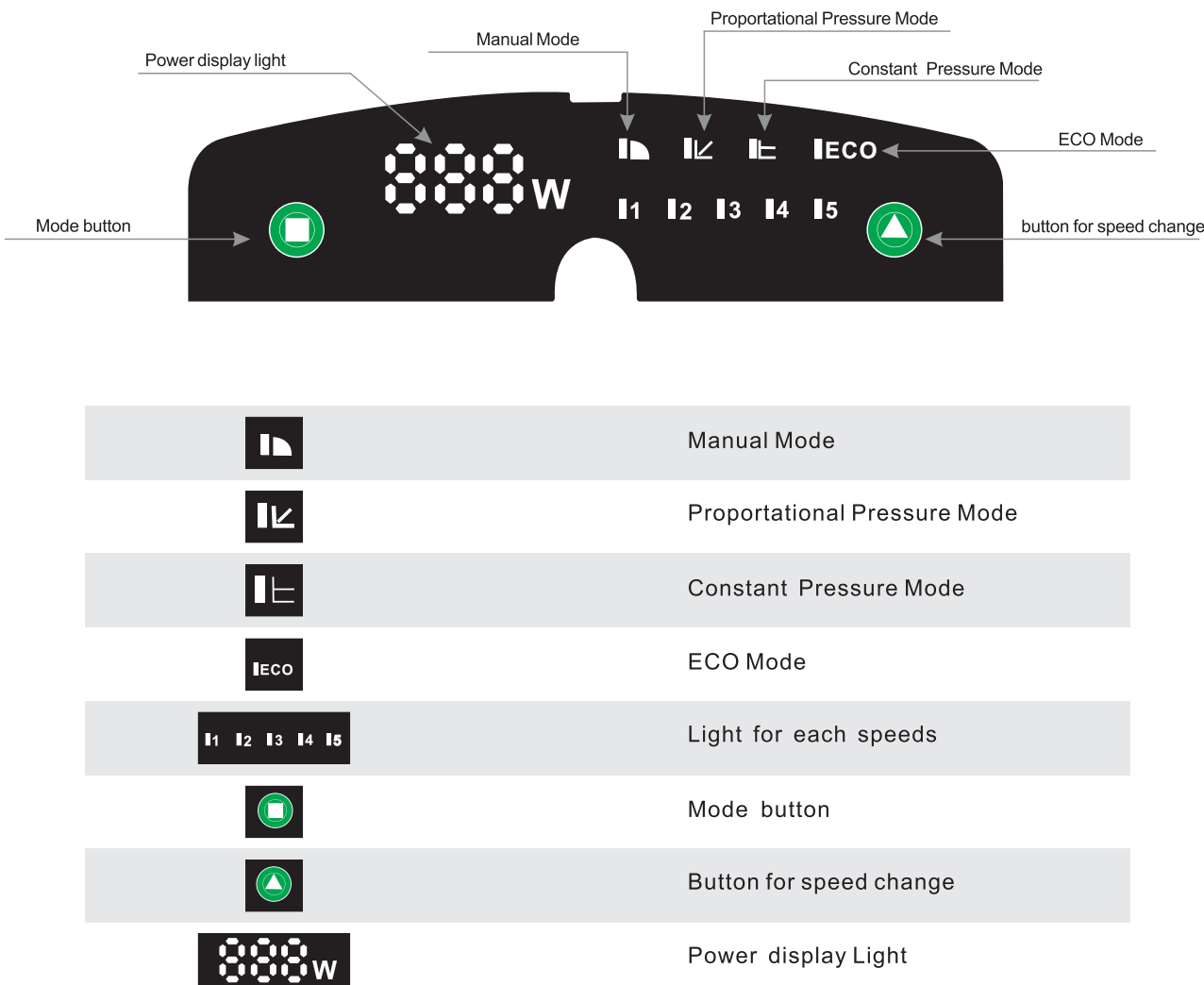
Technical parameter

MODEL	POWER	Max.Flow	Max.Head	Voltage	Material of pump body				Dimension(mm)					
	W	m³/h	m	V/Hz	Cast Iron	Plastic	Brass	Stainless Steel	A	B	C	D	L	G
RS25/4EA-CM	22	3	4	220/50	●			●	124	162	46.5	93	180	1 1/2
RS25/5EA-CM	32	4	5											
RS25/6EA-CM	45	4.5	6											
RS25/7EA-CM	52	4.7	7											
RS25/8EA-CM	63	5.2	8											
RS25/9EA-CM	90	6	9											
RS25/10EA-CM	120	6.7	10											
RS25/12EA-CM	150	7.2	12											
RS32/4EA-CM	22	3	4											2
RS32/5EA-CM	32	4	5											
RS32/6EA-CM	45	4.5	6											
RS32/7EA-CM	52	4.7	7											
RS32/8EA-CM	63	5.8	8											
RS32/9EA-CM	90	6.6	9											
RS32/10EA-CM	120	7.4	10											
RS32/12EA-CM	150	7.9	12											

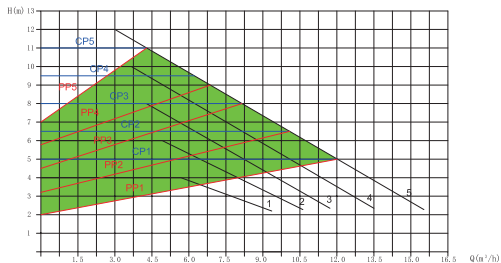


- Product features
- Shielded pump with adaptive variable frequency drive - ensures quiet, high-efficiency operation.
- Applications
- Secondary systems in air conditioning and refrigeration;
 - Integrated heating & circulation solutions.
- Product advantage
- Permanent magnet motor;
 - Intelligent memory retention;
 - Advanced inverter technology.
 - Automated constant voltage regulation.
 - Simultaneous hot/cold water supply with pressurization and circulation capabilities.
 - Comprehensive safety protections: rotor lock prevention, open-circuit detection, thermal overload safeguarding, short-circuit interruption.

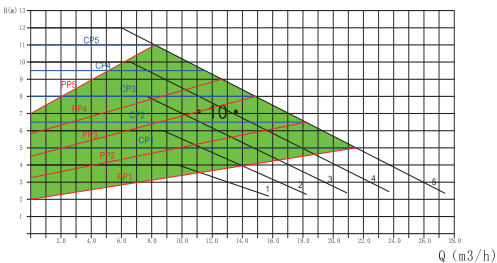
Operation interface



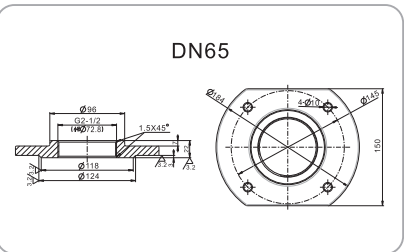
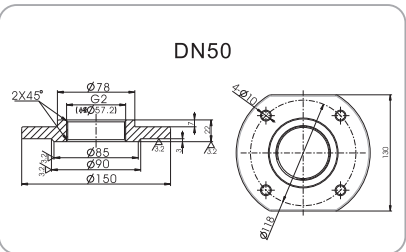
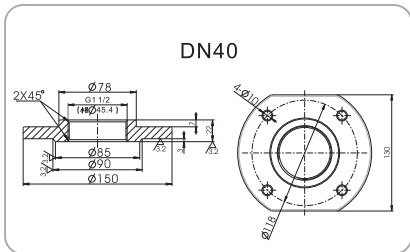
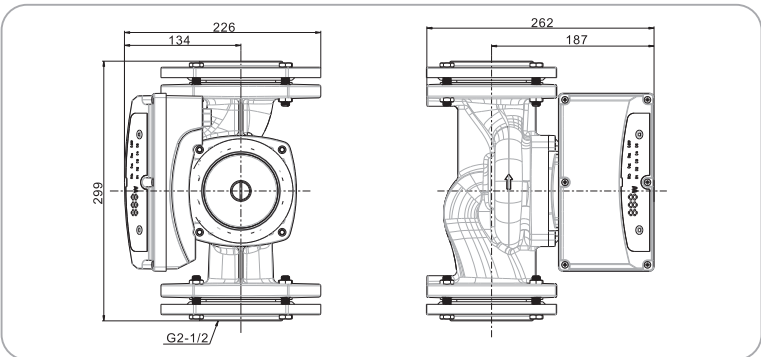
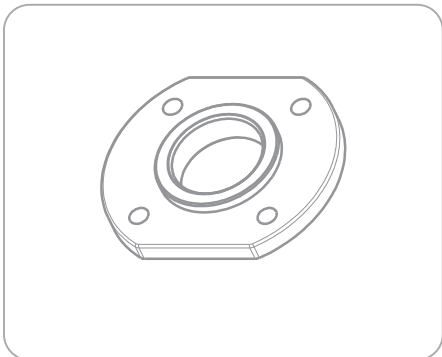
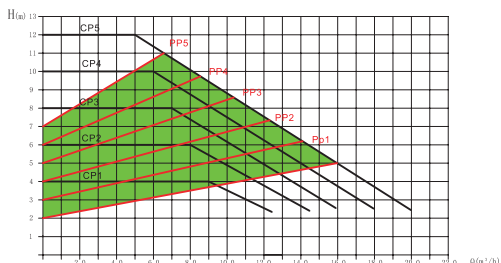
RS600EA-DN40



RS600EA-DN65



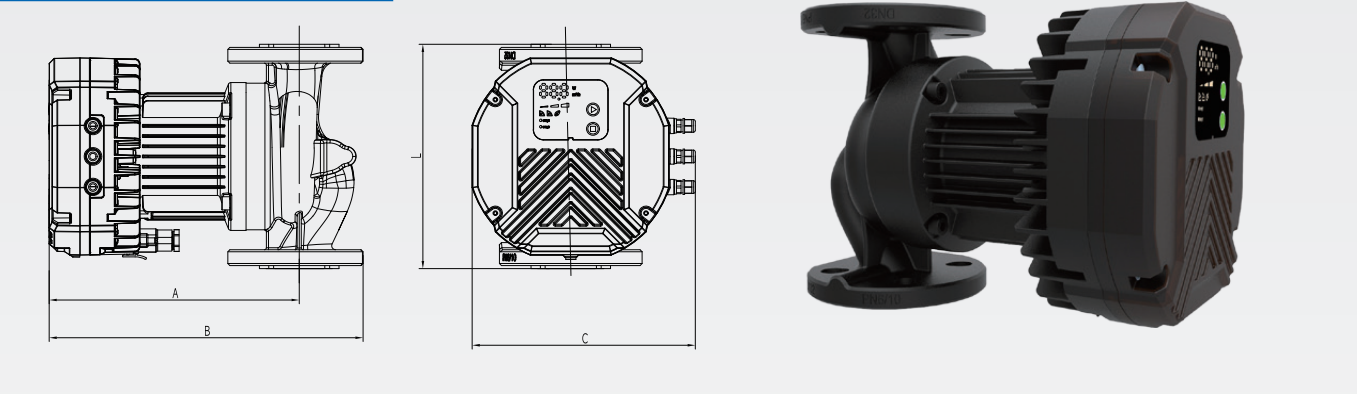
RS600EA-DN50



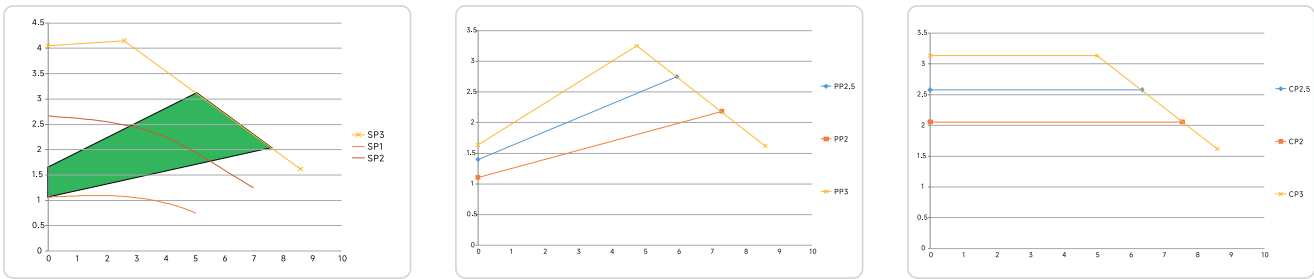
Technical parameter

Model	Connection Size (Inch)	Rated flow (m³/h)	Rated head (m)	Max. Head (m)	Rated Power (W)	Input Power (W)
RS600EA-DN40	1.5"	7	9.5	12	600	600
RS600EA-DN50	2"	12	9.5	12	600	600
RS600EA-DN65	1.5"	13	9.5	12	600	600

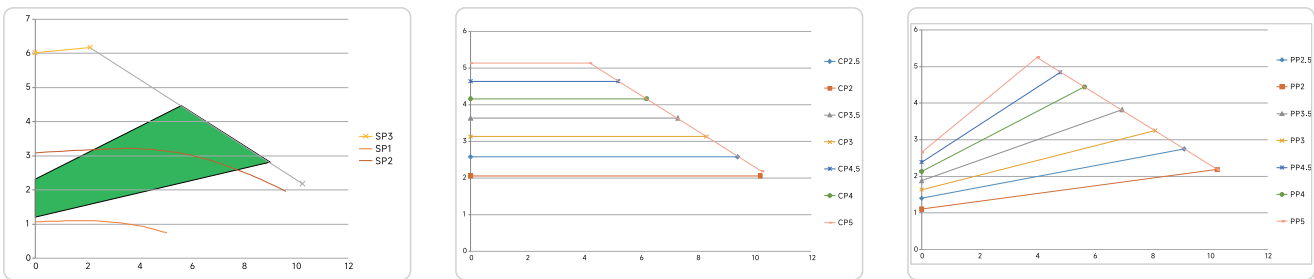
GRS 32 EA-F Series



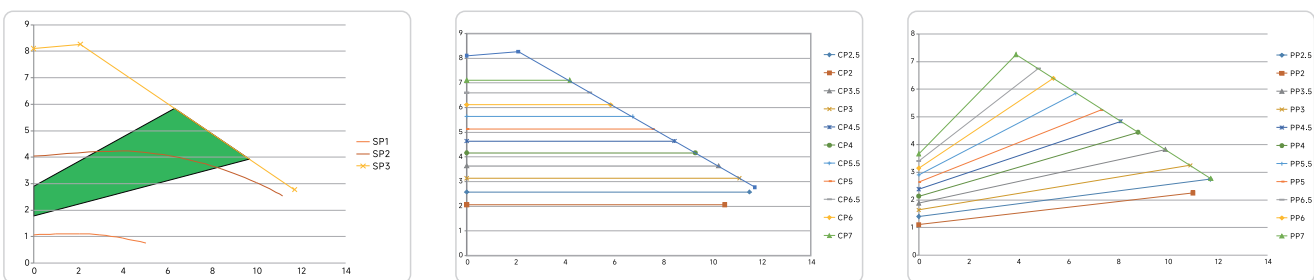
GRS32/4EA-F



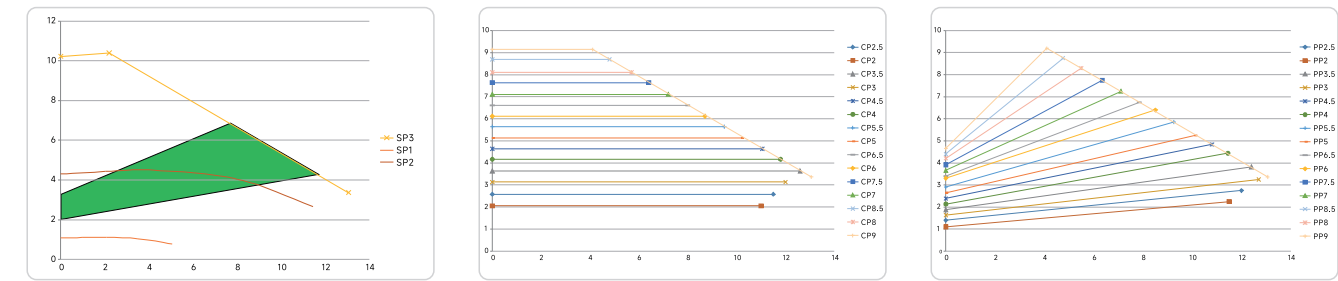
GRS32/6EA-F



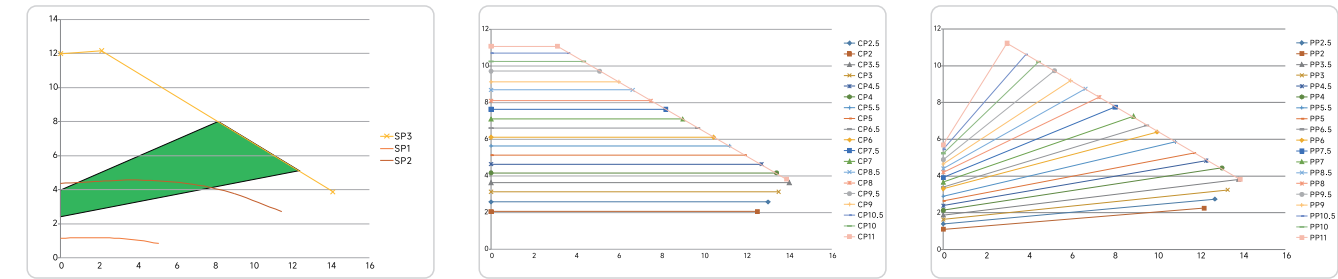
GRS32/8EA-F



GRS32/10EA-F



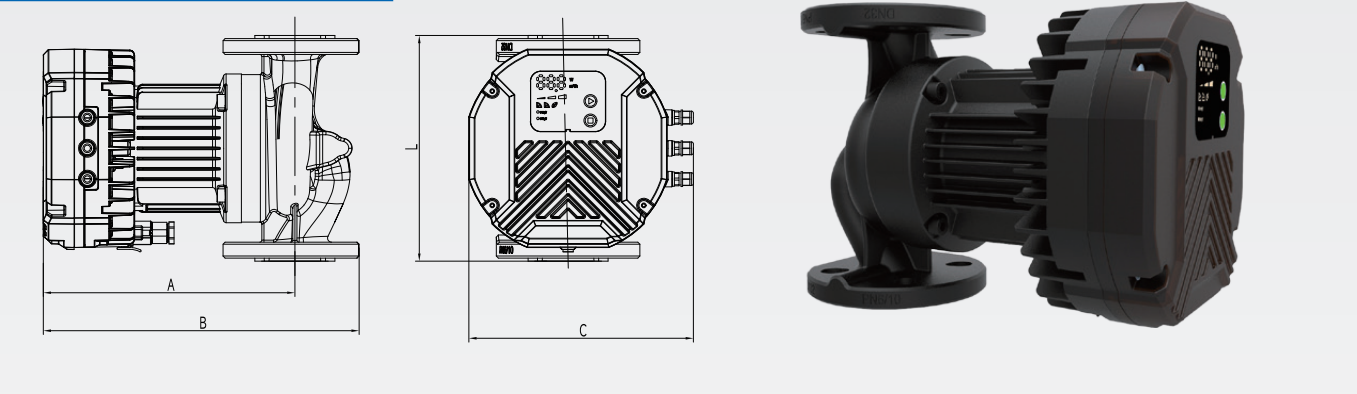
GRS32/12EA-F



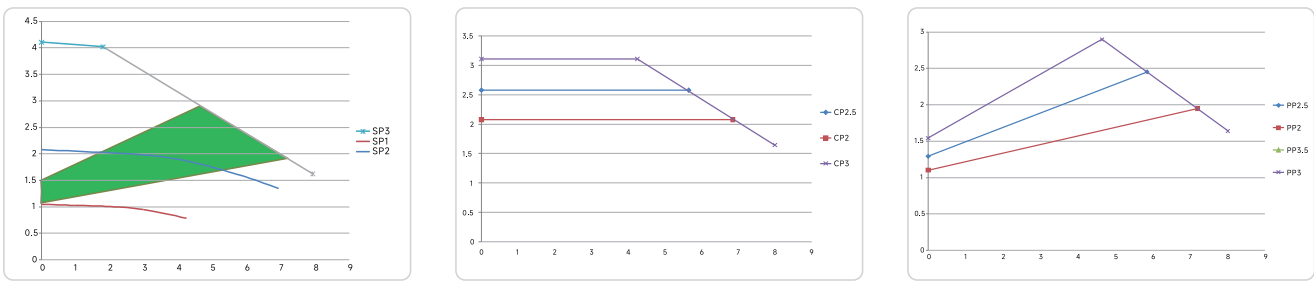
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)				Flange Dimension(mm)				
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	L	A	B	C	D1	D2	D3	D4	D5
GRS32/4-EA-F	18-92	8.6	4	●	●	220	245	308	219	90	100	14	19	140
GRS32/6-EA-F	18-141	10.25	6											
GRS32/8-EA-F	18-203	11.7	8											
GRS32/10-EA-F	18-265	13	10											
GRS32/12-EA-F	18-333	14	12											

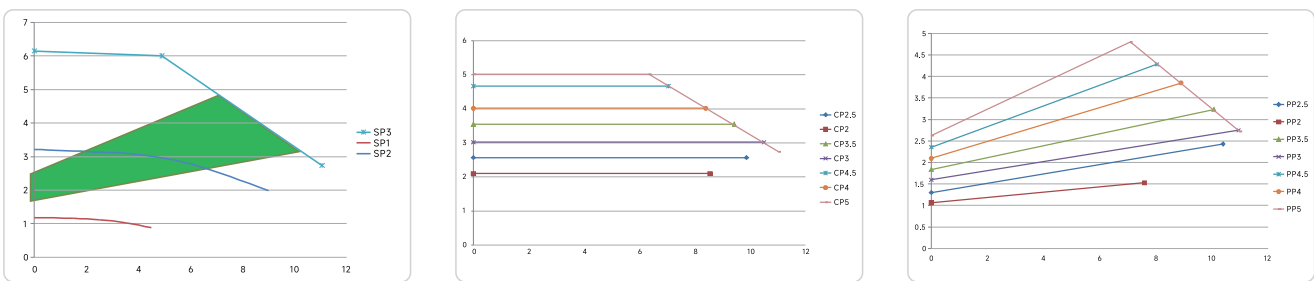
GRS 40 EA-F-220 Series



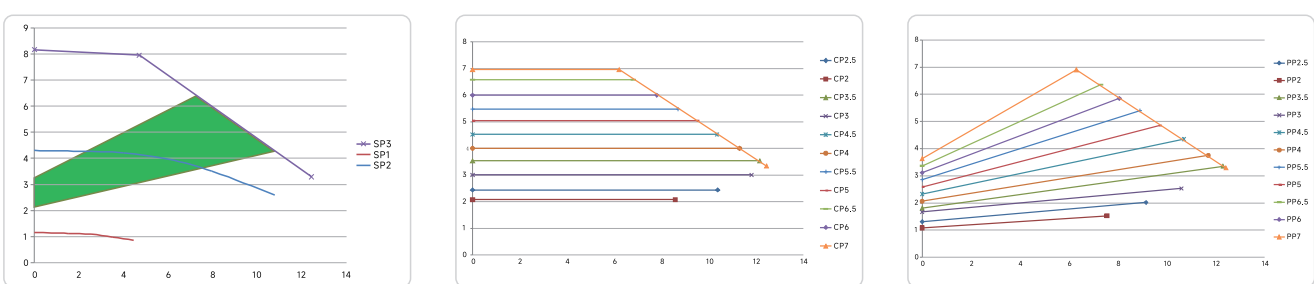
GRS40/4EA-F-220



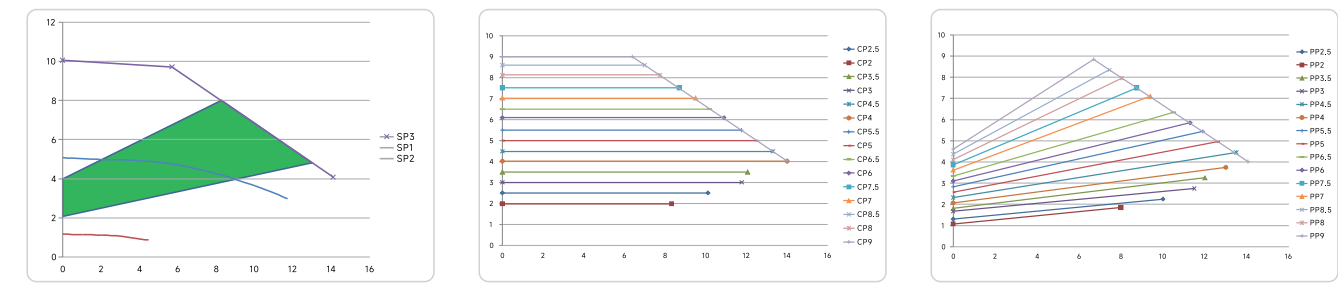
GRS40/6EA-F-220



GRS40/8EA-F-220



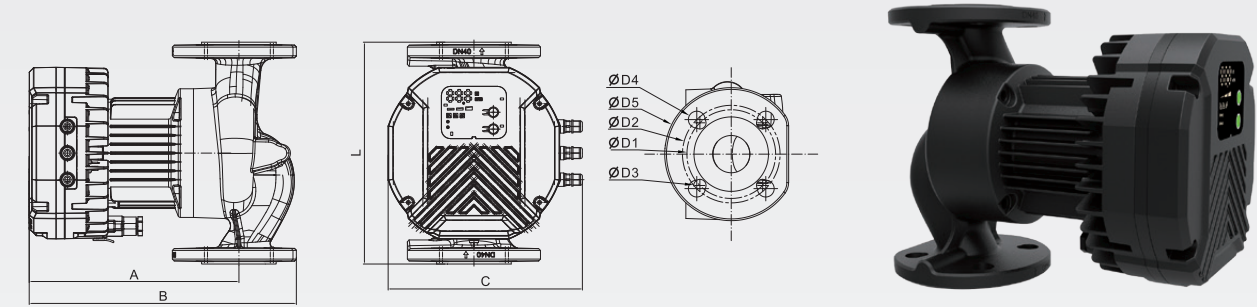
GRS40/10EA-F-220



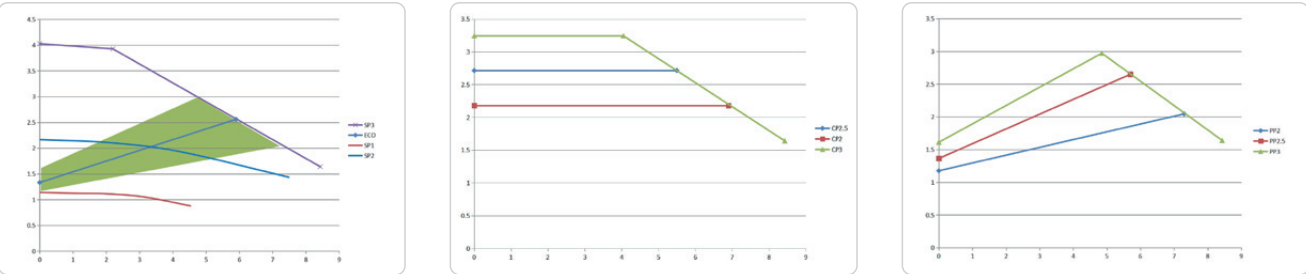
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)				Flange Dimension(mm)					
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	L	A	B	C	D1	D2	D3	D4	D5	
GRS40/4-EA-F-220	16-85	8	4	●	●	220	245	309	219	100	110	14	19	150	DN40
GRS40/6-EA-F-220	17-190	11	6												
GRS40/8-EA-F-220	18-262	12.1	8												
GRS40/10-EA-F-220	19-370	14.1	10												

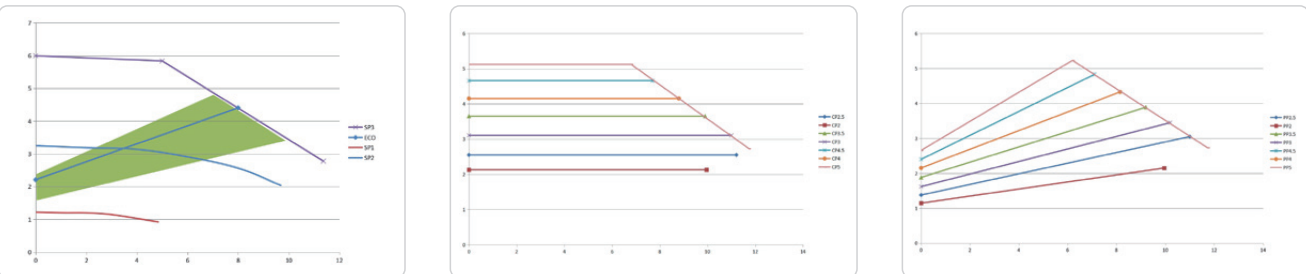
GRS 40 EA-F Series



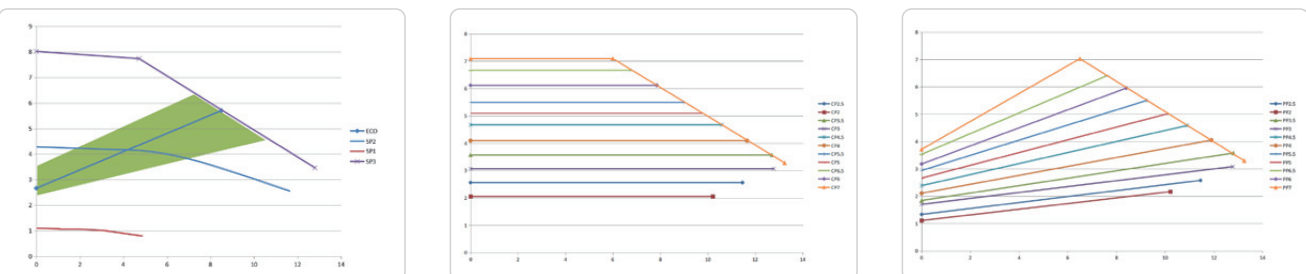
GRS40/4EA-F



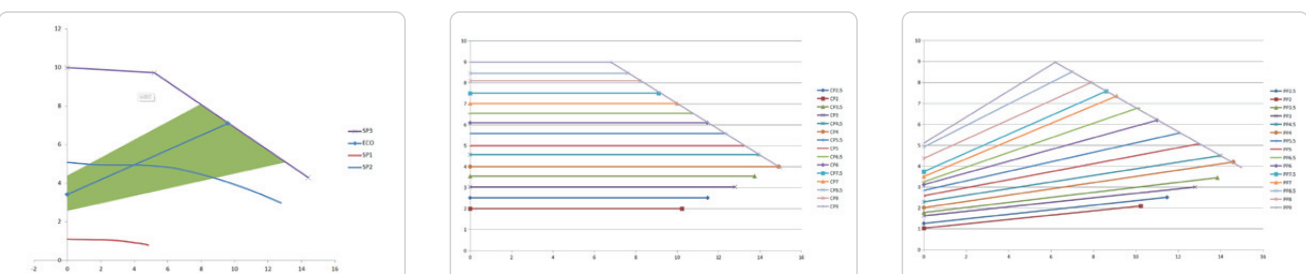
GRS40/6EA-F



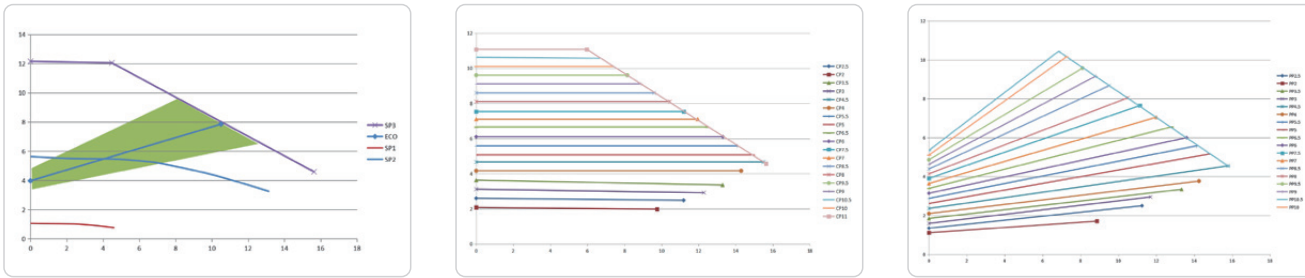
GRS40/8EA-F



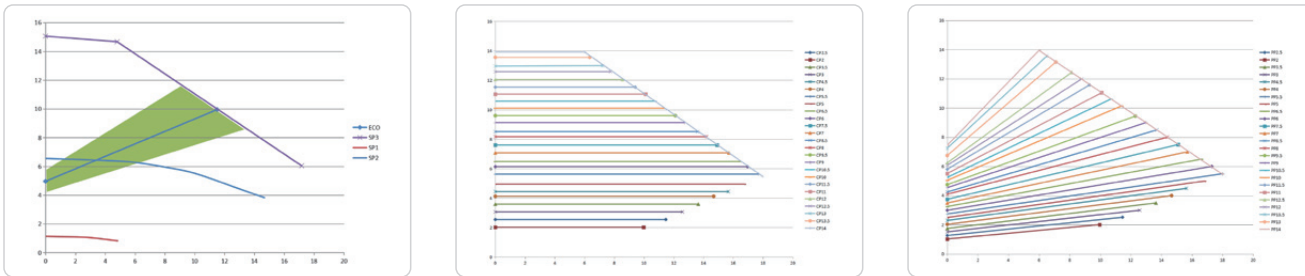
GRS40/10EA-F



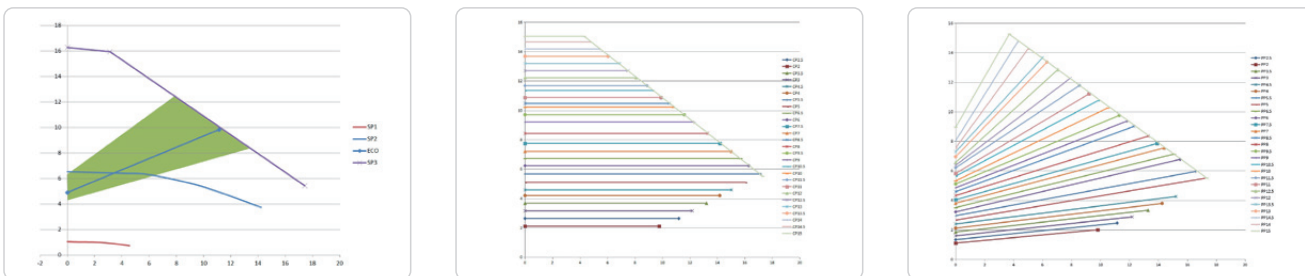
GRS40/12EA-F



GRS40/15EA-F



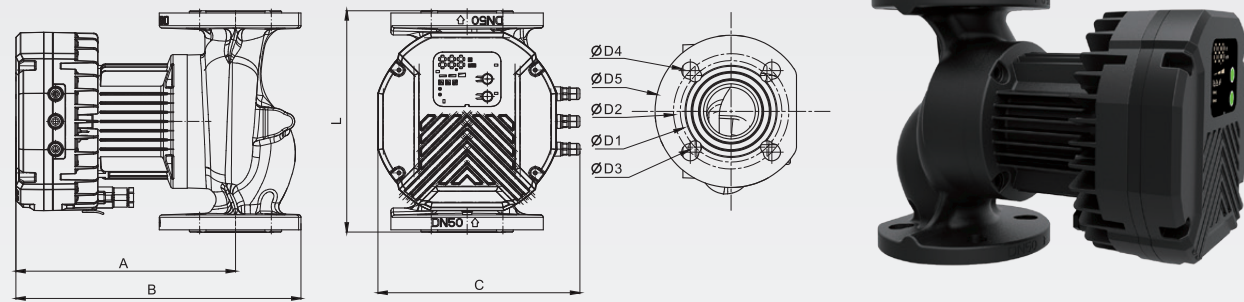
GRS40/18EA-F



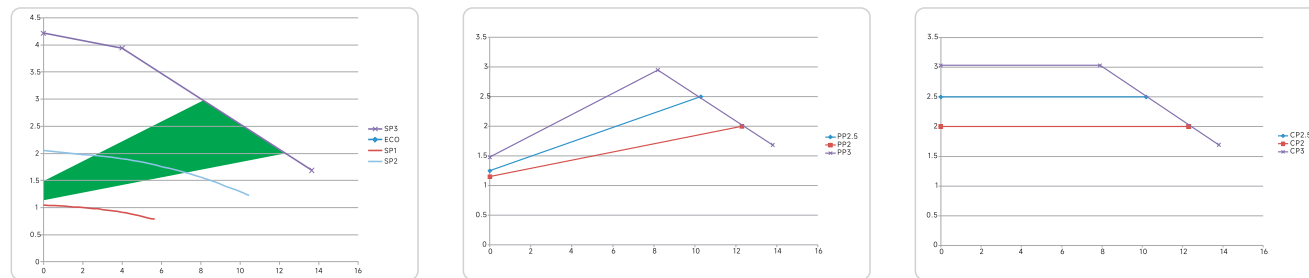
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)				Flange Dimension(mm)					
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	L	A	B	C	D1	D2	D3	D4	D5	
GRS40/4EA-F	16-86	8.5	4	●	●	250	244	310	219	100	110	14	19	150	DN40
GRS40/6EA-F	16-188	11.3	6												
GRS40/8EA-F	16-260	12.8	8												
GRS40/10EA-F	16-360	14.4	10												
GRS40/12EA-F	16-450	15.6	12												
GRS40/15EA-F	16-608	17	15												
GRS40/18EA-F	16-600	17.4	16												
GRS40/12.1EA-F	16-628	17.4	12												

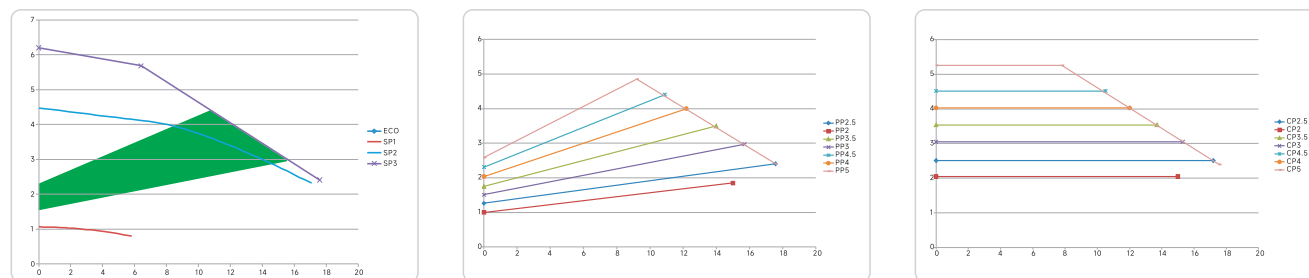
GRS 50 EA-F Series



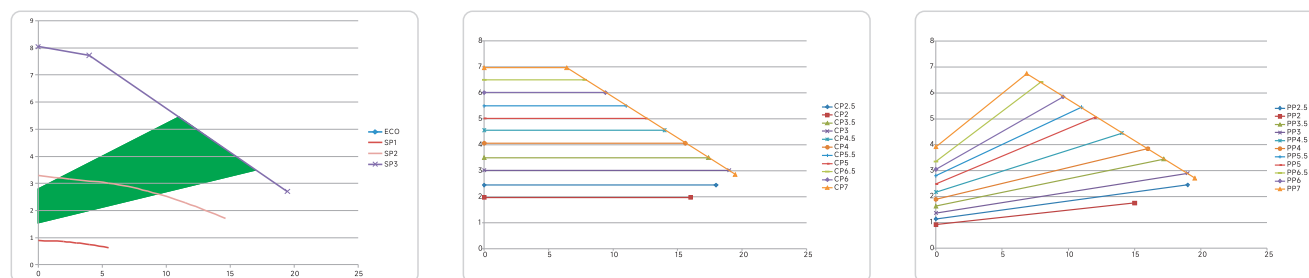
GRS50/4EA-F



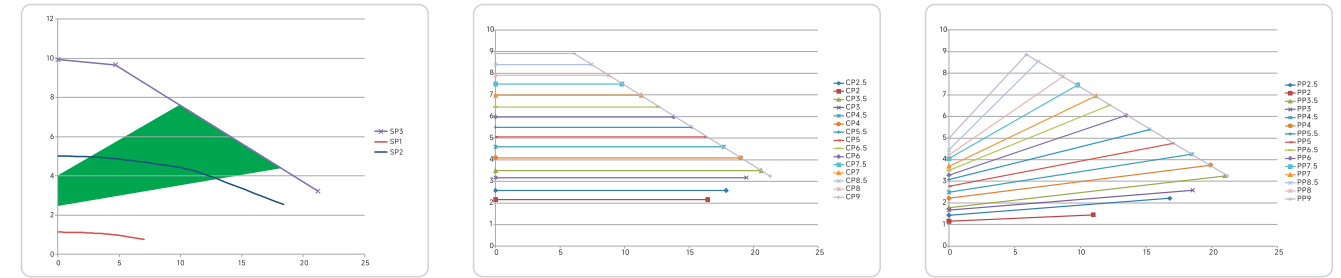
GRS50/6EA-F



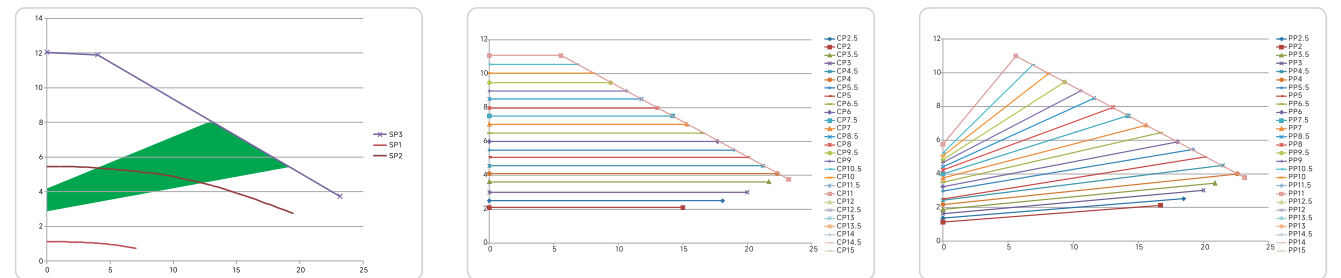
GRS50/8EA-F



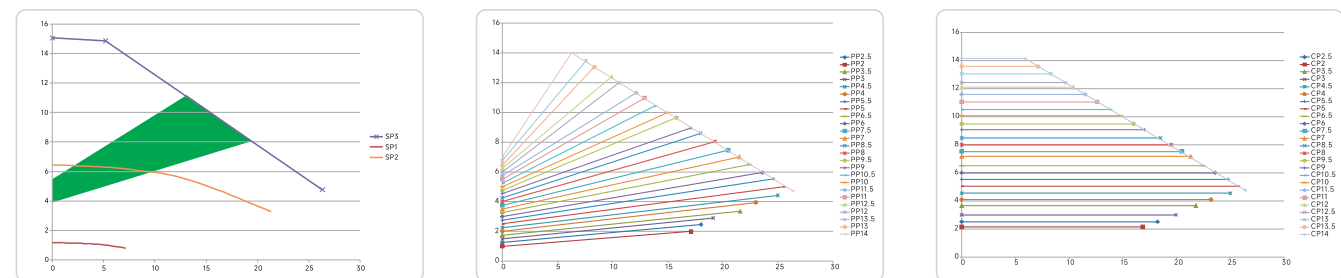
GRS50/10EA-F



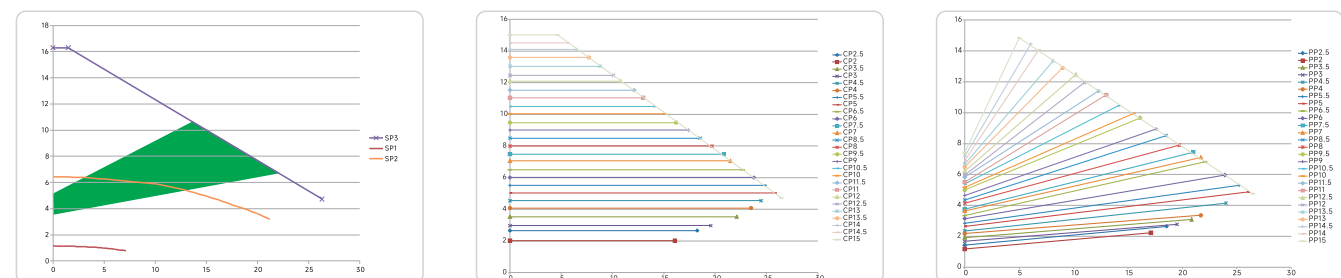
GRS50/12EA-F



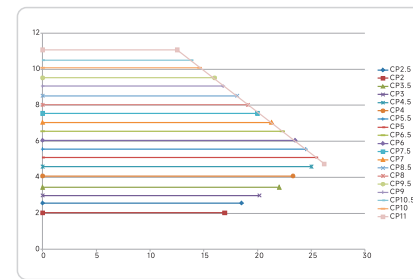
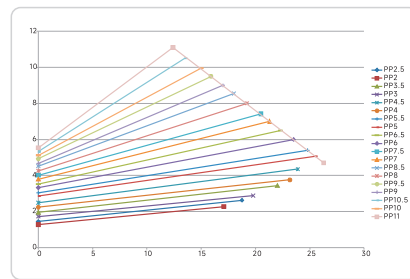
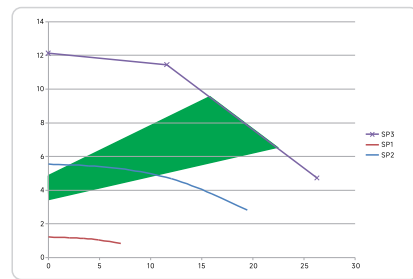
GRS50/15EA-F



GRS50/18EA-F



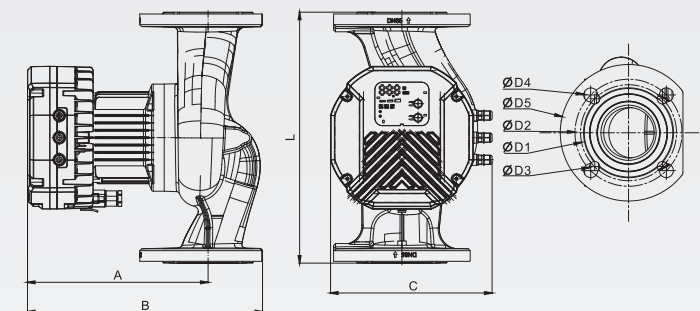
GRS50-12.1EA-F



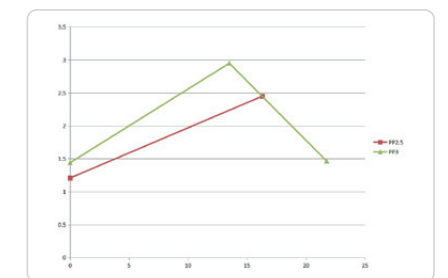
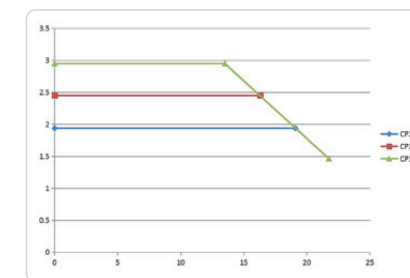
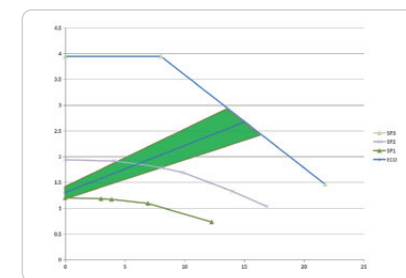
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)				Flange Dimension(mm)					
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	L	A	B	C	D1	D2	D3	D4	D5	
GRS50/4EA-F	16-132	13.5	4	●	●	240	246	318	219	110	125	14	19	165	DN50
GRS50/6EA-F	16-248	17.5	6												
GRS50/8EA-F	16-330	19.5	8												
GRS50/10EA-F	20-425	21.2	10			280	242	315							
GRS50/12EA-F	20-545	23.1	12												
GRS50/15EA-F	20-800	26	15												
GRS50/18EA-F	20-800	26	16												
GRS50/12.1EA-F	20-800	26	12												

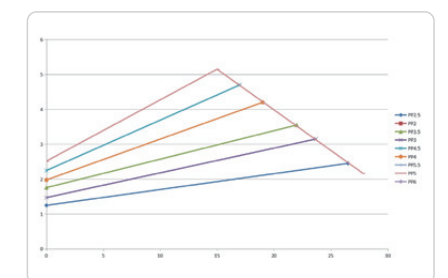
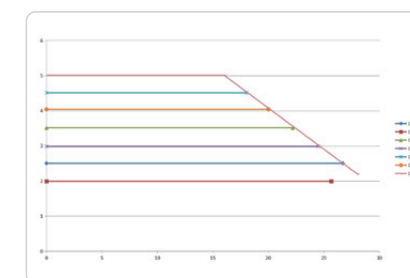
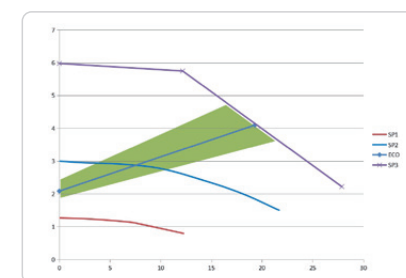
GRS 65 EA-F Series



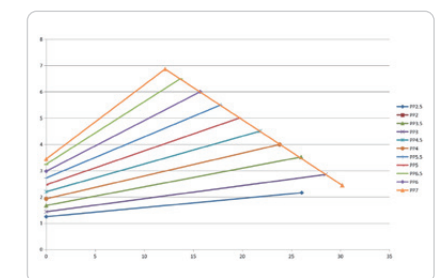
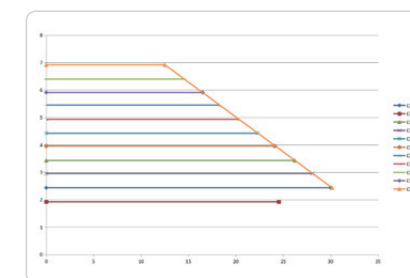
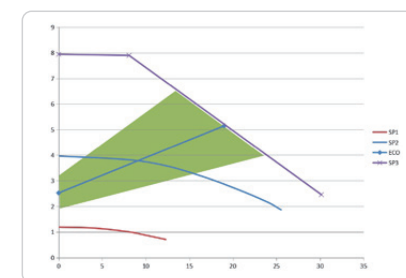
GRS65/4EA-F



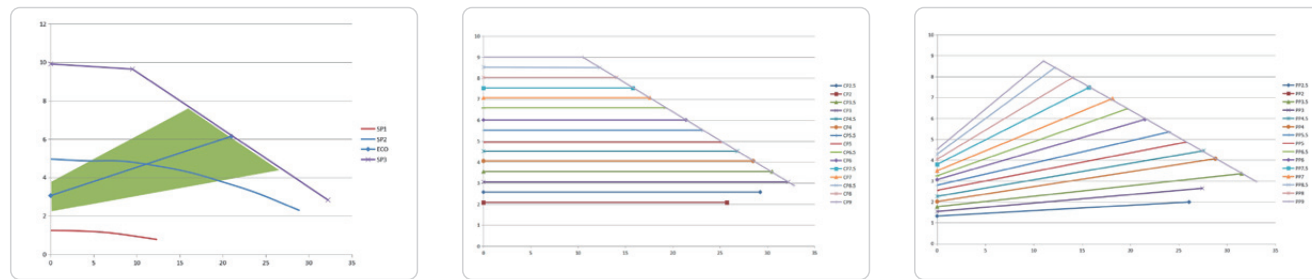
GRS65/6EA-F



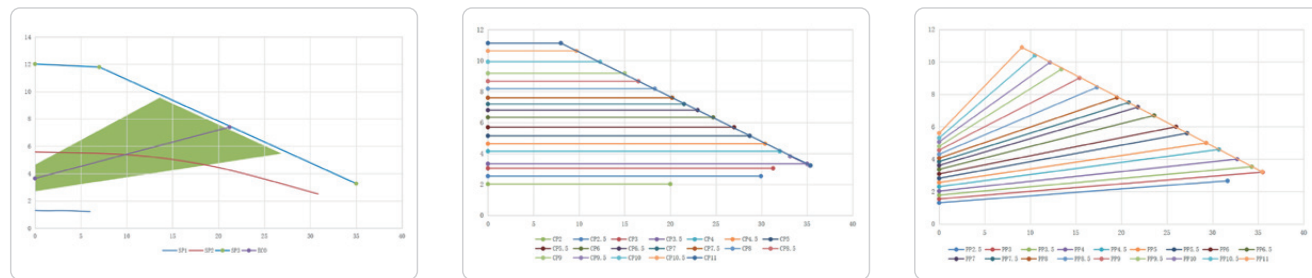
GRS65/8EA-F



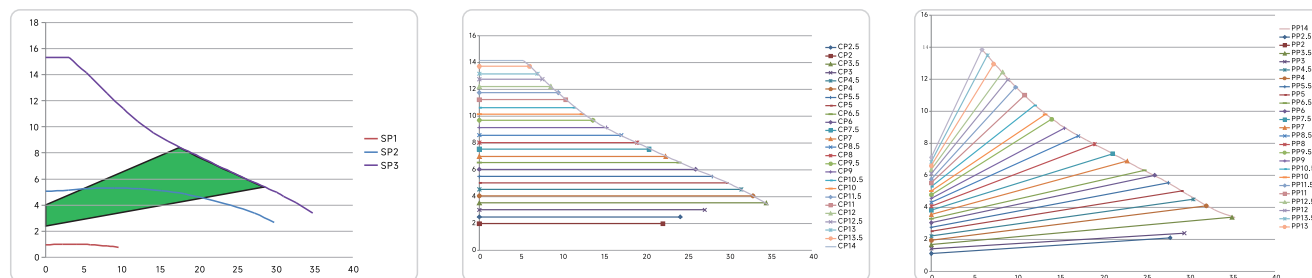
GRS65/10EA-F



GRS65/12EA-F



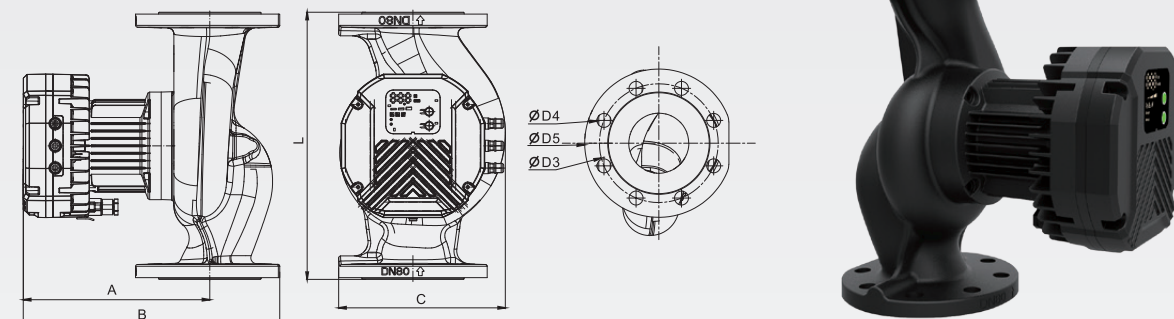
GRS65/15.1EA-F



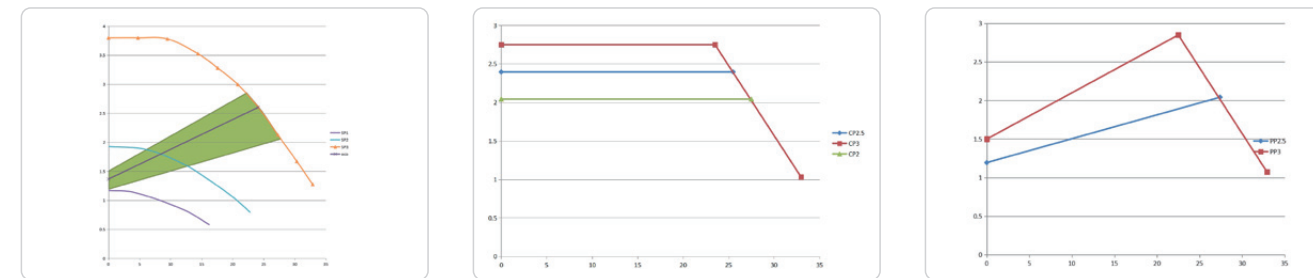
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)				Flange Dimension(mm)					
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	L	A	B	C	D1	D2	D3	D4	D5	
GRS65/4EA-F	26-200	21.7	4	●	●	340	252	326	219	130	145	14	19	185	DN65
GRS65/6EA-F	26-385	27.8	6												
GRS65/8EA-F	26-485	30.1	8												
GRS65/10EA-F	26-630	32.5	10												
GRS65/12EA-F	26-780	34.5	12												
GRS65/15.1EA-F	20-800	34.7	15												

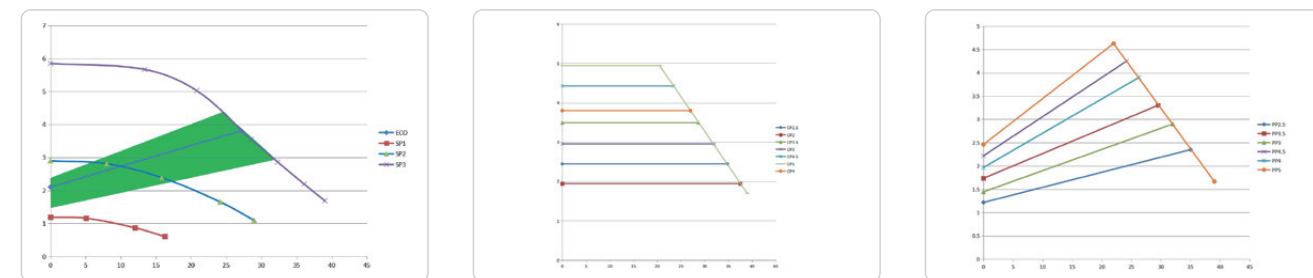
GRS 80 EA-F Series



GRS80/4EA-F



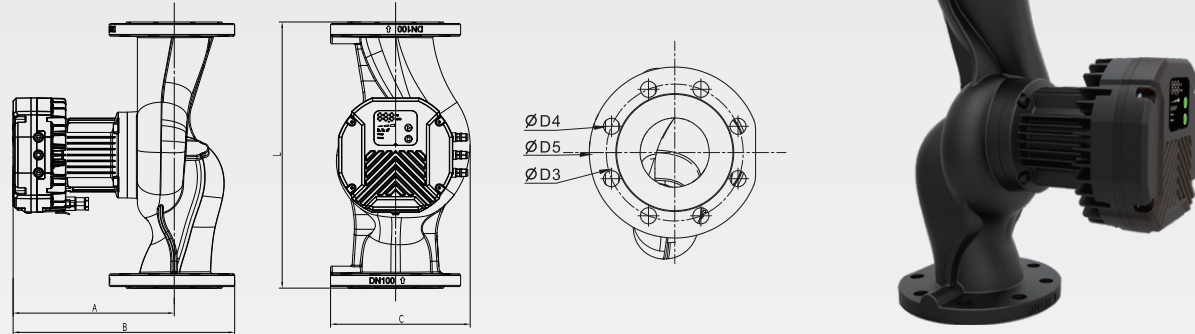
GRS80/6EA-F



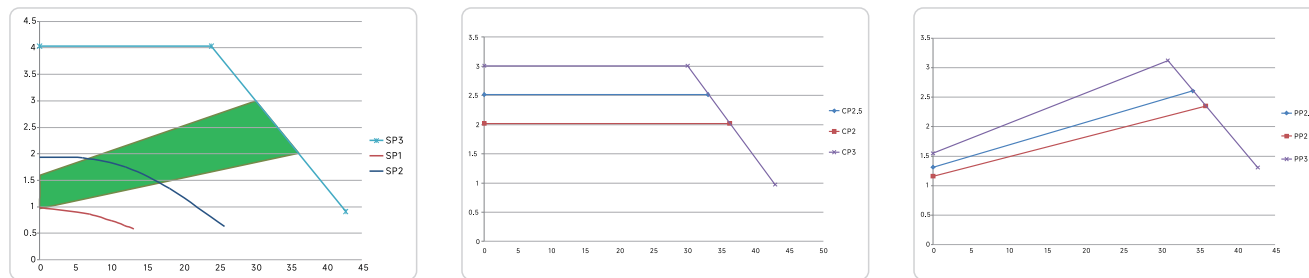
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)				Flange Dimension(mm)					
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	L	A	B	C	D1	D2	D3	D4	D5	
GRS80/4EA-F	24-328	32.8	3.9	●	●	360	259	364	222			160	19	200	DN80
GRS80/6EA-F	24-538	39	5.9												

GRS 100-4 EA-F Series



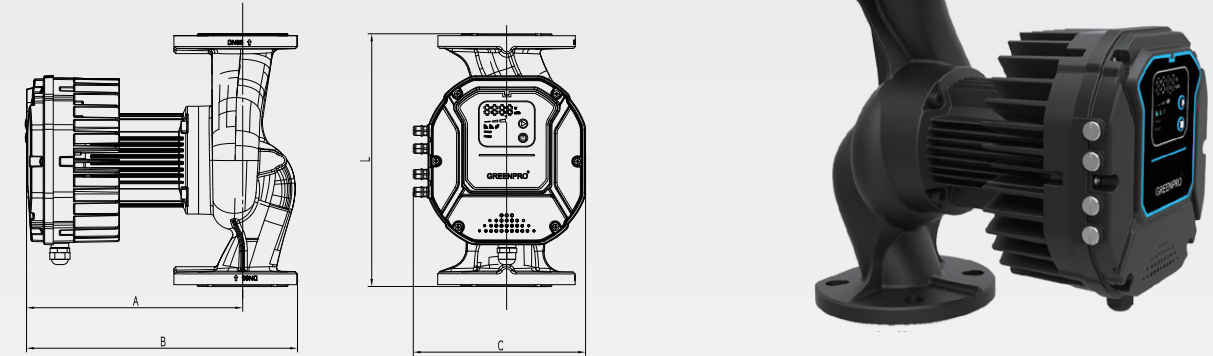
GRS100/4EA-F



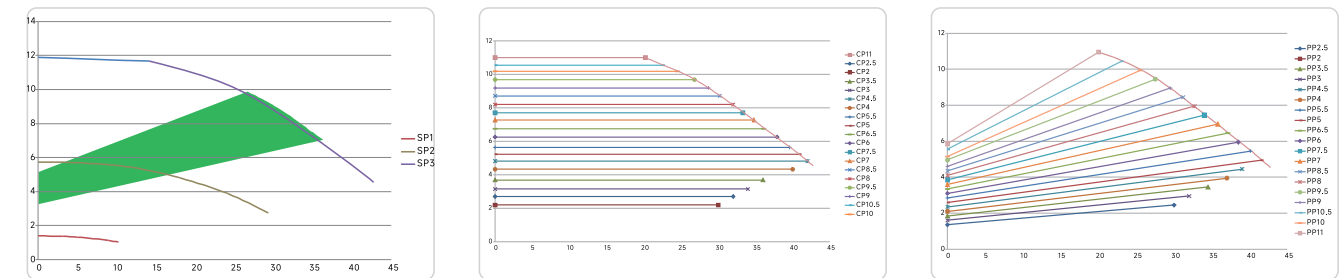
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)				Flange Dimension(mm)				
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	L	A	B	C	D1	D2	D3	D4	D5
GRS100/4-EA-F	19-510	42.6	4	●	●	450	273	375	237			180	19	220

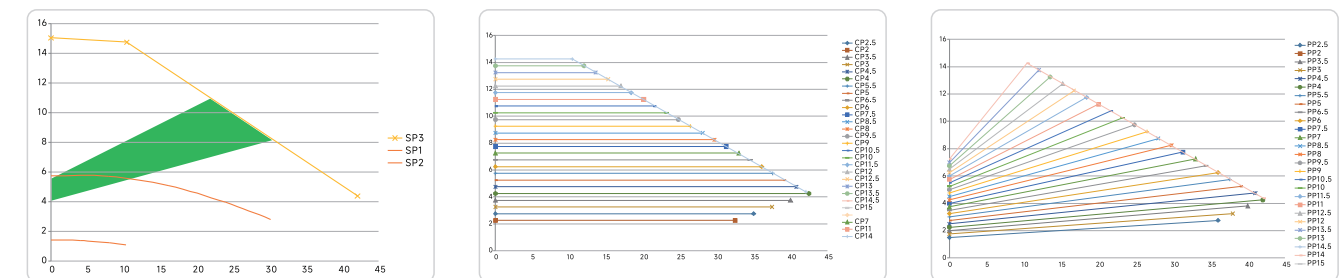
GRS 65 EAB-F Series



GRS65/12.1EAB-F



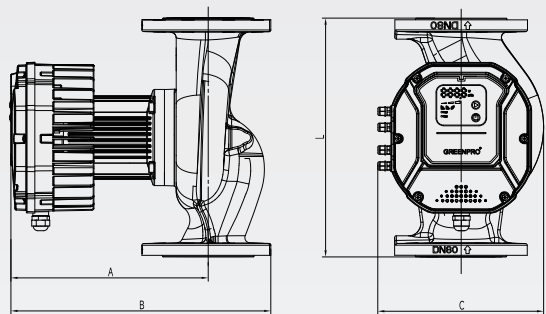
GRS65/15EAB-F



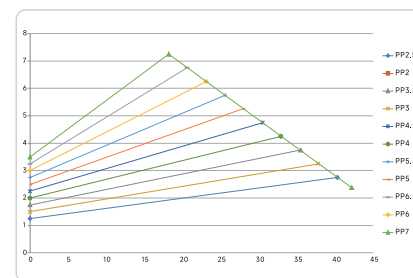
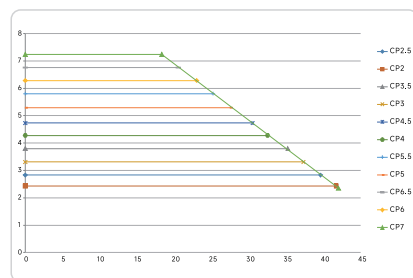
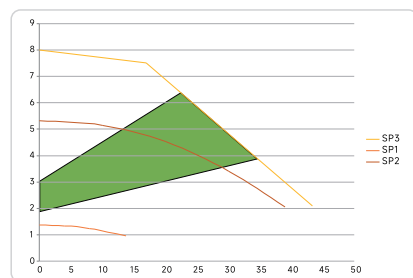
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)				Flange Dimension(mm)				
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	L	A	B	C	D1	D2	D3	D4	D5
GRS65/12.1-EAB-F	51-1319	42.76	12	●	●	340	291	365	232	130	145	14	19	185
GRS65/15-EAB-F	40-1285	42.1	15	●	●									

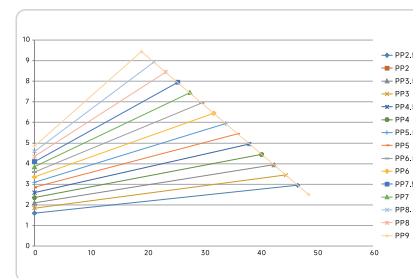
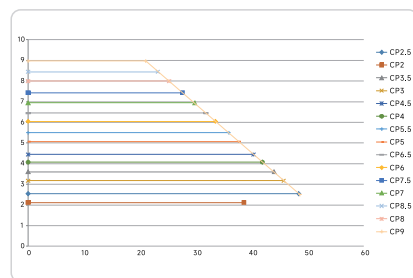
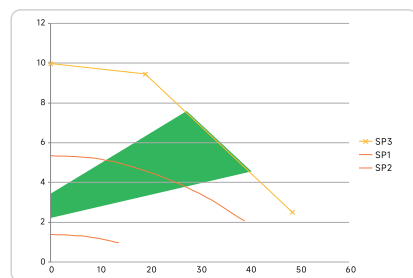
GRS 80 EAB-F Series



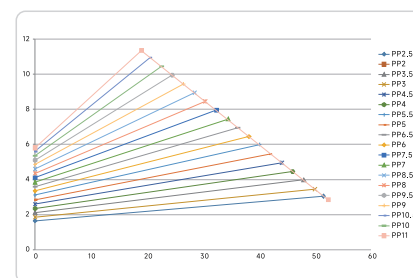
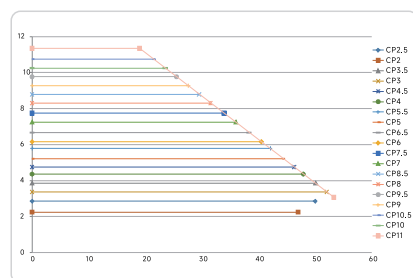
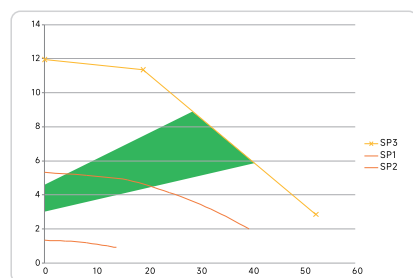
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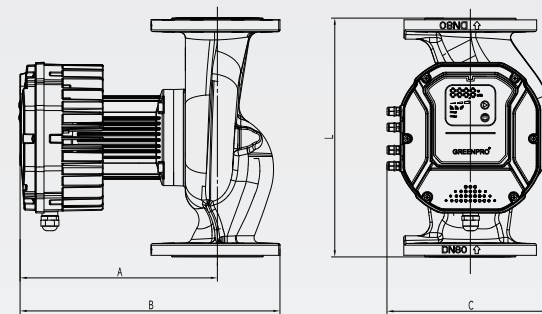
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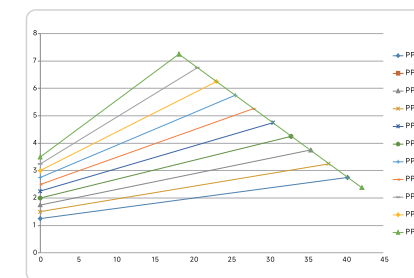
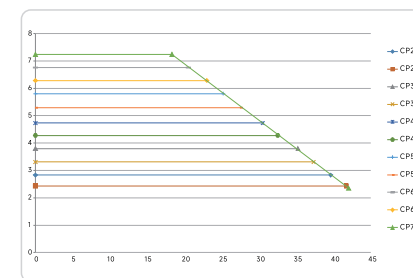
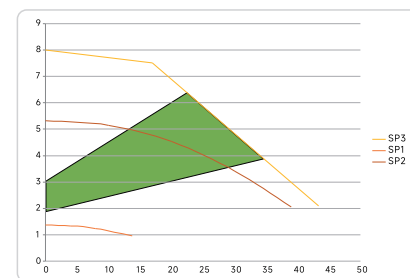
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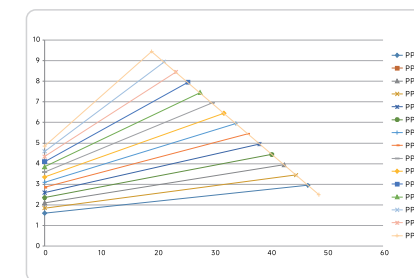
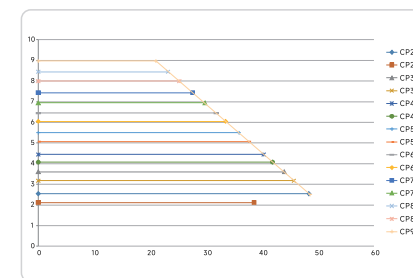
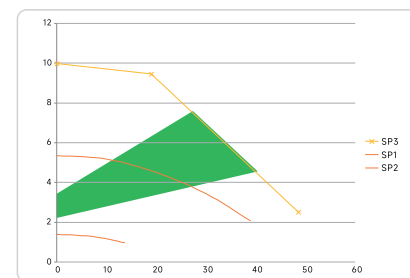
GRS 80 EAB-F Series



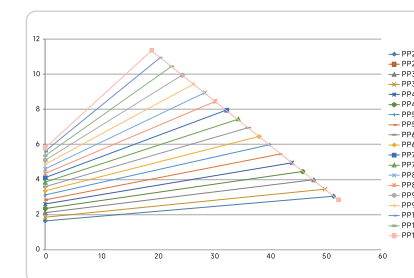
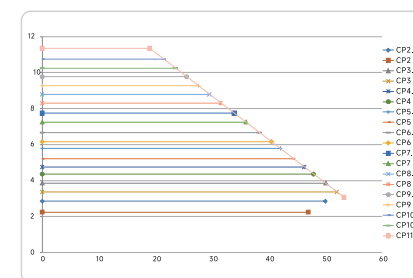
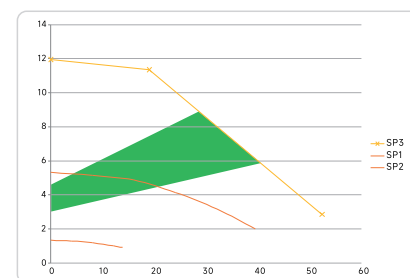
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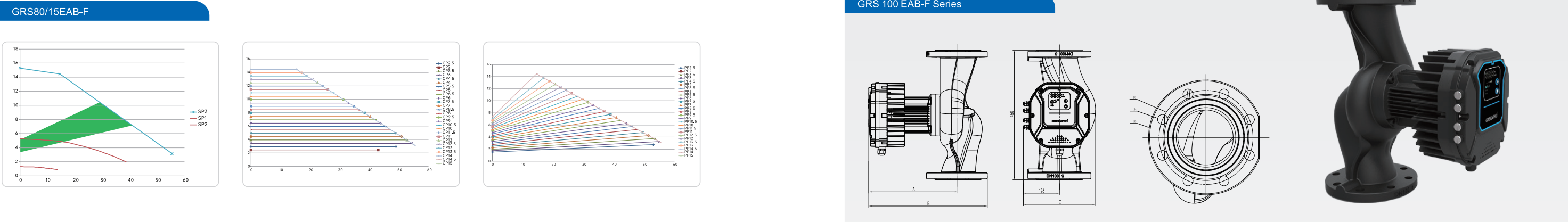


GRS80/10EAB-F



GRS80/12EAB-F

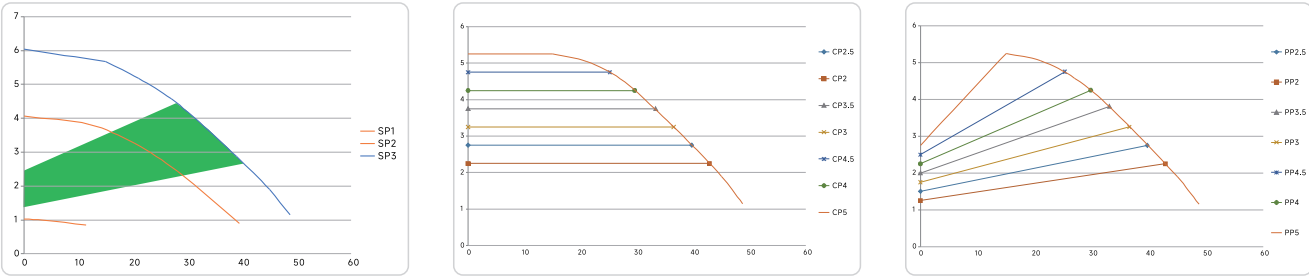




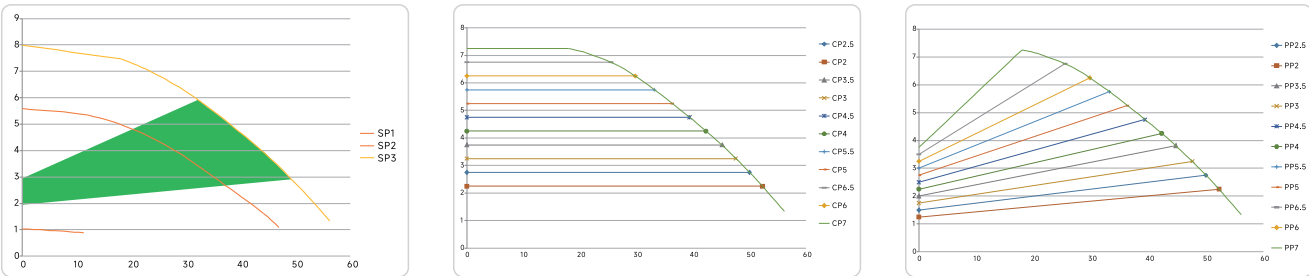
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)				Flange Dimension(mm)					
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	L	A	B	C	D1	D2	D3	D4	D5	
GRS80/8-EAB-F	35-730	43.3	8	●	●	360	298	392	250			160	19	200	DN80
GRS80/10-EAB-F	35-1025	45.6	10												
GRS80/12-EAB-F	35-1300	52.5	12												
GRS80/15-EAB-F	35-1550	55.7	15												

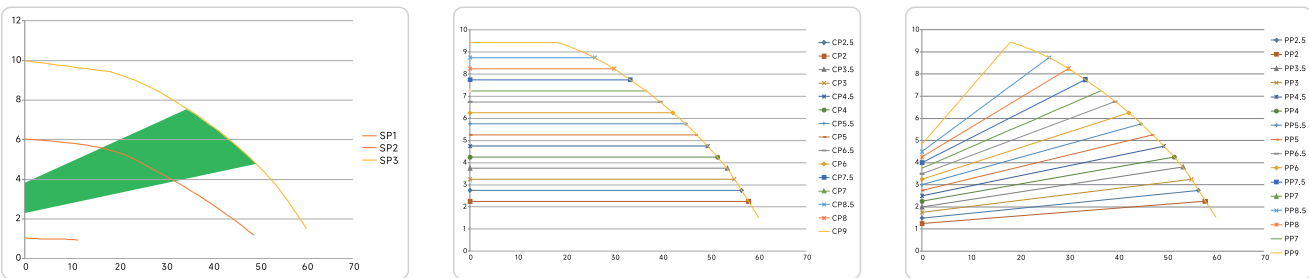
GRS100/6EAB-F



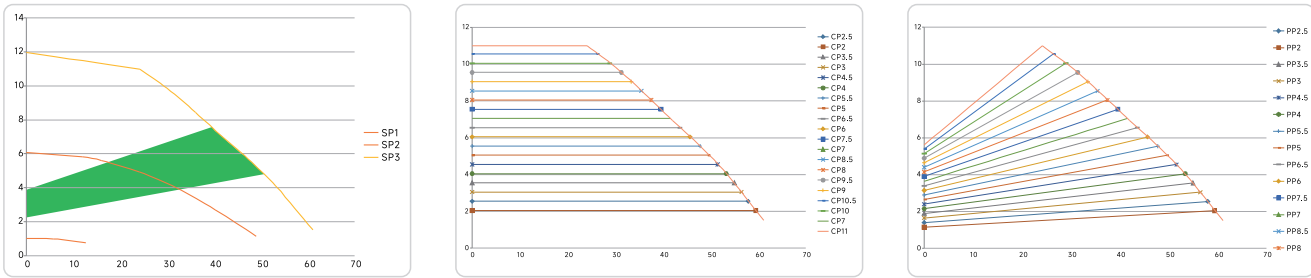
GRS100/8EAB-F



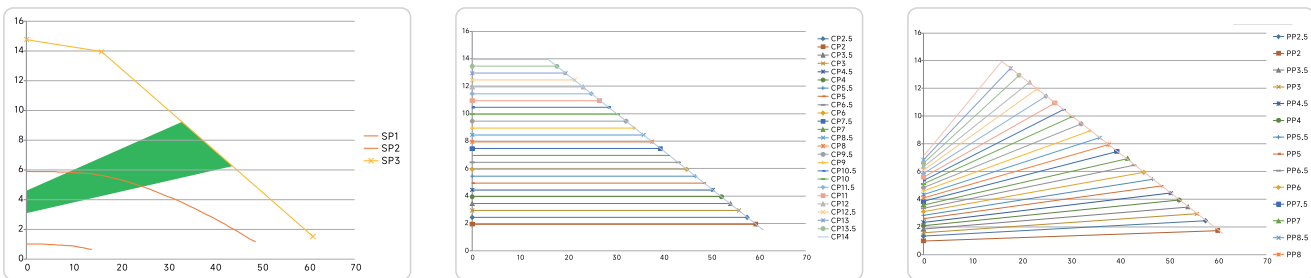
GRS100/10EAB-F



GRS100/12EAB-F

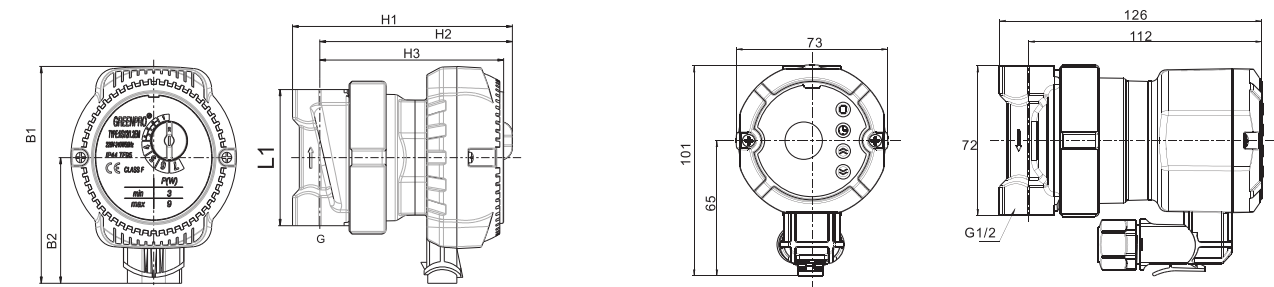


GRS100/15EAB-F



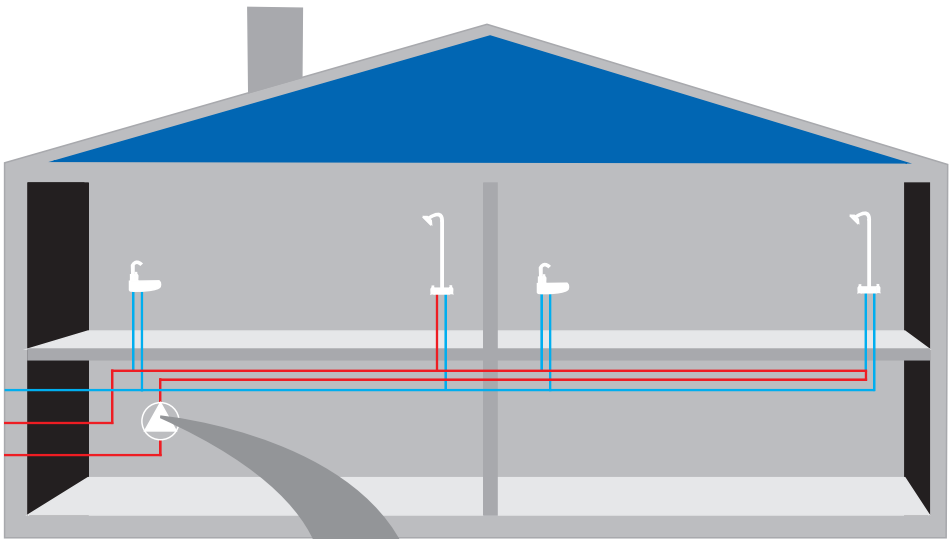
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)				Flange Dimension(mm)				
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	L	A	B	C	D1	D2	D3	D4	D5
GRS100/6-EAB-F	31-690	48.8	6	●	●	450	310	413	252			180	19	220
GRS100/8-EAB-F	31-1085	56.2	8											
GRS100/10-EAB-F	31-1435	60.1	10											
GRS100/12-EAB-F	31-1535	61.1	12											
GRS100/15-EAB-F	31-1535	61.1	15											



Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage	Material of pump body				Dimension(mm)							Weight(Kg)
	(W)	(m³/h)	(m)	(V)	Cast Iron	Plastic	Brass	Stainless steel	L1	B1	B2	H1	H2	H3	G	
RS12/1.2EM	9	0.6	1.2	220/50			●	●	72	103.5	60	113	99	94	1/2"	1.1
RS12/1.2EMB		0.6		220/60			●	●	72	101	65	126	112		1/2"	1.1



Advantages

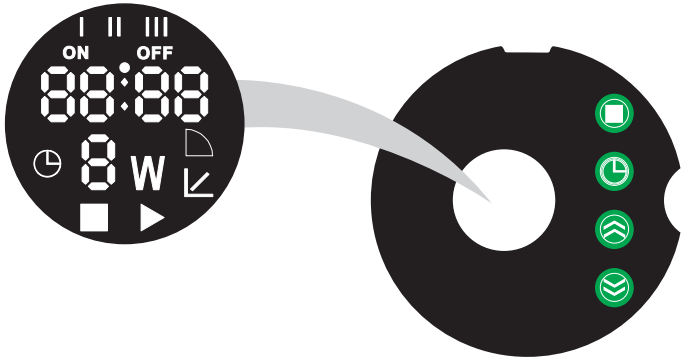
Specially engineered structure ensures exceptional silence

Special construction extremely silent

Low power consumption for economical operation

Time and Temperature control system





I II III	Displayed during time setting, not displayed during normal operation,representing three time periods.
ON OFF	Displayed during time and temperature setting, not displayed during normal operation,representing start and stop
88:88	When setting, display the temperature and time by pressing the button;Display the working time and temperature when working.
⊖	Display when under time and temperature control working mode.
8w	Display working power
▶	Manual working mode
⏻	Auto working mode
■	Stop working
▶	Pump working

Note:



- 1.ON/OFF: for Time setting function: ON means start for time or temperature. OFF means stop for time and temperature.
- 2.Displayed during time and temperature setting, not displayed during normal operation, representing start and stop. But it will display the set Time and temperature in turn with a time interval of 5S.
- 3.If all three times setting periods are set with 0, the pump is working only based on temperature.

Mode change Button:hold it in short time
Function setting:hold it with 3s.Under this mode, hold this button in short time to function set:

- 1.Temperature setting: Temperature on , Temperature off
- 2.Time setting: Setting the Time for I:time for on and off then Time for II : time for on and off , at least is the time for III no operation for 10s, Pump will keep the funcnions above and log out this function

- Time mode change button: hold in short time
Time correction: hold it in 5s

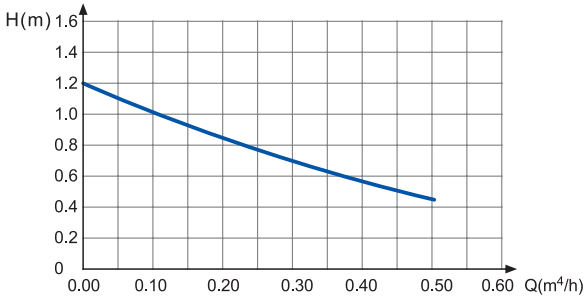
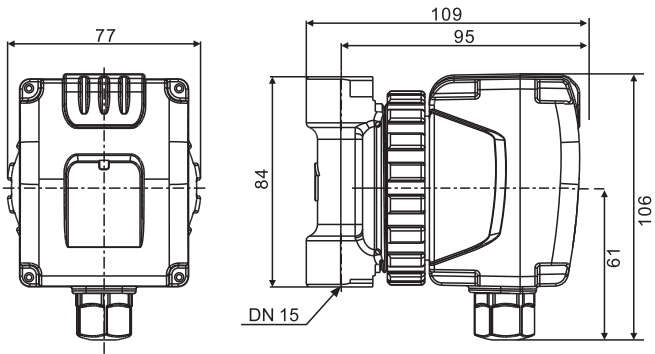
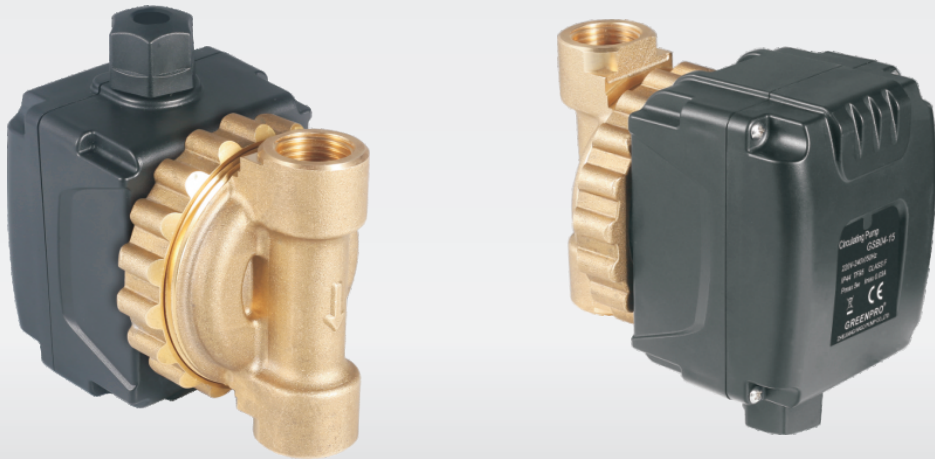
- Additional button: hold in short time to plus 1 under setting function
Forbidden all functions for Temperature: hold it for 5s.

- Subtraction button: hold in short time to minus 1 under the setting function
Forcen the pump to work until the setting Temperature for one time: hold it for 5s

Working Rule:

1. Start Temperature < Stop Temperature: When the pump senses that the water temp. is lower than the Setting start Temp. it will start to work until the temperature rises to the setting stop temperature. It will repeat this work when water temperature is lower.

For example: Start Temp: 38°C, Stop Temp.: 42°C, water temp.: 15°C. The pump works until water temp. reaches 42°C. It will restart when the water temp. is lower than 38°C.



Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	127V/ 60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
GSB04-15B	7	0.5	1.2	●	●	●		●	●	84	77	106	1/2	0.76



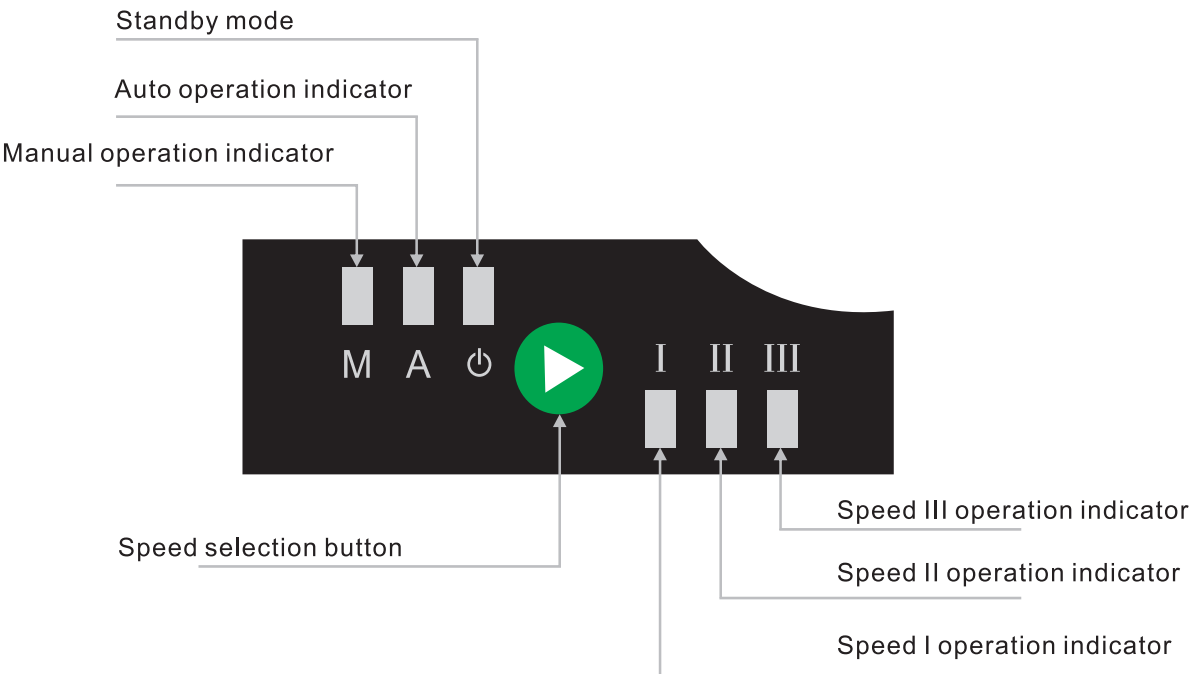
Product advantage

- Economical pump design with easy operation
- Magnetically coupled pump with variable frequency drive, quiet and energy efficient
- Multiple operation modes with real-time power monitoring

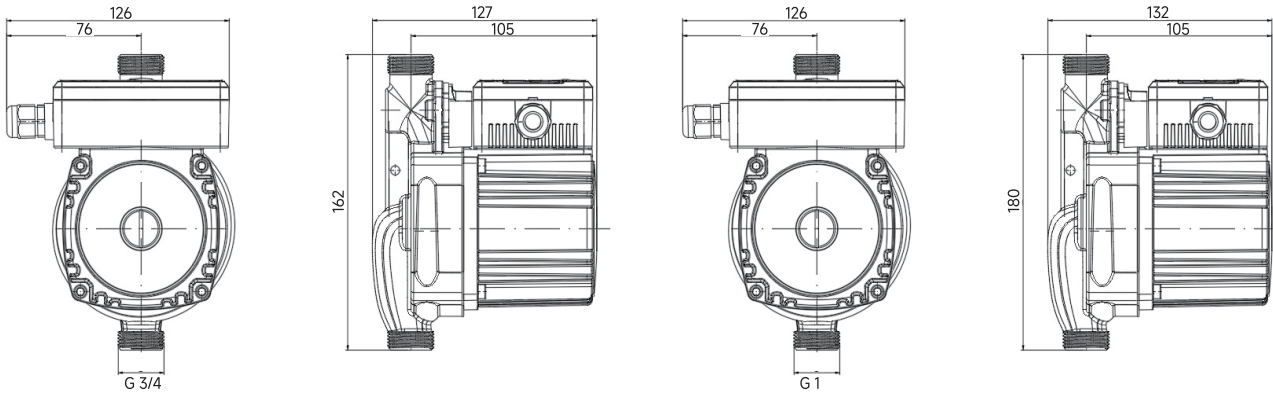
Application Scope

- Residential and commercial water pressure boosting (cold/hot water)
- Industrial machinery supporting equipment

Operation interface

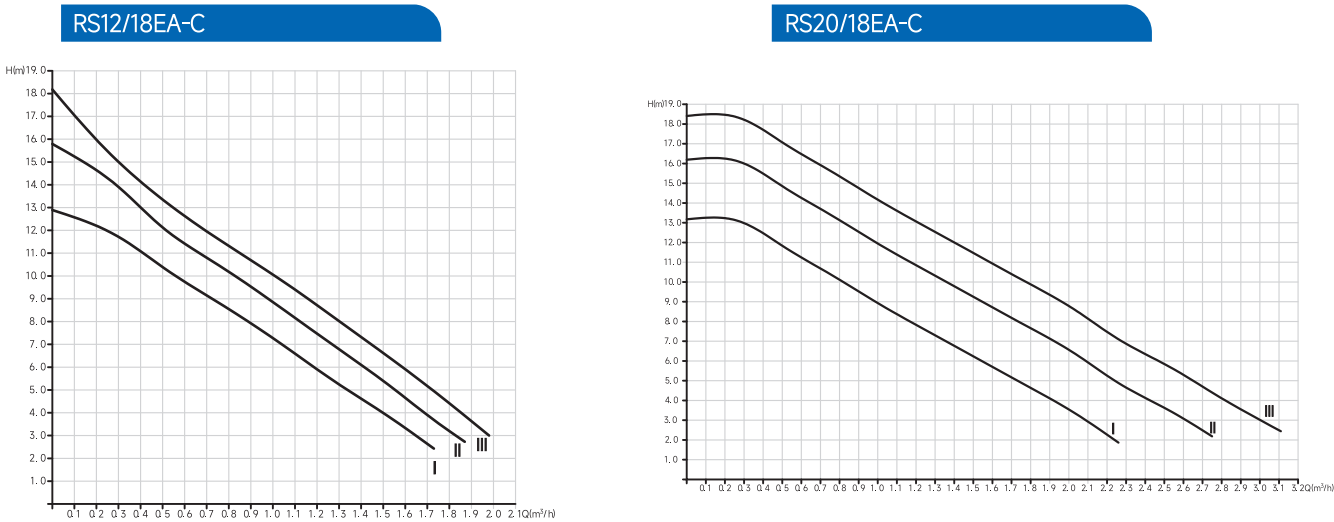


Technical Specifications



Model	Power (w)	Max.Flow (m³/h)	Max.Head (m)	Voltage (V)	Material of pump body			
					Cast Iron	Plastic	Brass	Stainless steel
RS12/18EA-C	120	1.9	18	110~220	●	●	●	●
RS20/18EA-C	150	3.1	18	110~220	●			

Performance curve





Product features

Shielding pump, variable frequency adaptive, quiet and efficient

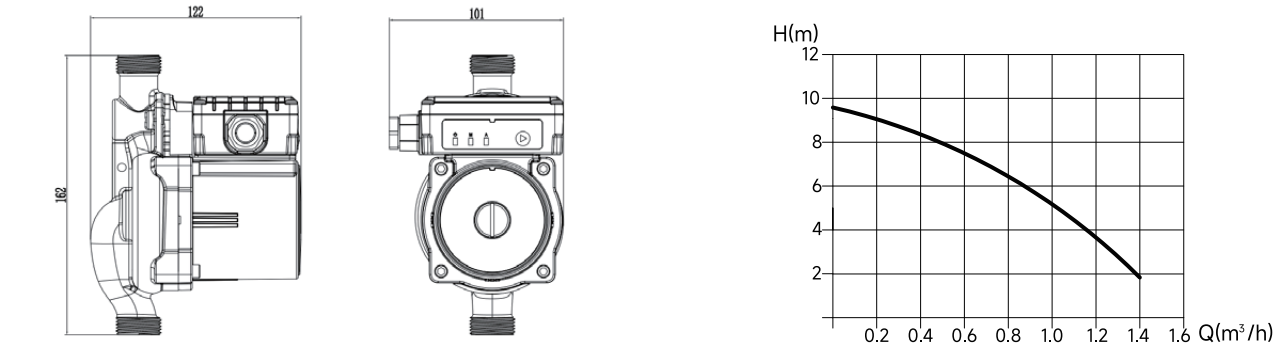
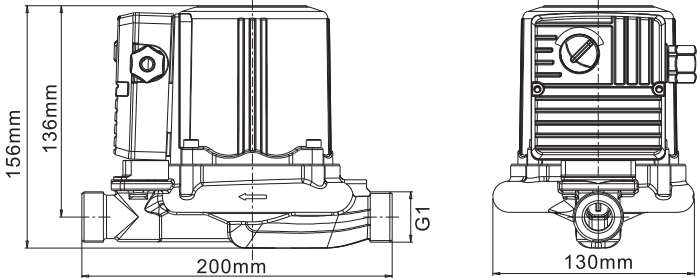
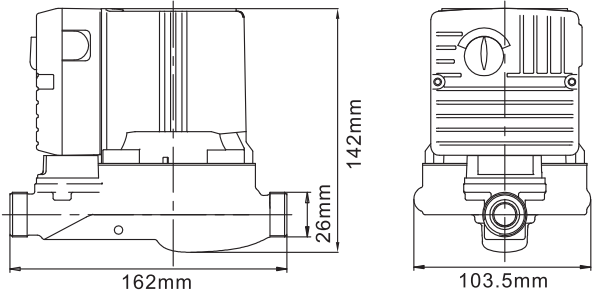
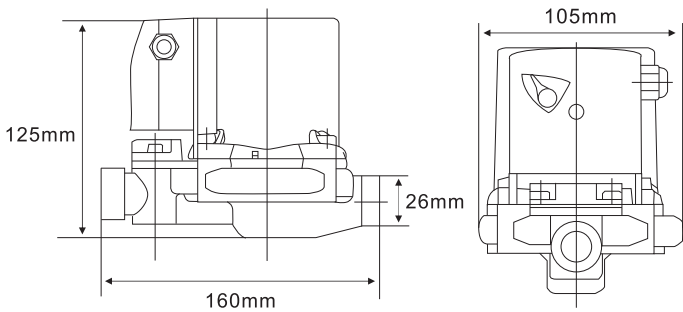
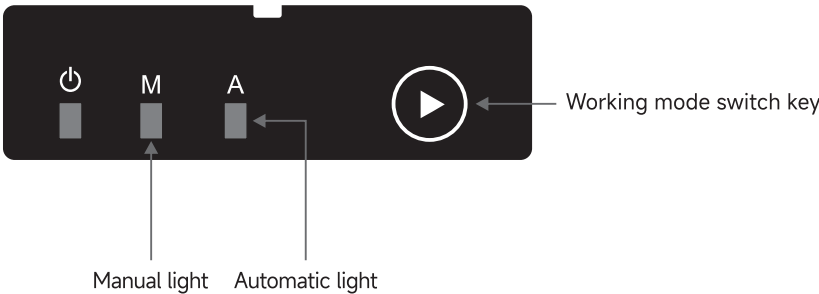
Applications

Air conditioning, refrigeration secondary system
Combined heating and circulation

Materials

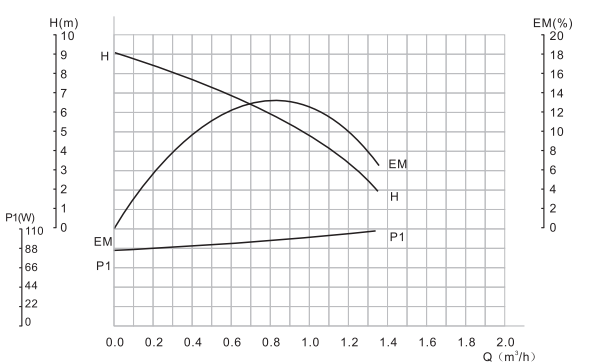
Pump body: cast iron
Impeller: PES
Bearing: Ceramic
Shaft: Ceramic
Motor: International class H high temperature copper wire

Operation interface

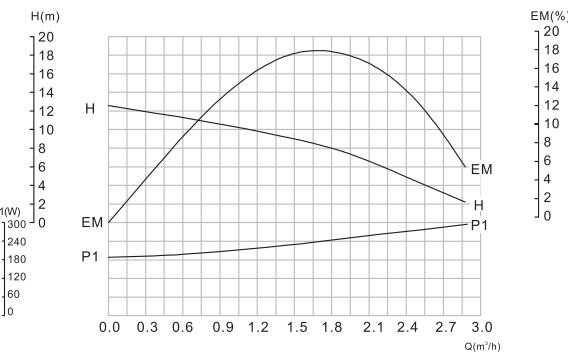


Model	Power	Max.Flow	Max.Head	Voltage	Material of pump body				Dimension(mm)			
	(W)	(m³/h)	(m)	(V)	Cast Iron	Plastic	Brass	Stainless steel	L	B	H	G
ERS12/9EA-C	65	1.5	9	220/50					162	101	122	3/4

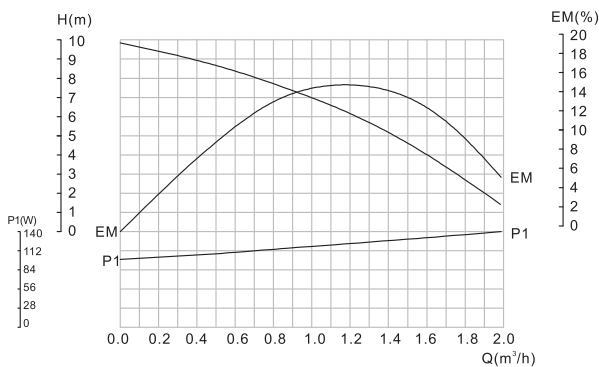
RS12/9G(GS/GP/GB)



RS20/12Z(ZS)



RS12/10G(GS/GP/GB)



Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage			Pump housing design			Dimension(mm)				Weight (Kg)
	(W)	(m³/h)	(m)	220V/ 50HZ	220V/ 60HZ	127V/ 60HZ	G type	T type	E type	L	B	H	G	
RS12/9G	105	1.38	9	●	●	●	●	●	●	160	105	125	3/4"	2.4
RS12/9GP														2.2
RS12/9GS														2.4
RS12/9GB														2.6
RS12/10G	140	1.8	10	●	●	●	●	●	●	162	103.5	142	3/4"	2.8
RS12/10GP														2.6
RS12/10GS														2.8
RS12/10GB														3.0
RS20/12Z	275	3.1	12	●	●	●	●	●	●	200	130	156	1"	4.5
RS20/12ZS														4.3

GREENPRO®

Variable frequency
Booster pump

CE

ISO 9001

www.greenpro.cn



WGZ15/45EA

Product functions

Designed for household well water and municipal tap water pressurization, as well as domestic heating system circulation.

Unlike conventional self-priming pumps, its fully shielded structure significantly reduces noise levels while eliminating water leakage issues. Capable of handling both high- and low-temperature water, this dual-function solution operates as an automatic booster or circulation system. Users can seamlessly switch between pressurization mode and circulation mode within the same unit based on actual needs.

Product advantage

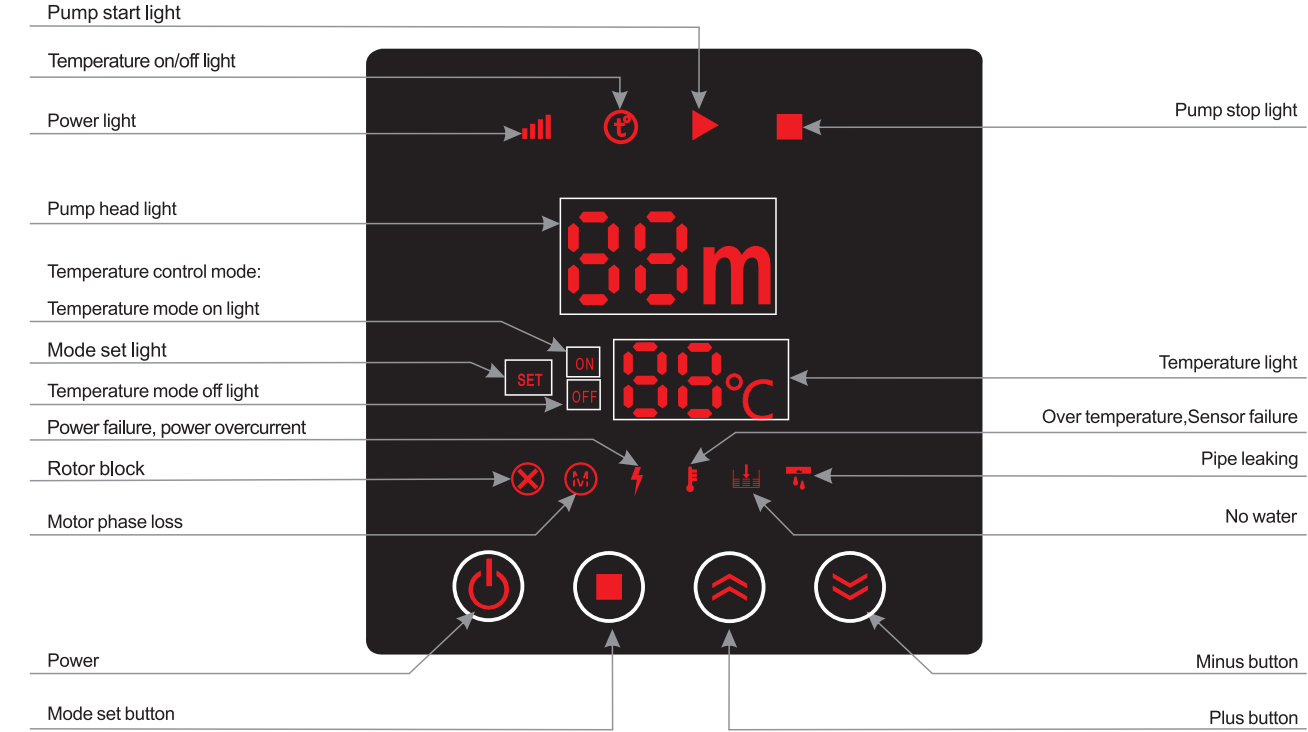
- Permanent magnet motor
- Frequency conversion technology
- Temperature control
- Use hot and cold water at the same time- -pressurization and circulation.
- Rotor lock prevention
- Under voltage safeguarding
- Abnormal temperature alert system
- Dry-running protection
- Leak detection mechanism
- Memory function
- Constant voltage automatic function

Applications

Ideal for residential applications including: Hot water loop circulation; Tap water pressure boosting; Garden irrigation systems; Greenhouse water supply management; General household water distribution

The WGZ15/45EA model intelligently adjusts power output and head pressure according to real-time water demand, ensuring consistent flow rates under varying load conditions. Its adaptive performance guarantees stable operation across diverse household scenarios.

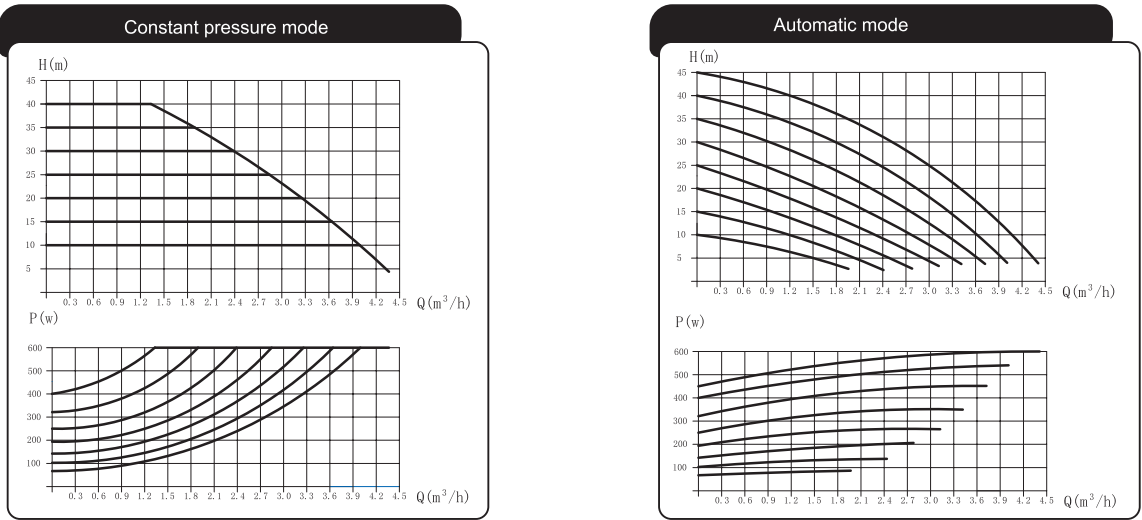
Operation interface



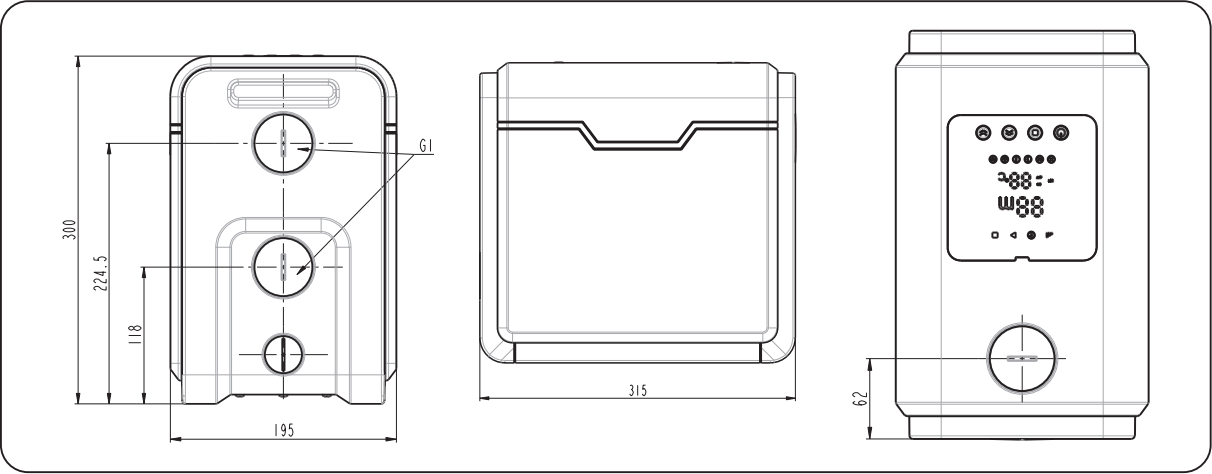
The diagram illustrates the operation interface of the WGZ15/45EA pump unit. It features a central digital display showing '88m' and '88°C'. Surrounding the display are various indicator lights and buttons. The indicator lights include: Pump start light, Temperature on/off light, Power light, Pump head light, Temperature control mode, Temperature mode on light, Mode set light, Temperature mode off light, Power failure, power overcurrent, Rotor block, Motor phase loss, Pump stop light, Temperature light, Over temperature, Sensor failure, Pipe leaking, and No water. The buttons include: Power, Mode set button, Minus button, and Plus button.

Model	Connection Size (Inch)	Rated flow (m³/h)	Rated head (m)	Max. Head (m)	Rated Power (W)	Input Power (W)
WGZ 15/45EA	1"	2.5	25	45	600	600

Performance curve



Installation dimension



Temperature	°C	
Ambient temperature	2~40	
Liquid temperature	2~95	
⚠ The ambient temperature should always be lower than the liquid temperature, otherwise condensation may occur in the stator housing. If the ambient temperature is too low, antifreeze work should be done, and the accumulated water in the pump body should be removed when not in use to prevent frost cracking.		
pressure	bar	Mpa
Maximum System pressure	10	1
Maximum inlet pressure	3	0.3
⚠ To avoid noise from cavitation and damage to pump bearings, a minimum inlet pressure must be maintained at the pump inlet.		
Performance		
Maximum head	45m	
IP class	X4D (Outdoor installation)	
Pump liquid	Clean water	

WGZ15/35EA

Product functions

Designed for household well water and municipal tap water pressurization, as well as domestic heating system circulation.

Unlike conventional self-priming pumps, its fully shielded structure significantly reduces noise levels while eliminating water leakage issues. Capable of handling both high- and low-temperature water, this dual-function solution operates as an automatic booster or circulation system. Users can seamlessly switch between pressurization mode and circulation mode within the same unit based on actual needs.

Product advantage

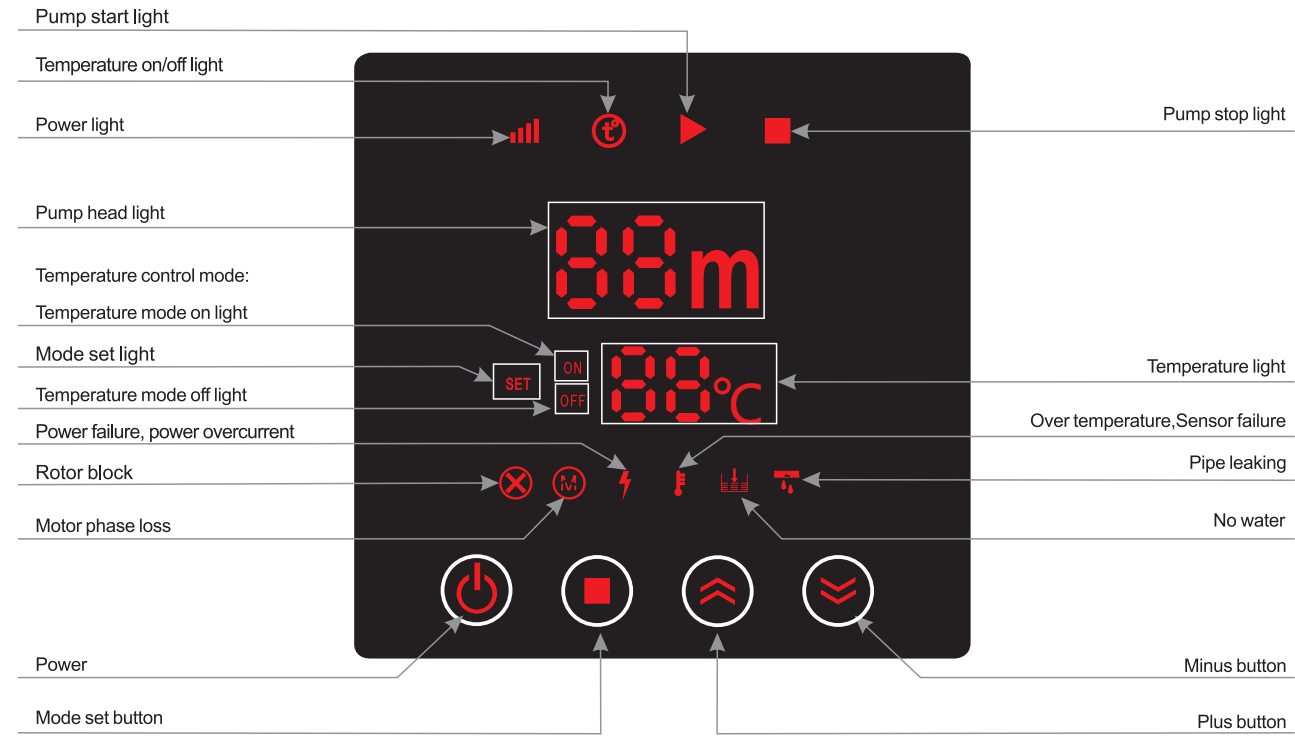
- Permanent magnet motor
- Frequency conversion technology
- Temperature control
- Use hot and cold water at the same time- -pressurization and circulation.
- Rotor lock prevention
- Under voltage safeguarding
- Abnormal temperature alert system
- Dry-running protection
- Leak detection mechanism
- Memory function
- Constant voltage automatic function

Applications

Ideal for residential applications including: Hot water loop circulation; Tap water pressure boosting; Garden irrigation systems; Greenhouse water supply management; General household water distribution

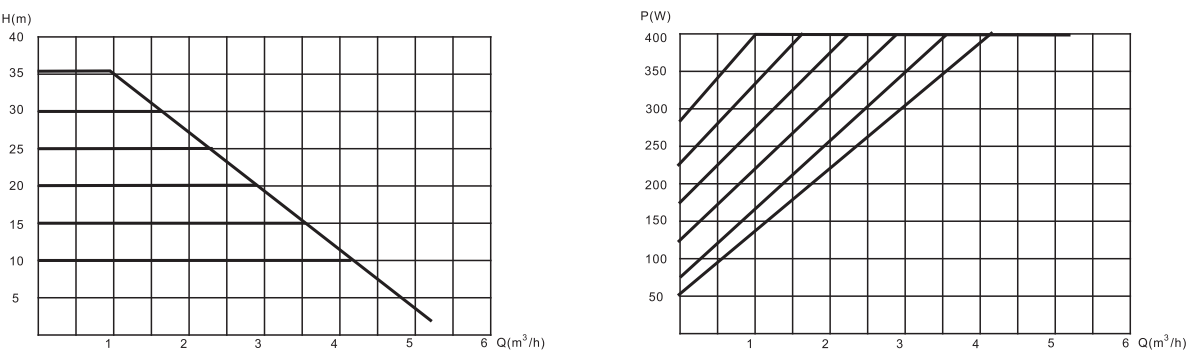
The WGZ15/35EA model intelligently adjusts power output and head pressure according to real-time water demand, ensuring consistent flow rates under varying load conditions. Its adaptive performance guarantees stable operation across diverse household scenarios.

Operation interface

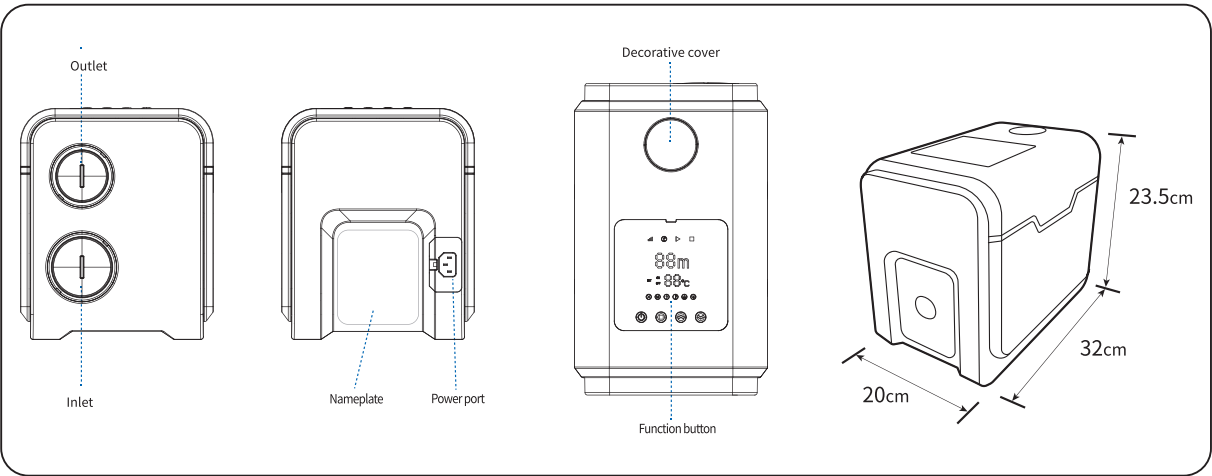


Model	Connection Size (Inch)	Rated flow (m³/h)	Rated head (m)	Max. Head (m)	Rated Power (W)	Input Power (W)
WGZ15/35EA	1"	2.2	25	35	400	400

Performance curve



Installation dimension



Temperature	°C	
Ambient temperature	2~40	
Liquid temperature	2~95	
⚠ The ambient temperature should always be lower than the liquid temperature, otherwise condensation may occur in the stator housing. If the ambient temperature is too low, antifreeze work should be done, and the accumulated water in the pump body should be removed when not in use to prevent frost cracking.		
pressure	bar	Mpa
Maximum System pressure	10	1
Maximum inlet pressure	3	0.3
⚠ To avoid noise from cavitation and damage to pump bearings, a minimum inlet pressure must be maintained at the pump inlet.		
Performance		
Maximum head	35m	
IP class	X4D (Outdoor installation)	
Pump liquid	Clean water	



Product functions
Designed for household well water and municipal tap water pressurization, as well as domestic heating system circulation.

Unlike conventional self-priming pumps, its fully shielded structure significantly reduces noise levels while eliminating water leakage issues. Capable of handling both high- and low-temperature water, this dual-function solution operates as an automatic booster or circulation system. Users can seamlessly switch between pressurization mode and circulation mode within the same unit based on actual needs.

Product advantage

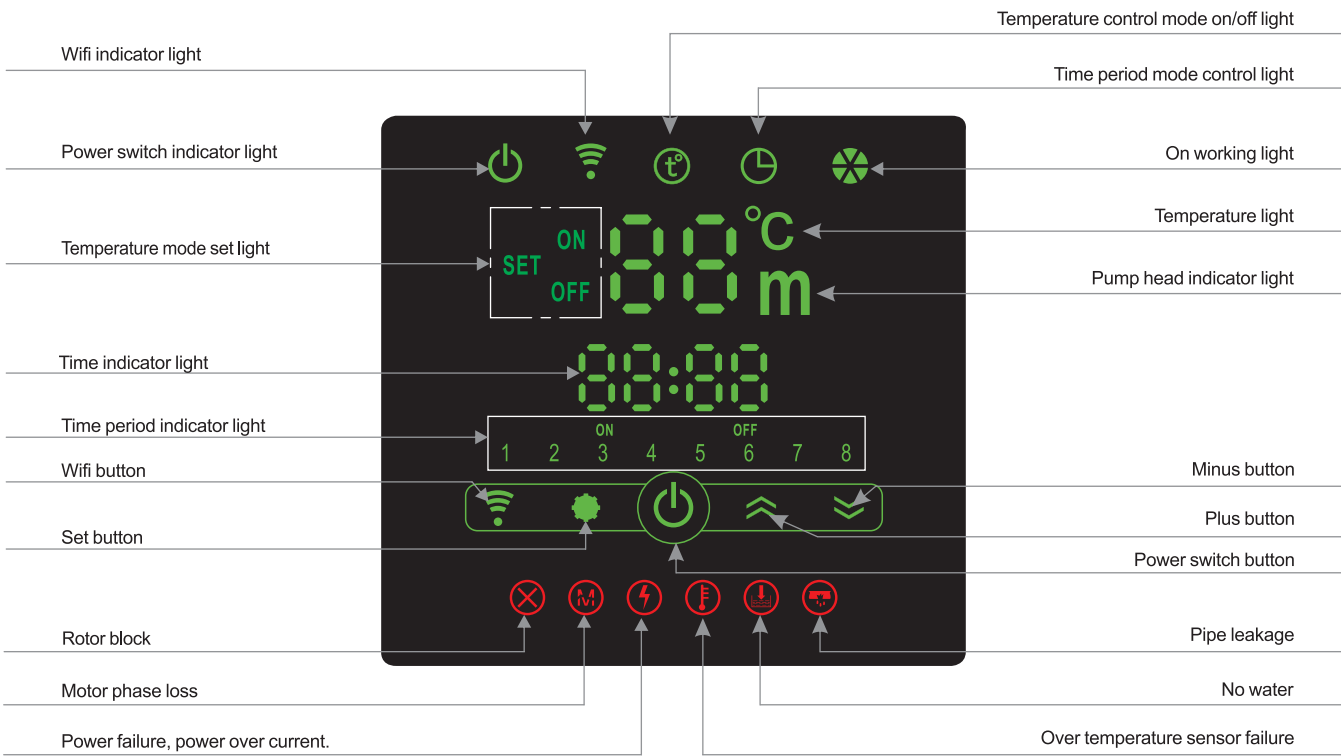
- Permanent magnet motor
- Frequency conversion technology
- Temperature control
- Use hot and cold water at the same time- -pressurization and circulation.
- Rotor lock prevention
- Under voltage safeguarding
- Abnormal temperature alert system
- Dry-running protection
- Leak detection mechanism
- Memory function
- Constant voltage automatic function

Applications

Ideal for residential applications including: Hot water loop circulation; Tap water pressure boosting; Garden irrigation systems; Greenhouse water supply management; General household water distribution

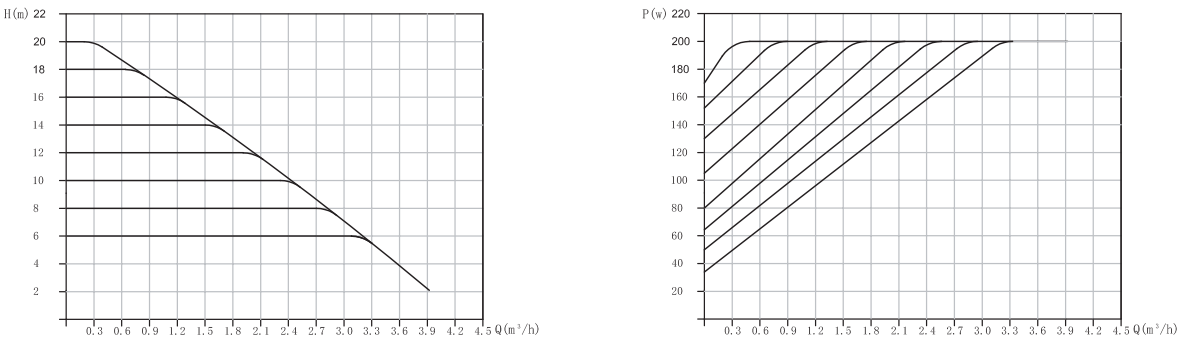
The WGZ15/20EA model intelligently adjusts power output and head pressure according to real-time water demand, ensuring consistent flow rates under varying load conditions. Its adaptive performance guarantees stable operation across diverse household scenarios.

Operation interface

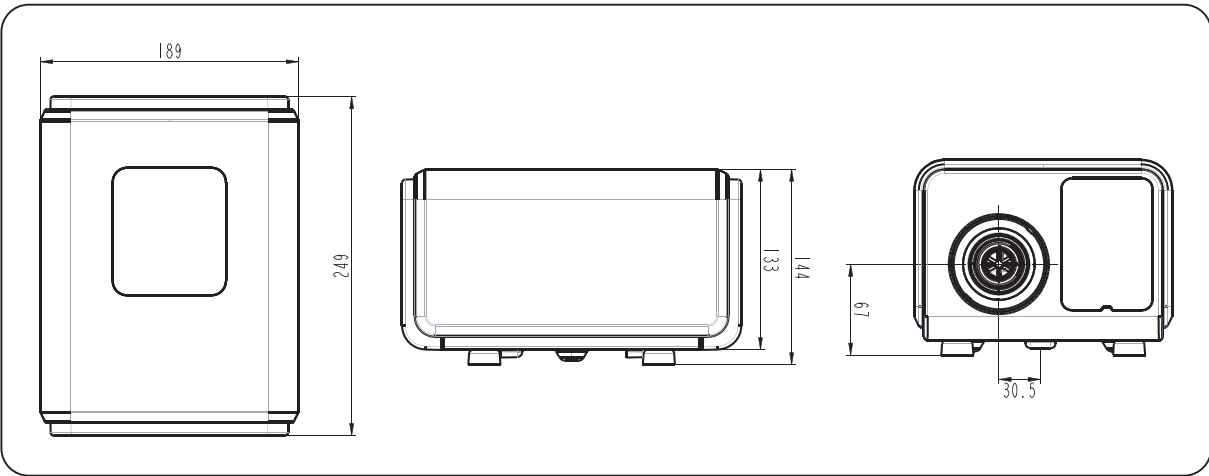


Model	Connection Size (Inch)	Rated flow (m³/h)	Rated head (m)	Max. Head (m)	Rated Power (W)	Input Power (W)
WGZ 15/20EA	1"	2.2	12	20	200	200

Performance curve



Installation dimension



Temperature	°C	
Ambient temperature	2~40	
Liquid temperature	2~95	
 The ambient temperature should always be lower than the liquid temperature, otherwise condensation may occur in the stator housing. If the ambient temperature is too low, antifreeze work should be done, and the accumulated water in the pump body should be removed when not in use to prevent frost cracking.		
pressure	bar	Mpa
Maximum System pressure	10	1
Maximum inlet pressure	3	0.3
 To avoid noise from cavitation and damage to pump bearings, a minimum inlet pressure must be maintained at the pump inlet.		
Performance		
Maximum head	20m	
IP class	X4D (Outdoor installation)	
Pump liquid	Clean water	



WGZ15/35EAD

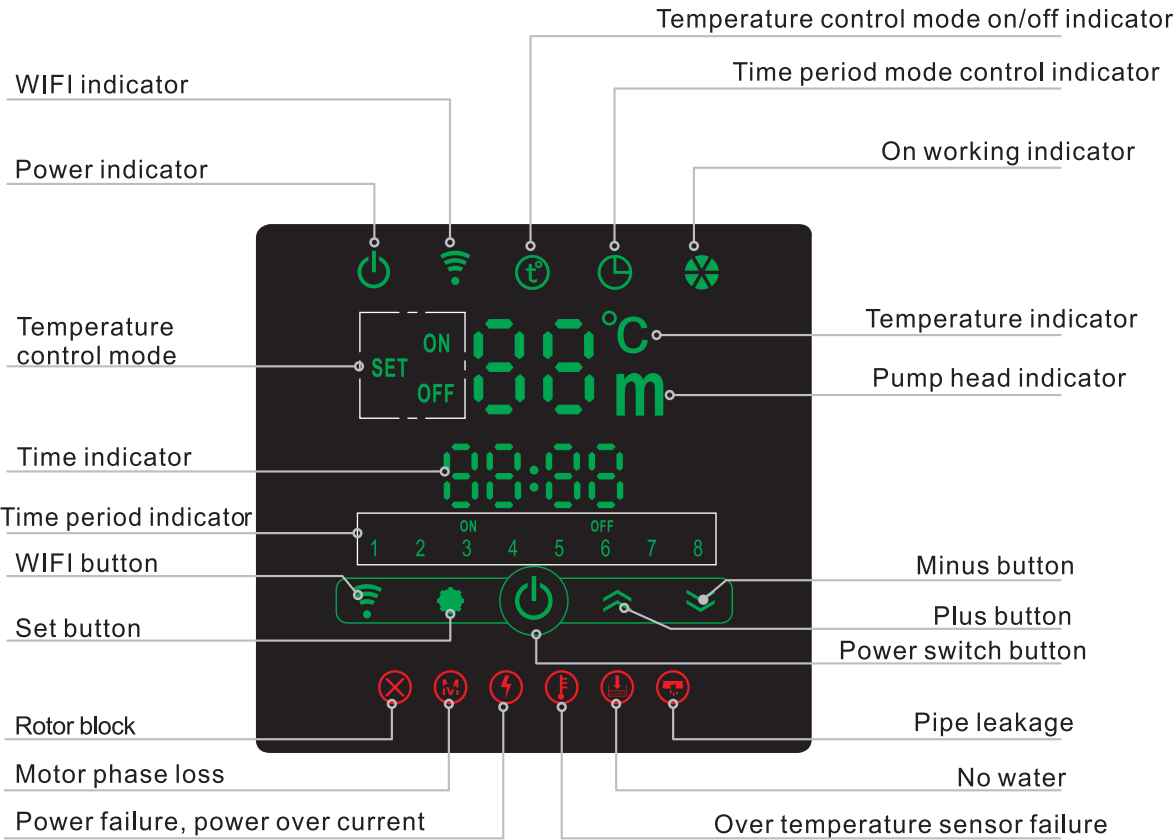
Product advantage

- Economical pump, easy to operate
- Shielding pump, variable frequency self-adaptation, no noise and high efficient
- Multiple working modes, display the working power in real time

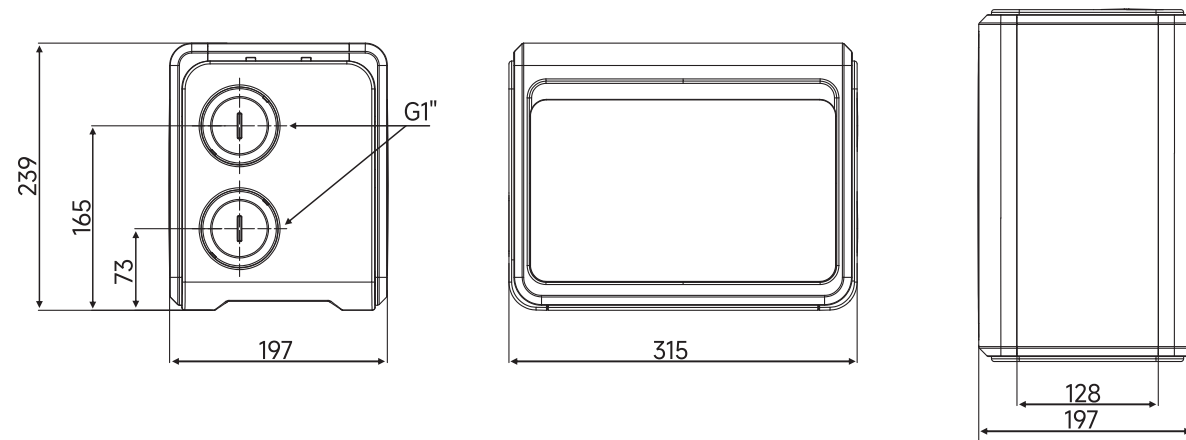
Application Scope

- For household and commercial water pressure boosting, as well as hot water pressure boosting
- Supporting for industrial mechanical equipment

Operation interface

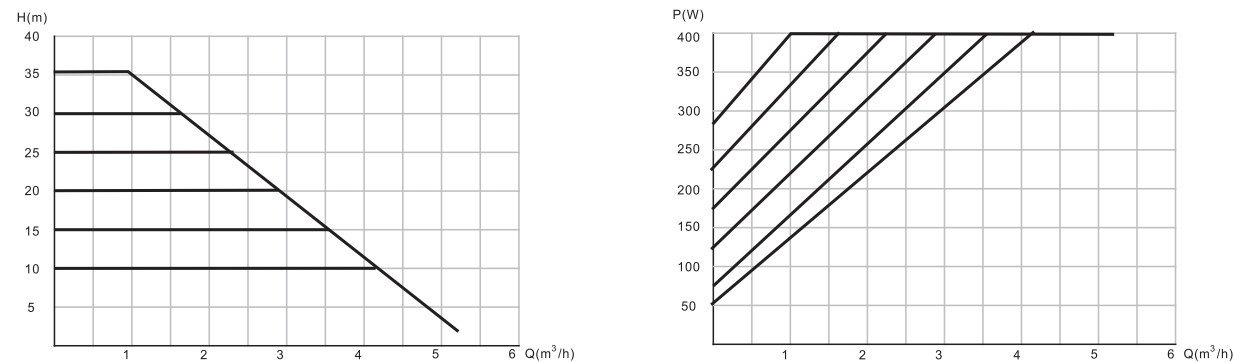


Technical parameter



Model	Pipe diameter (inch)	Rated Flow (m³/h)	Rated Head (m)	Max.Head (m)	Rated Power (w)	Input Power (w)
WGZ15/35EAD	1"	2.2	25	35	400	400

Performance curve



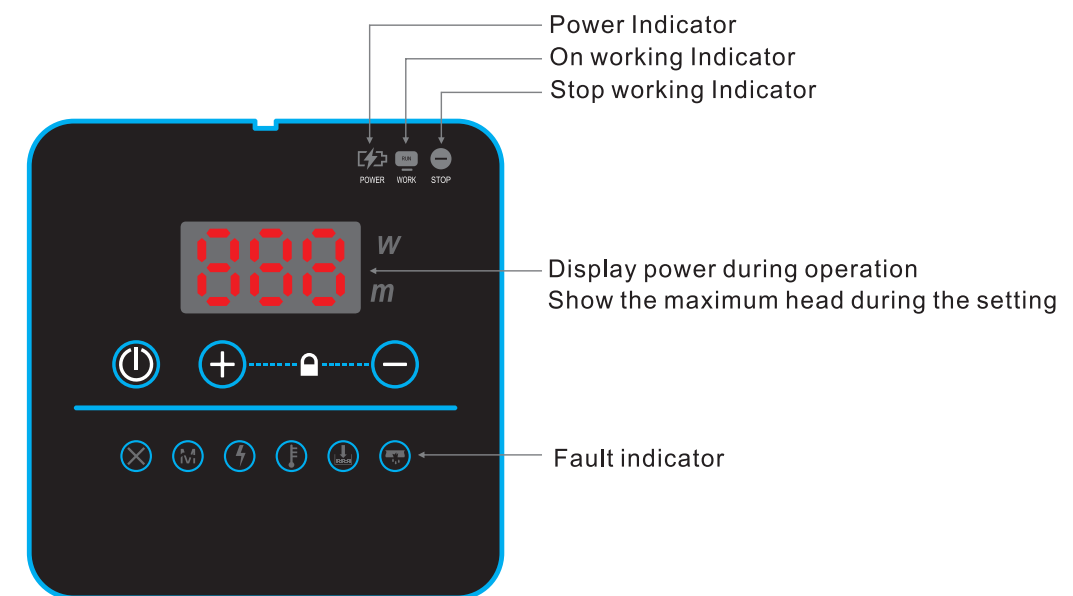
Product advantage

- Economical pump, easy to operate
- Shielding pump, variable frequency self-adaptation, no noise and high efficient
- Multiple working modes, display the working power in real time

Application Scope

- For household and commercial water pressure boosting, as well as hot water pressure boosting
- Supporting for industrial mechanical equipment

Operation interface



Power switch Button

1. When it is in the power-off state, press the power button lightly once to turn it on.
2. When it is powered on, long press the power button for 5 seconds to turn it off.

Plus Button

1. When the water pump is in operation, it is directly used to adjust the maximum head.
2. Adjust the value when setting the temperature.

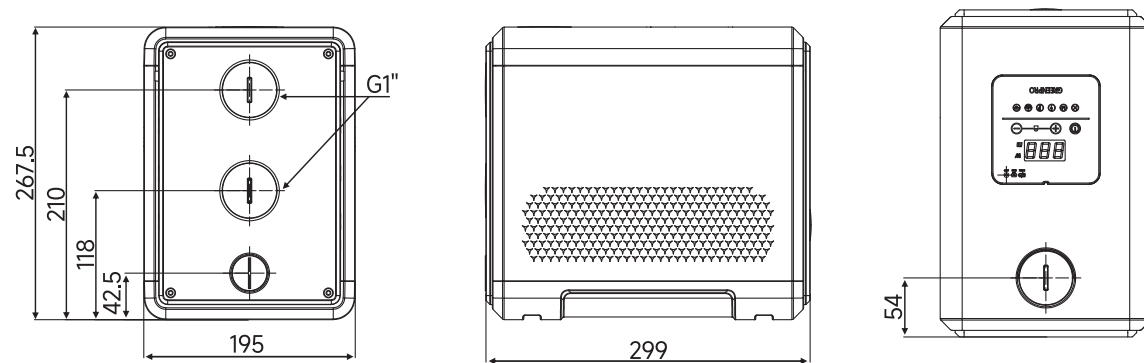
Minus Button

1. When the water pump is running, it is directly used to adjust the maximum head.
2. When setting the temperature, adjust the value.

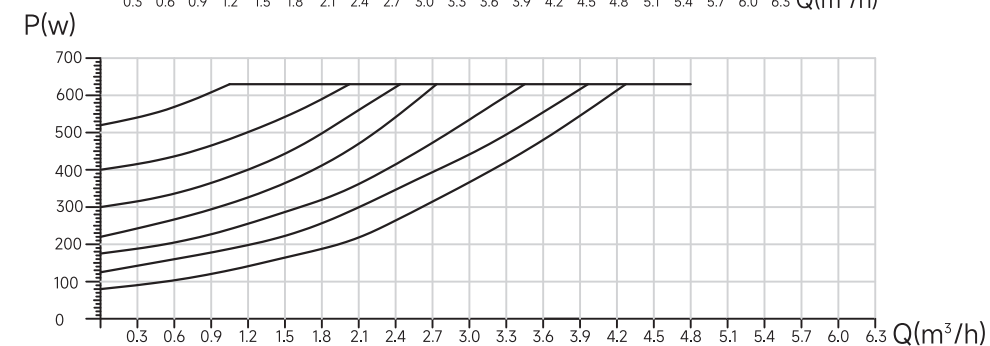
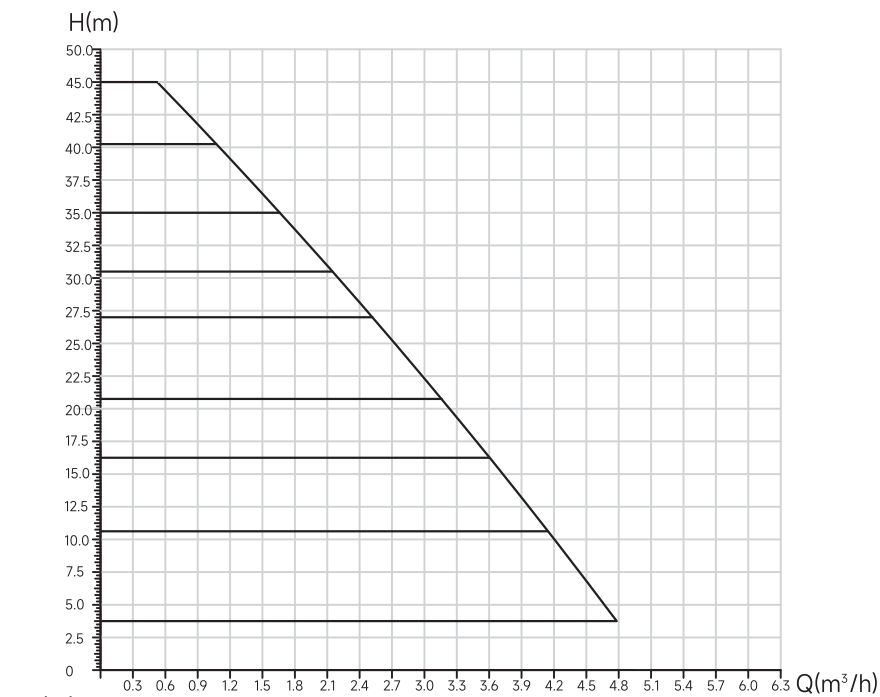
Child Lock

1. When the water pump is running, long-press the **+** and the **-** simultaneously to enter the child lock mode. In the child lock mode, the button functions cannot be used. Long-press the **+** and the **-** again to exit the child lock mode.

Technical parameter



Model	Pipe diameter (inch)	Rated Flow (m³/h)	Rated Head (m)	Max.Head (m)	Rated Power (w)	Input Power (w)
WGZ15-45EA-C	1"	2.5	25	45	600	600



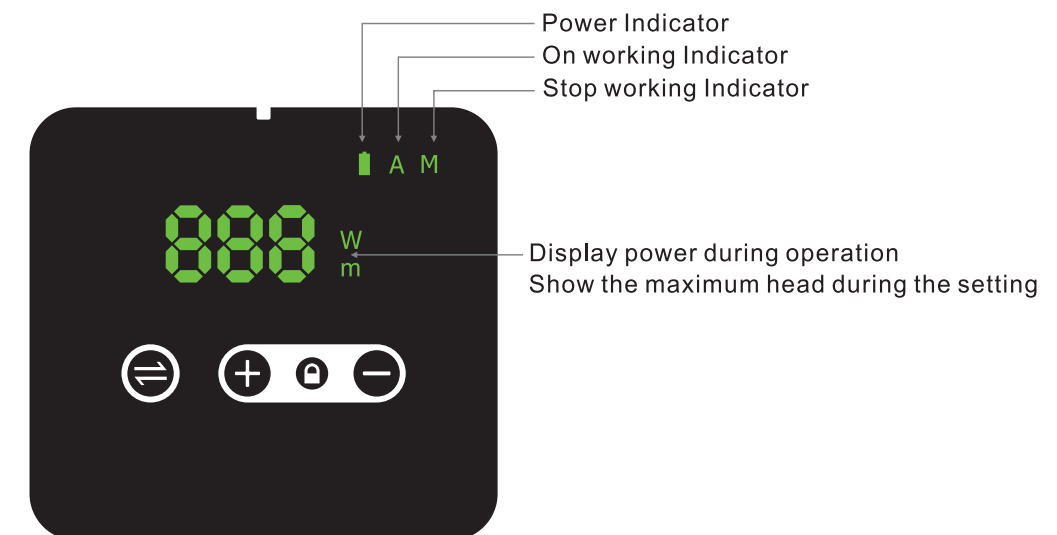
Product advantage

- Economical pump, easy to operate
- Shielding pump, variable frequency self-adaptation, no noise and high efficient
- Multiple working modes, display the working power in real time

Application Scope

- For household and commercial water pressure boosting, as well as hot water pressure boosting
- Supporting for industrial mechanical equipment

Operation interface



⏻ Power switch Button

1. When it is in the power-off state, press the power button lightly once to turn it on.
2. When it is powered on, long press the power button for 5 seconds to turn it off.

+ Plus Button

1. When the water pump is in operation, it is directly used to adjust the maximum head.
2. Adjust the value when setting the temperature.

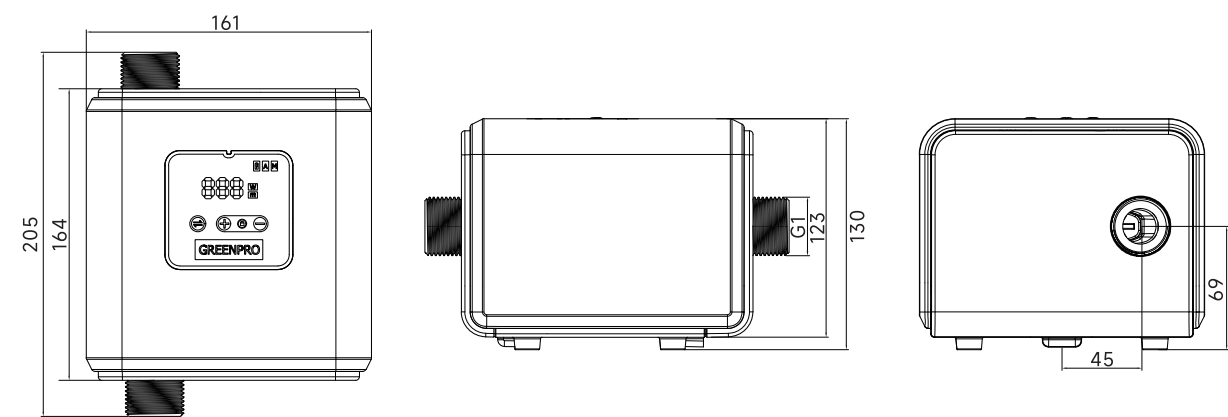
- Minus Button

1. When the water pump is running, it is directly used to adjust the maximum head.
2. When setting the temperature, adjust the value.

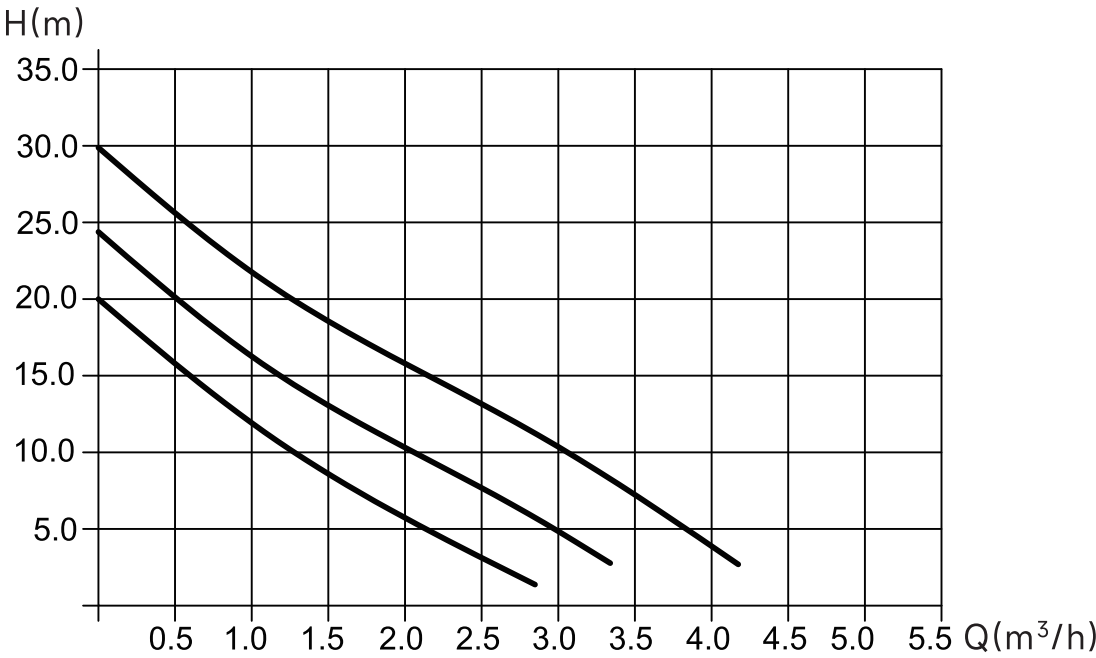
🔒 Child Lock

1. When the water pump is running, long-press the + and the - simultaneously to enter the child lock mode. In the child lock mode, the button functions cannot be used. Long-press the + and the - again to exit the child lock mode.

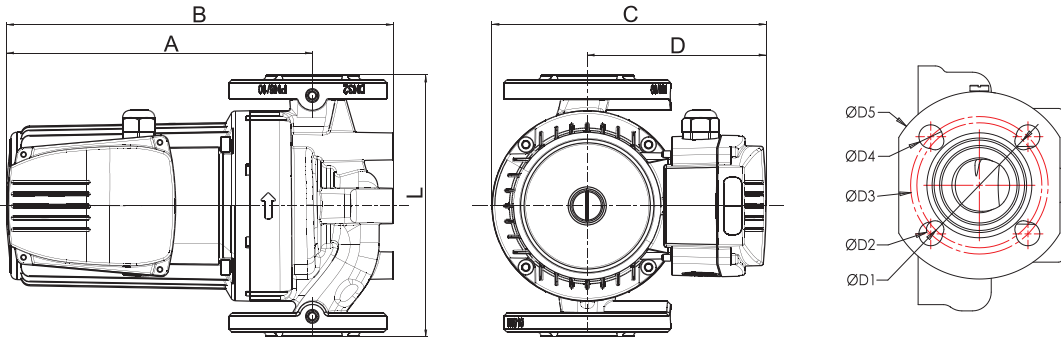
Technical parameter



Model	Pipe diameter (inch)	Rated Flow (m³/h)	Rated Head (m)	Max.Head (m)	Rated Power (w)	Input Power (w)
WGZ-20-30EA-C	1"	1.8	17	30	280	280



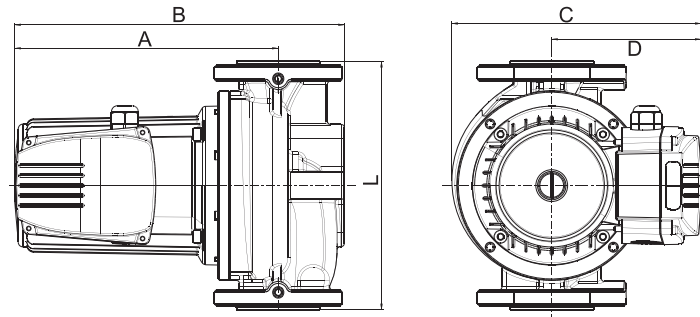
GRS 32 Series



Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)					Flange Dimension(mm)				
	(W)	(m³/h)	(m)	220V/ 50Hz	380V/ 50Hz	A	B	D	C	L	D5	D4	D3	D2	D1
GRS32-6F/220	200/206/247	7.1/8.3/9.0	5.8/6.2/6.4			223	292	80	230	220	140	19	100	14	90
GRS32-6F/380	154/174/235	8.1/8.5/9.7	5.6/5.8/6.3			223	292	80	230	220	140	19	100	14	90
GRS32-9F/220	300/339/400	8.0/10.3/11.8	8.3/8.9/9.2			223	292	80	230	220	140	19	100	14	90
GRS32-9F/380	257/278/374	9.8/10.6/12.4	8.0/8.3/9.2			223	292	80	230	220	140	19	100	14	90
GRS32-12F/220	556/583/652	12.3/13.5/14	12.2/12.4/12.7			253	321	80	230	220	140	19	100	14	90
GRS32-12F/380	412/454/621	11.2/12.1/14.2	10.8/11.4/12.6			223	291	80	230	220	140	19	100	14	90

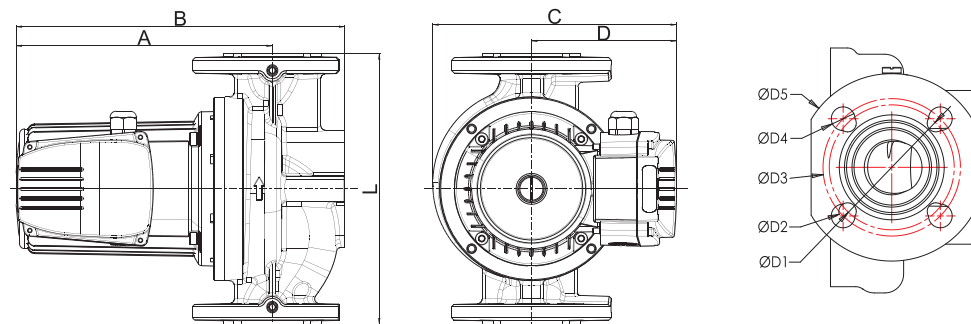
GRS 40 Series



Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)					Flange Dimension(mm)				
	(W)	(m³/h)	(m)	220V/ 50Hz	380V/ 50Hz	A	B	D	C	L	D5	D4	D3	D2	D1
GRS40-6F/220	217/233/260	8.14/9.9/10.8	5.4/5.7/6			230	298	80	230	250	150	19	110	14	100
GRS40-6F/380	175/192/256	9.0/9.5/10.8	5.2/5.4/6			230	298	80	230	250	150	19	110	14	100
GRS40-9F/220	535/556/568	12.4/13.4/14	9.1/9.6/10			262	329	100	250	250	150	19	110	14	100
GRS40-9F/380	384/431/569	11.3/12.1/13.7	8.3/8.8/10			232	299	100	250	250	150	19	110	14	100
GRS40-13F/220	691/733/801	12.4/14.7/15.8	11/12.1/12.8			262	329	100	250	250	150	19	110	14	100
GRS40-13F/380	476/542/751	11.6/12.7/15.3	9.5/10.4/12.5			232	299	100	250	250	150	19	110	14	100
GRS40-18F/220	770/893/1100	11/14.2/16.2	13.7/15.9/17.2			262	329	100	250	250	150	19	110	14	100
GRS40-18F/380	594/707/1086	11.3/12.8/16.5	11.2/13.1/17.5			262	329	100	250	250	150	19	110	14	100

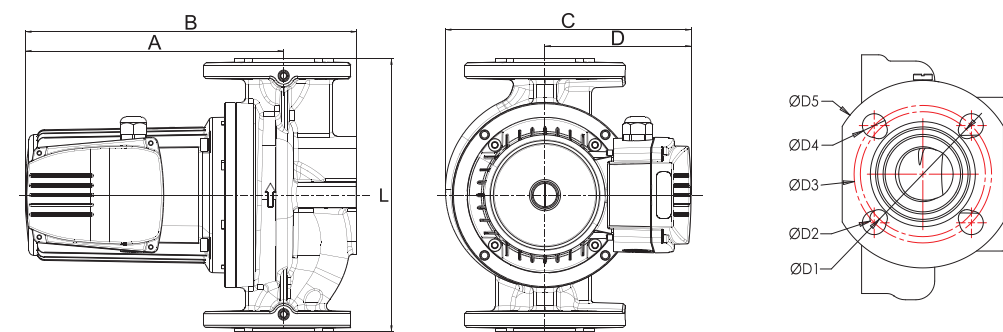
GRS 50 Series



Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)					Flange Dimension(mm)				
	(W)	(m³/h)	(m)	220V/ 50Hz	380V/ 50Hz	A	B	D	C	L	D5	D4	D3	D2	D1
GRS50-6F/220	315/370/430	9.4/13.1/15.8	5.6/6.0/6.2			210	280	89	240	280	165	19	125	14	110
GRS50-6F/380	230/270/490	11.4/12.6/15.4	5.0/5.4/6.1			210	280	89	240	280	165	19	125	14	110
GRS50-9F/220	643/668/763	16.5/18.9/20.4	8.9/9.2/9.4			240	310	89	240	280	165	19	125	14	110
GRS50-9F/380	455/500/770	15.2/17.0/20.1	7.6/8.3/9.1			210	280	89	240	280	165	19	125	14	110
GRS50-13F/220	780/963/1186	15.2/20.8/24.8	11.5/12.7/13.2			262	337	102	252	280	165	19	125	14	110
GRS50-13F/380	620/750/1155	17.5/19.6/25.9	9.6/10.5/12.5			262	337	102	252	280	165	19	125	14	110
GRS50-18F/220	791/1000/1210	12.9/19.0/23.6	13.7/16.5/17.8			262	337	102	252	280	165	19	125	14	110
GRS50-18F/380	877/970/1280	20.6/22.1/24.7	14.6/15.7/17.9			262	337	102	252	280	165	19	125	14	110

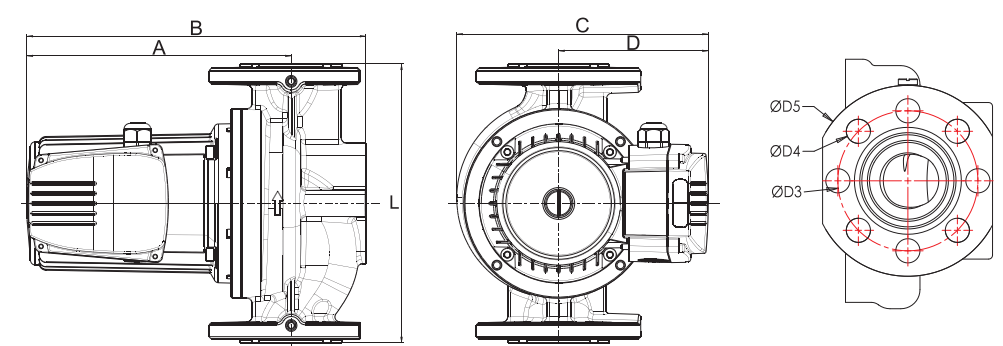
GRS 65 Series



Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)					Flange Dimension(mm)				
	(W)	(m³/h)	(m)	220V/ 50Hz	380V/ 50Hz	A	B	D	C	L	D5	D4	D3	D2	D1
GRS65-6F/220	515/545/650	25.2/26.9/28	6.8/7.0/7.1			256	340	96	246	340	185	19	145	14	130
GRS65-6F/380	370/412/550	21.7/23.5/27.1	6.1/6.5/7.1			226	310	96	246	340	185	19	145	14	130
GRS65-9F/220	806/985/1190	20.5/30/36	8/8.5/8.8			256	340	96	246	340	185	19	145	14	130
GRS65-9F/380	575/669/1010	23.8/27/35	6.9/7.4/8.7			256	340	96	246	340	185	19	145	14	130
GRS65-13F/220	1120/1180/1260	31.2/34.3/36.2	12/12.5/12.8			286	370	96	246	340	185	19	145	14	130
GRS65-13F/380	952/1085/1451	32/34.5/41.9	11.2/11.8/13.2			286	370	96	246	340	185	19	145	14	130
GRS65-18F/380	1076/1250/1755	32.3/35.3/43.5	14.5/15.6/18			306	390	113	264	340	185	19	145	14	130

GRS 80 Series



Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)					Flange Dimension(mm)				
	(W)	(m³/h)	(m)	220V/ 50Hz	380V/ 50Hz	A	B	D	C	L	D5	D4	D3	D2	D1
GRS80-6/4F/220	443/590/695	19.6/35.6/40.3	4.1/4.8/5.0			308	415	126	276	360	200	8*19	160		
GRS80-6/4F/380	403/464/723	31/33.8/41.1	4.2/4.5/5.0			308	415	126	276	360	200	8*19	160		
GRS80-9F/380	860/945/1300	40/42.7/49	7.5/8.1/9.4			308	415	126	276	360	200	8*19	160		
GRS80-9F/220	860/945/1300	40/42.7/49	7.5/8.1/9.4			308	415	126	276	360	200	8*19	160		
GRS80-12F/380	1020/1160/1610	41.5/45/53.4	8.9/9.8/12			308	415	126	276	360	200	8*19	160		
GRS80-15F/380	1480/1730/2445	48/52.7/64	11.8/12.8/15.2			308	415	126	276	360	200	8*19	160		



KG EA-C

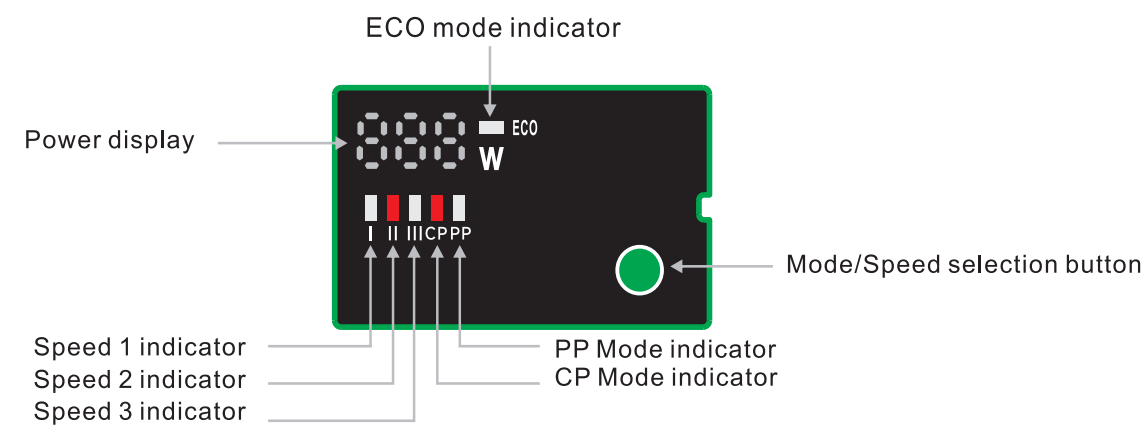
Product advantage

- Anti-Condensation
- Permanent Magnet Shielded Motor
- PCB fully potted with polyurethane
- Shielded pump, frequency conversion adaptive, quiet and efficient

Application Scope

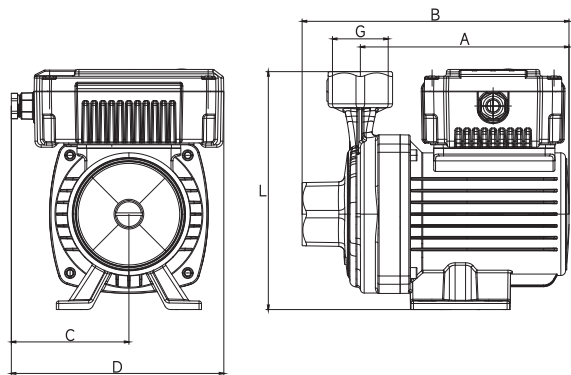
- Air conditioning and refrigeration dual-supply systems
- Air source heat pumps, gas boilers, radiant floor heating circulation
- Industrial machinery equipment support

Operation interface



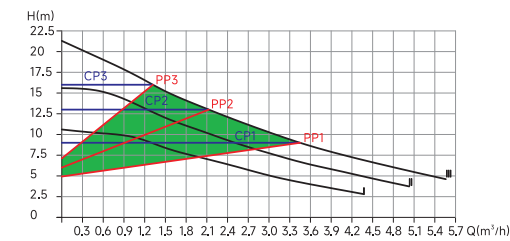
Technical Parameters

Model	Power (w)	Max.Flow (m ³ /h)	Max.Head (m)	Voltage (V)	Material of pump body			
					Cast Iron	Plastic	Brass	Stainless steel
KG201EA-C	200	5.4	20	220	●			
KG401EA-C	400	12.6	20	220	●			
KG601EA-C	550	7.4	30	220	●			
KG750EA-C	700	14.9	25	220	●			
KG751EA-C	700	12.7	30	220	●			
RS400EA-C	450	15	22	220	●			
RS700EA-C	700	18.3	30	220	●			

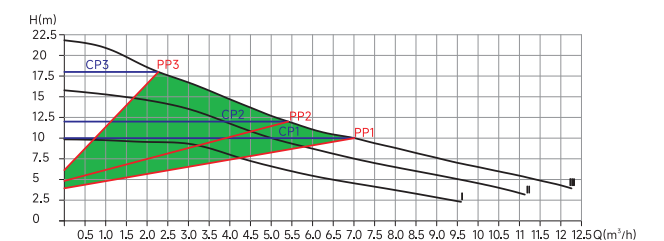


Model	Dimension(mm)					
	G	A	B	C	D	L
KG201EA-C	1	121	160	76	135	153
KG401EA-C	1	121	160	76	135	153
KG601EA-C	1	176	217	95	172	192
KG750EA-C	1.2	176	221	95	172	192
KG751EA-C	1.2	165	212	95	172	192
RS400EA-C	1.2	176	221	95	172	192
RS700EA-C	1.2	165	212	95	172	192

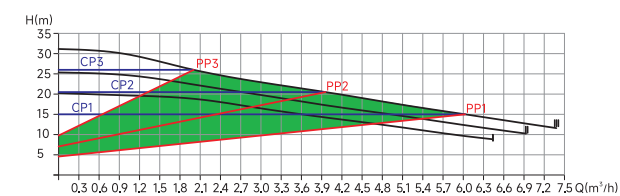
KG201EA-C



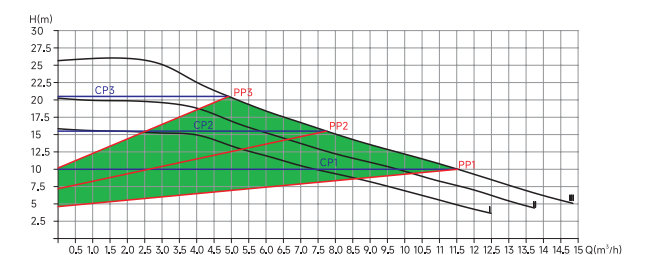
KG401EA-C



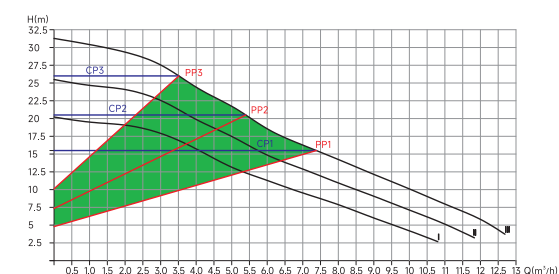
KG601EA-C



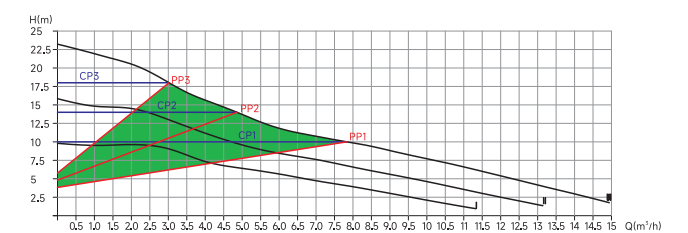
KG750EA-C



KG751EA-C



RS400EA-C

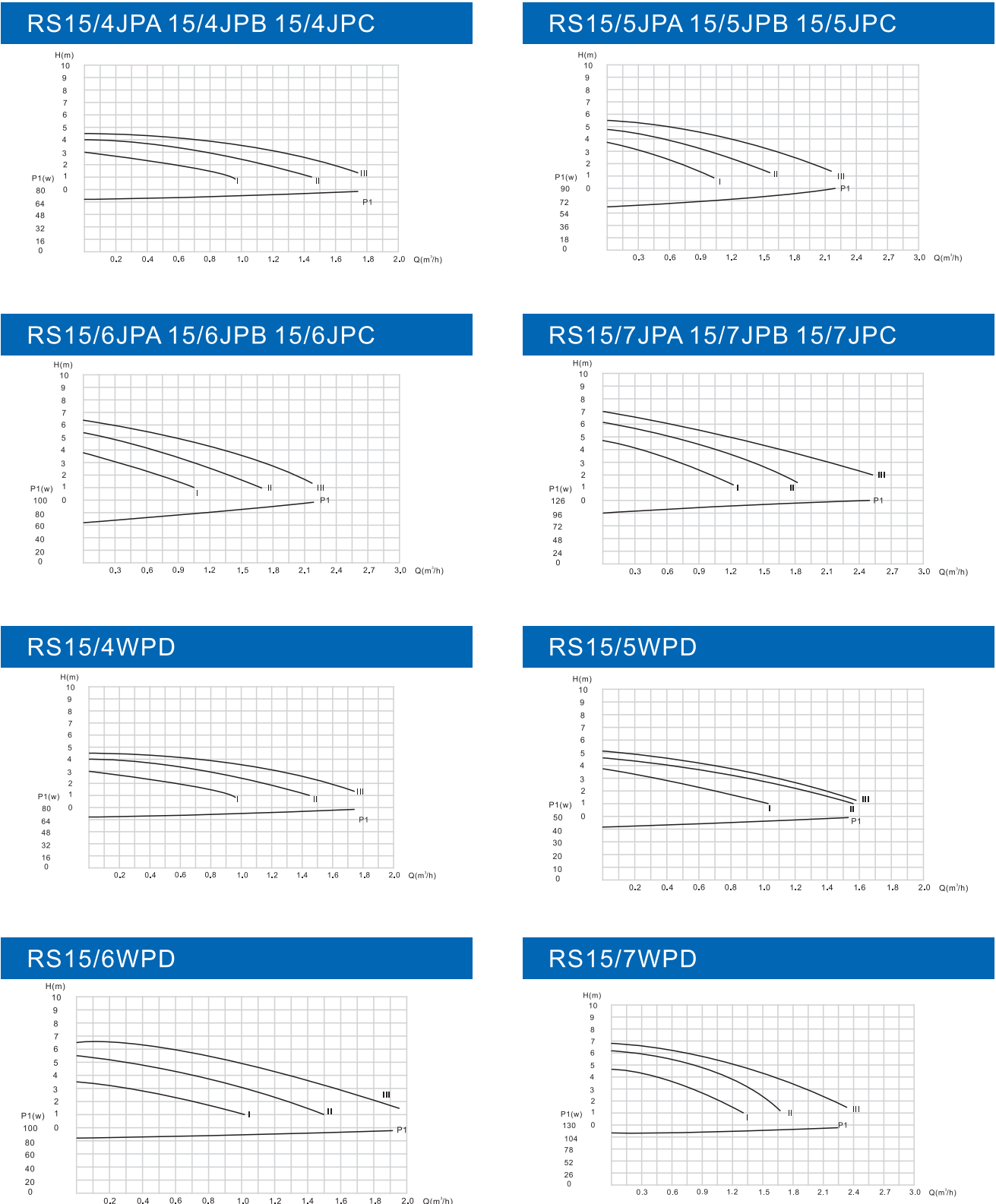


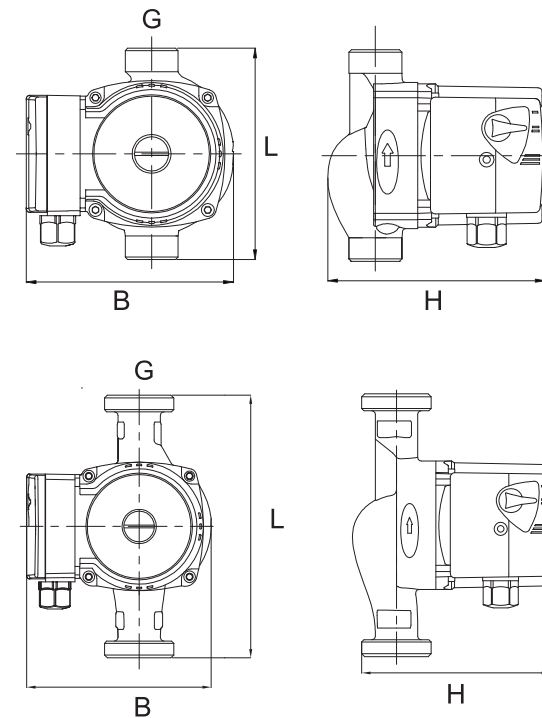
RS700EA-C





Model	Power	Max.Flowing	Max.Head	3 speed	Weigt
	(W)	(L/min)	(m)		(KG)
RS15/5JPA(B/C)	79	32	5	●	2
RS15/6JPA(B/C)	93	33	6	●	2
RS15/7JPA(B/C)	118	38	6.5	●	2
RS15/5WPD	79	32	5	●	2
RS15/6WPD	93	33	6	●	2
RS15/7WPD	118	38	6.5	●	2
RS15/5EAY-CWD	5-32	25	5		2
RS15/6EAY-CWD	5-45	28	6		2
RS15/7EAY-CWD	5-52	29	6.5		2
RS15/8EAY-CWD	5-63	31	8		2

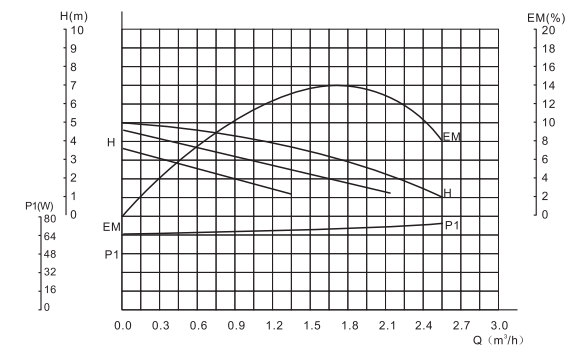




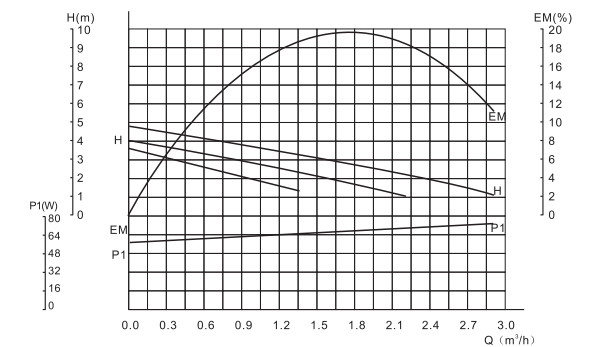
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	127V/ 60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS15/4G(T/E)-130	72/53/38	2.3/1.7/0.8	4.5/4/3	●	●	●	●	●	●	130	127	133	1"	2.2
RS20/4G(T/E)-130		2.3/1.7/0.8											1 1/4"	2.2
RS25/4G(T/E)-130		2.9/2.1/1.3											1 1/2"	2.3
RS25/4G(T/E)-180		3.4/2.3/1.3											1 1/2"	2.4
RS32/4G(T/E)-180		3.4/2.3/1.3								2"			2.6	
RS12/6G(T/E)-130	93/67/46	1.8/1.2/0.8	6/5/3	●	●	●	●	●	●	130	127	133	3/4"	2.1
RS15/6G(T/E)-130		2.6/2.0/1.2											1"	2.3
RS20/6G(T/E)-130		3.3/2.3/1.3											1 1/4"	2.4
RS25/6G(T/E)-130		3.3/2.3/1.3											1 1/2"	2.4
RS25/6G(T/E)-180		3.9/2.9/1.6							1 1/2"	2.5				
RS32/6G(T/E)-180		3.9/2.9/1.6							2"	2.7				

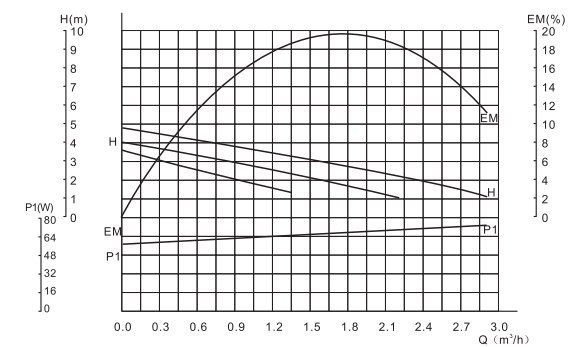
RS15/4G(T/E)



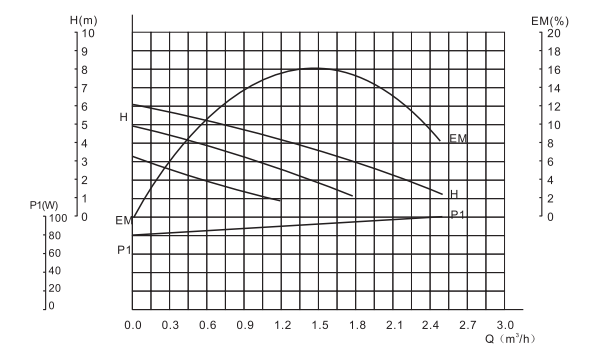
RS25/4G(T/E)



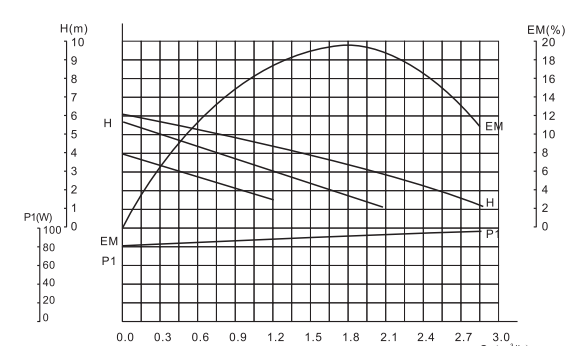
RS32/4G(T/E)



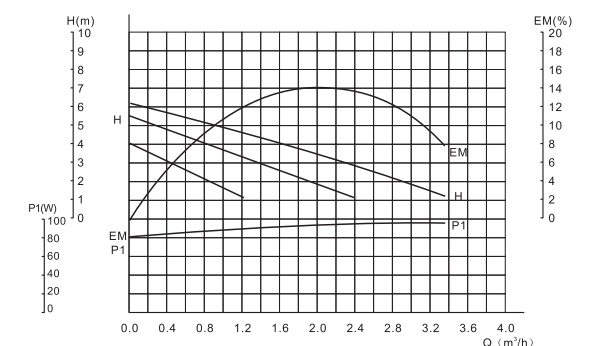
RS12/6G(T/E)



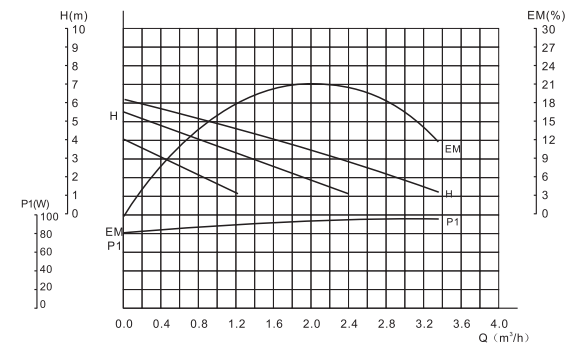
RS15/6G(T/E)



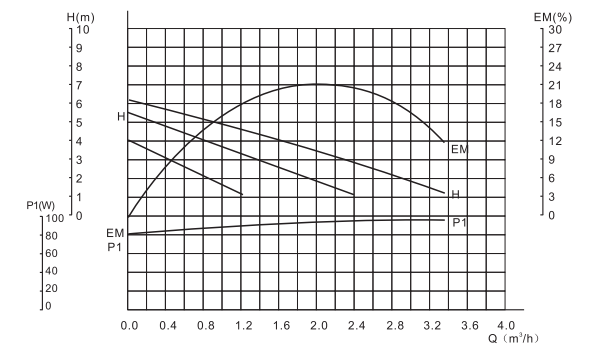
RS20/6G(T/E)

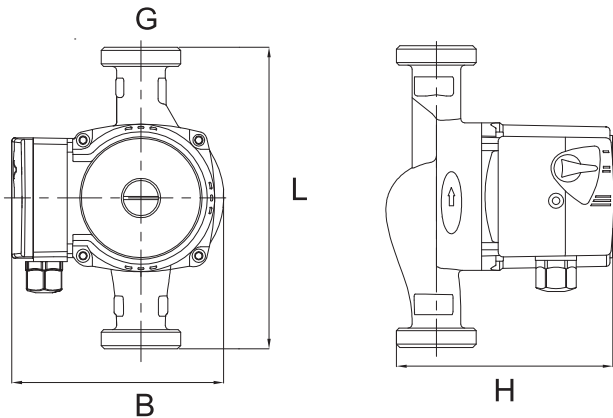


RS25/6G(T/E)



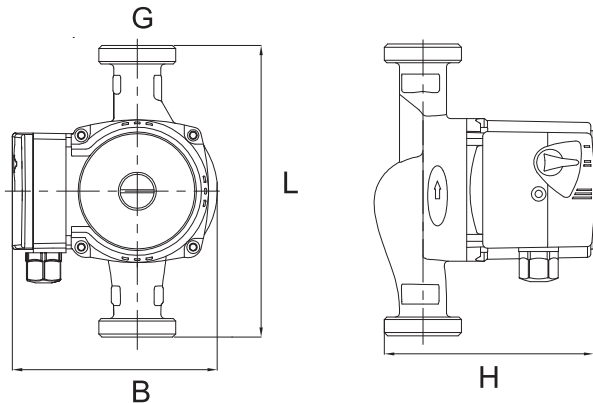
RS32/6G(T/E)





Technical parameter

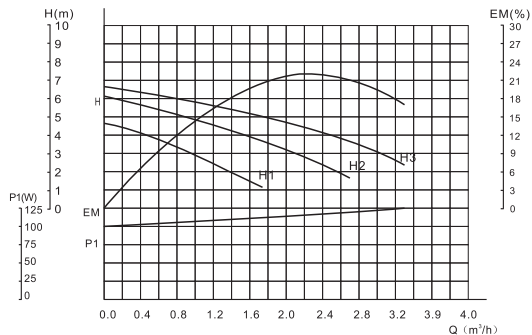
Model	Power	Max.Flow	Max.Head	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)	
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	127V/ 60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G		
RS15/7G(T)-130	125/93/67	3.3/2.7/1.3	7/6.5/4.5	●	●	●	●	●	●	130	123	145	1"	2.6	
RS25/7G(T)-130		3.8/3.0/1.9											1 1/2"	2.8	
RS25/7G(T)-180		4.1/3.2/2.1								180			1 1/2"	3.0	
RS32/7G(T)-180		4.2/3.4/2.2								180			2"	3.2	



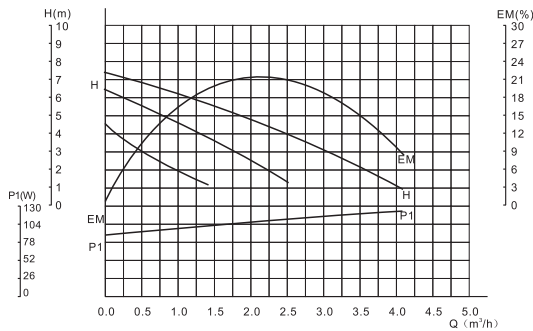
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	127V/ 60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS15/8(T/E)-180	140/115/75	3.4/2.4/1.2	8/7/5	●	●	●	●	●		180	127	159	1"	3.3
RS25/8(T/E)-180		5.4/3.6/2.0											1 1/2"	3.4
RS32/8(T/E)-180		5.4/3.6/2.0											2"	3.6

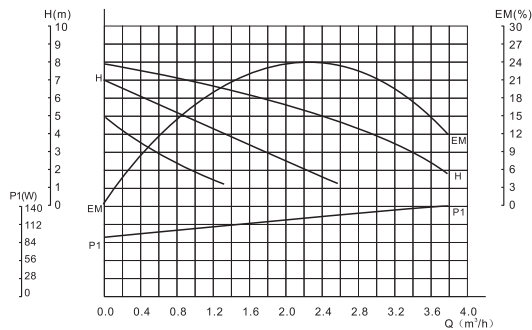
RS15/7G(T)



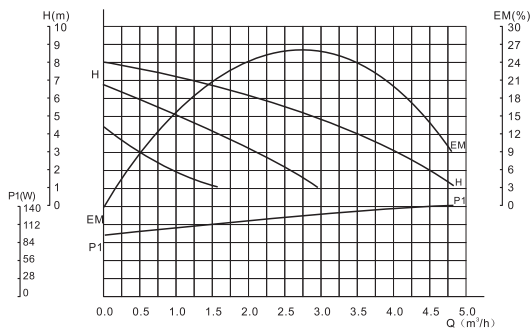
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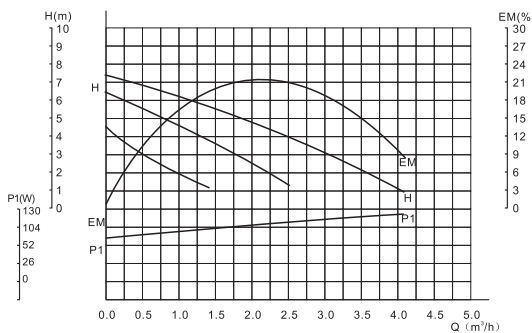
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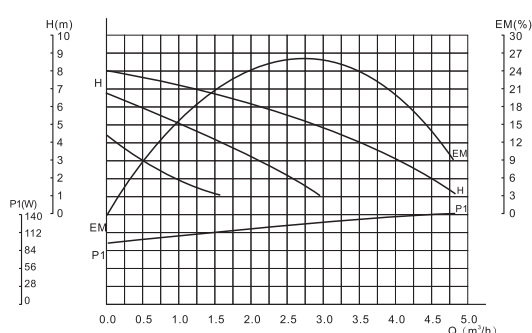
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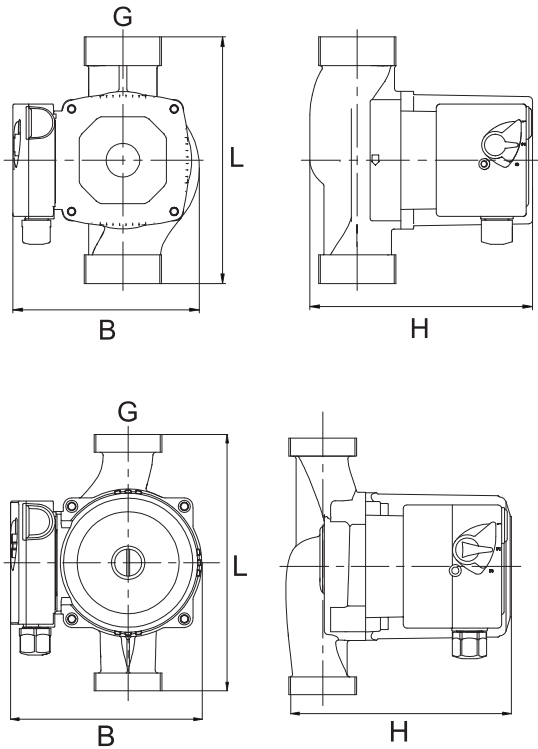


RS32/7G(T)



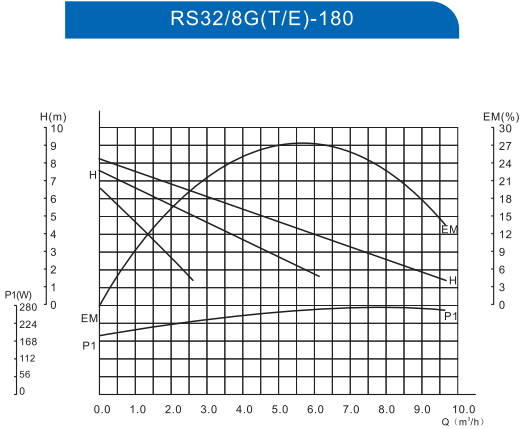
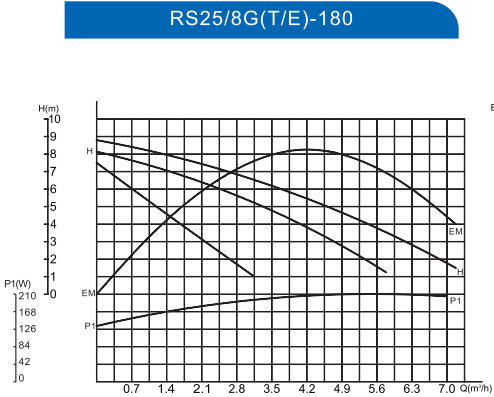
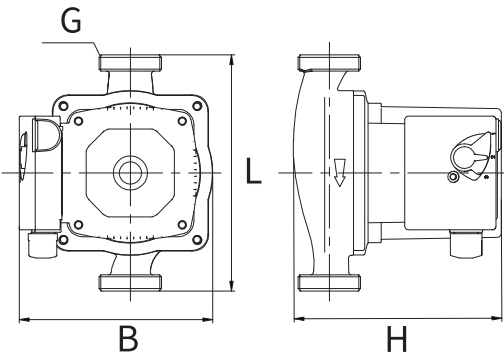
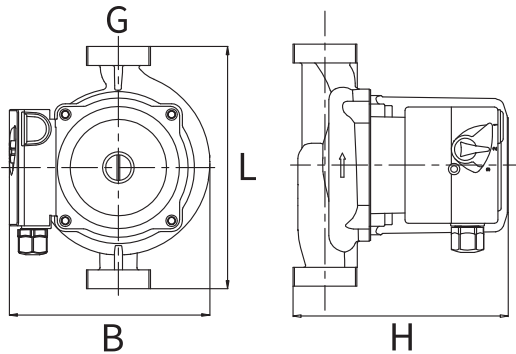
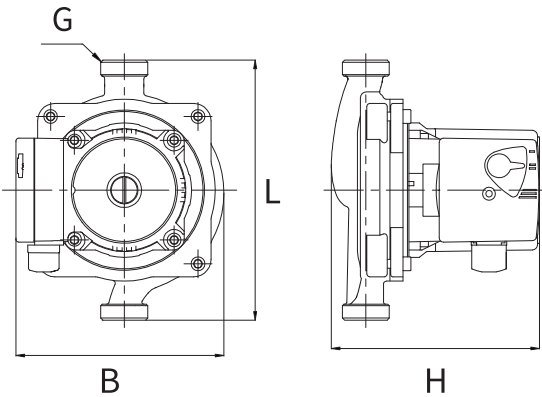
RS32/8(T/E)

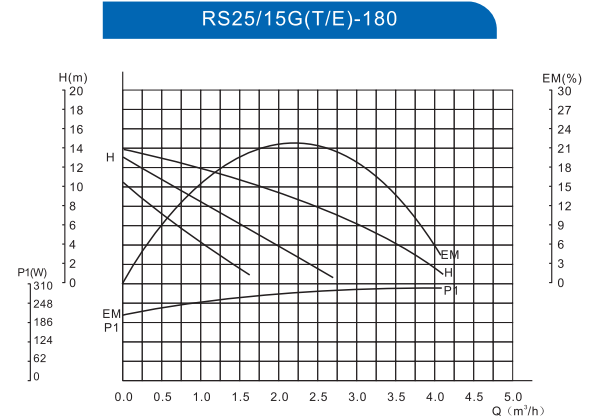
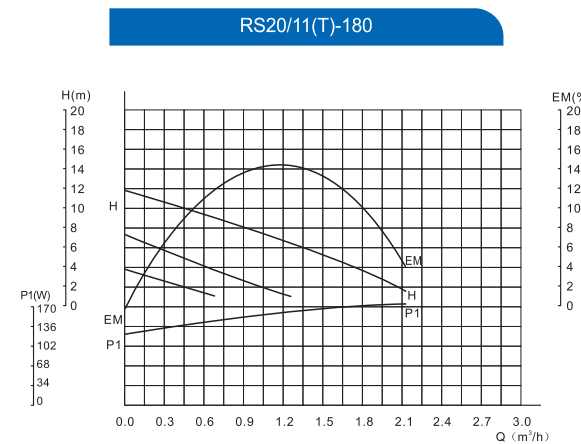
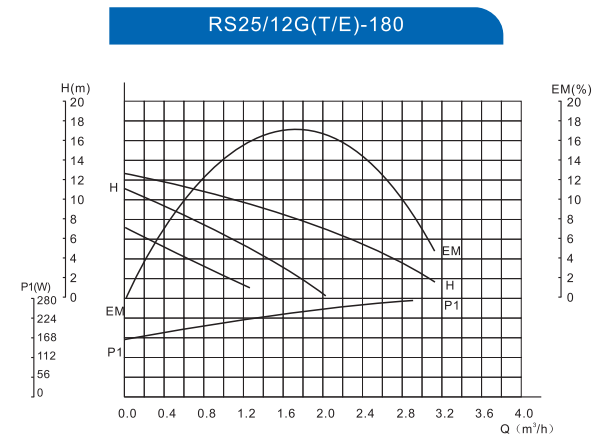
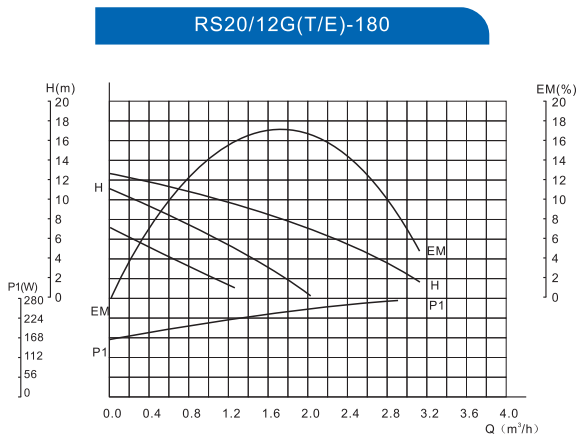




Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	127V/ 60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS25/8G(GT/GE)-180	182/170/145	6.9/5.7/2.7	8/7.5/6.5	●	●	●	●	●		180	134.5	158	1 1/2"	4.2
RS32/8G(GT/GE)-180	270/210/150	9.6/6.2/2.5								180	137	172	2"	4.8



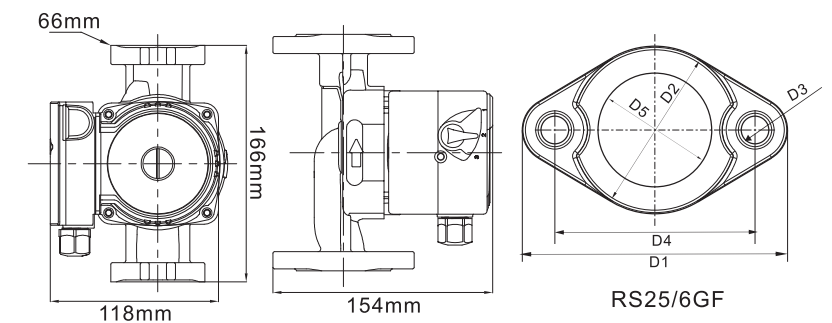


Technical parameter

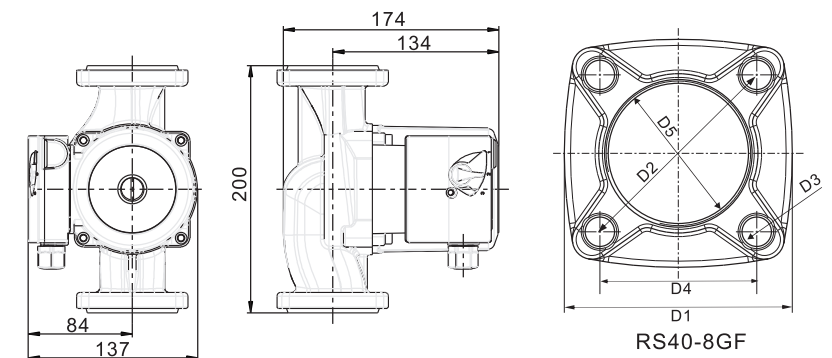
Model	Power	Max.Flow	Max.Head	Voltage			Material of pump body			Dimension(mm)				Weight (kg)
	(W)	(m³/h)	(m)	220V/50Hz	220V/60Hz	127V/60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS25/15G(T/E)-180	270/210/150	4.1/2.8/1.7	14/13/10	●	●	●	●	●		180	149	160	1 1/2"	5.3
RS20/11(T)-180	165/115/75	2.1/1.2/0.6	11/7/3.4	●	●	●	●	●		180	144	144	1"	4.0
RS20/12G(T/E)-180	245/220/145	3.1/1.9/1.3	12/11/7	●	●	●	●	●		180	150	152	1"	4.4
RS25/12G(T/E)-180		3.7/2.2/1.3								180	150	160	1 1/2"	4.5



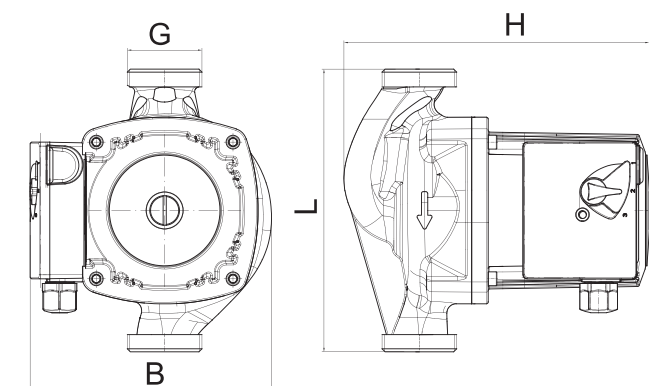
RS25/6GF



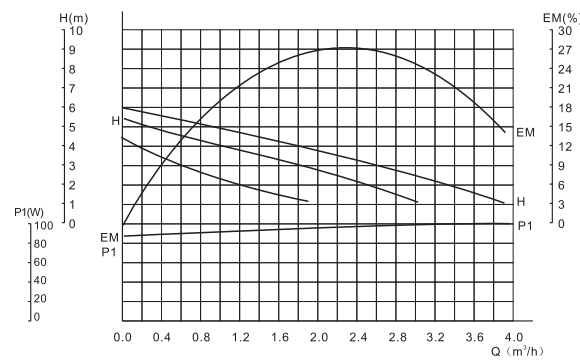
RS40/8GF



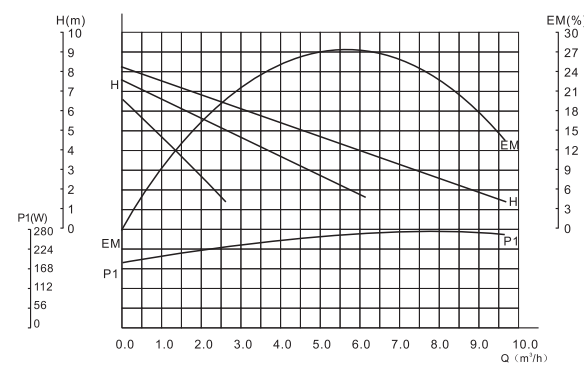
RS 25/10E-180
RS 32/10E-180



RS25/6GF



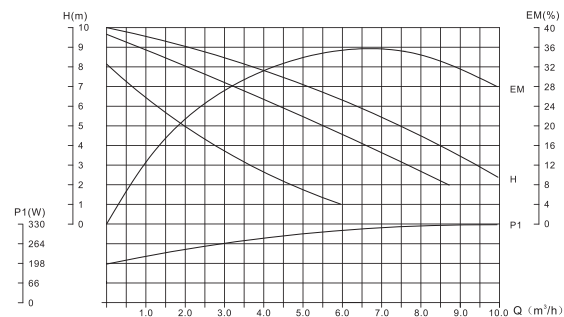
RS40/8GF



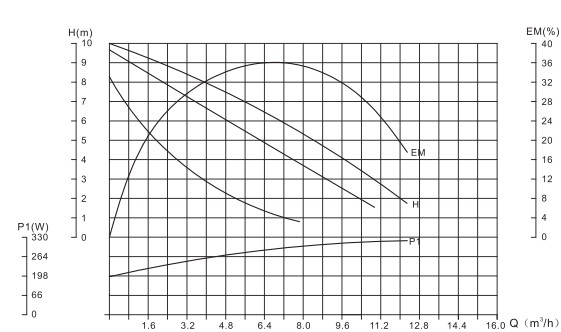
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage			PUMP Dimension(mm)				Flange Dimension(mm)				Weight (Kg)
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	127V/ 60Hz	L	B	H	G	D1	D2	D3	D4	
RS25/6GF	93/67/46	3.5/2.3/1.3	6/5/3	●	●	●	166	118	154	1 1/2"	106	67	13.5	80	3.0
RS40/8GF	270/220/150	9.6/6.2/2.6	8/7.5/6.5	●	●	●	200	147	166	2"	93	90.5	12	64	5.9

RS25/10E

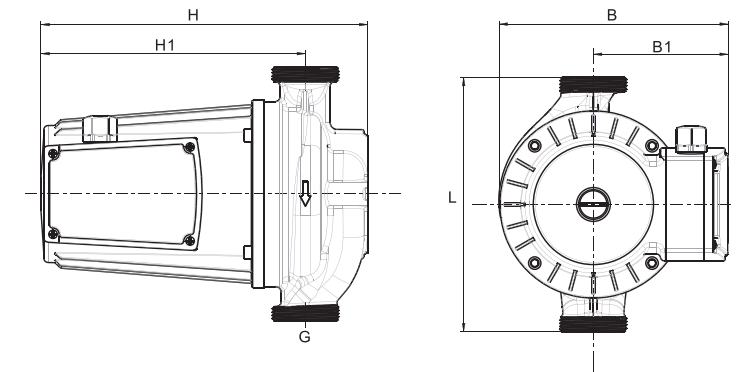


RS32/10E

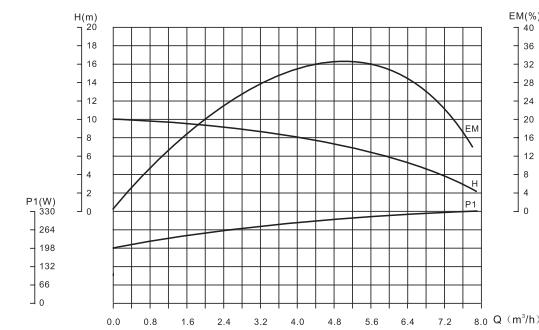


Technical parameter

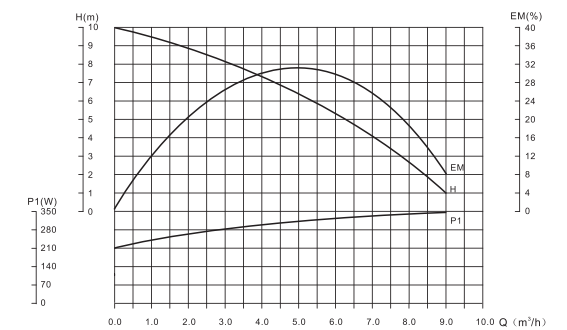
Model	Power	Max.Flow	Max.Head	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	127V/ 60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS 25/10E-180	330/330/280	12/10/7.8	10/9.5/8	●	●	●	●			180	154	195	1 1/2"	5.3
RS 32/10E-180	330/330/280	12/10/7.8	10/9.5/8	●	●	●	●			180	154	195	2"	5.8



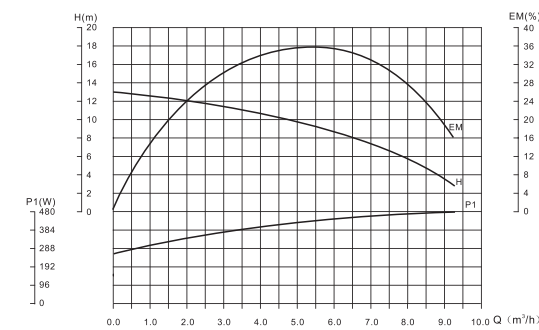
RS25/9



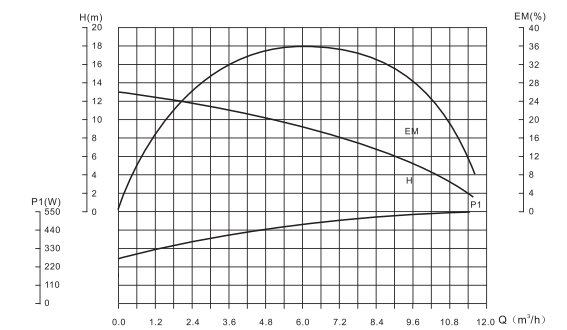
RS32/9



RS25/12

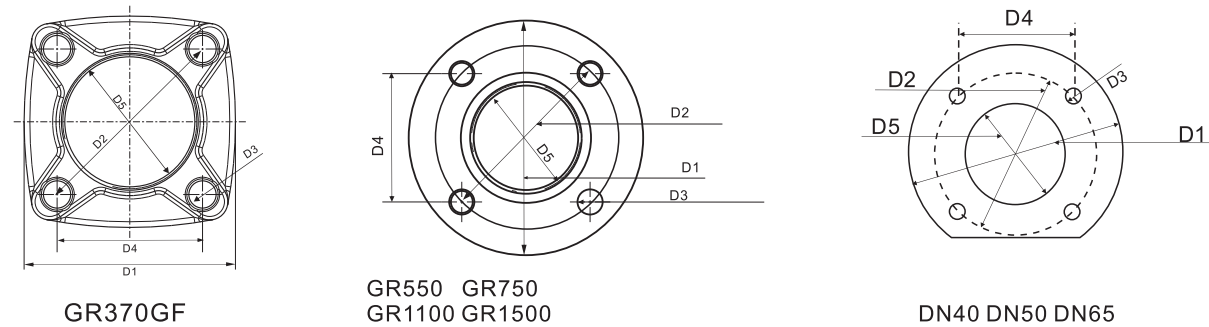
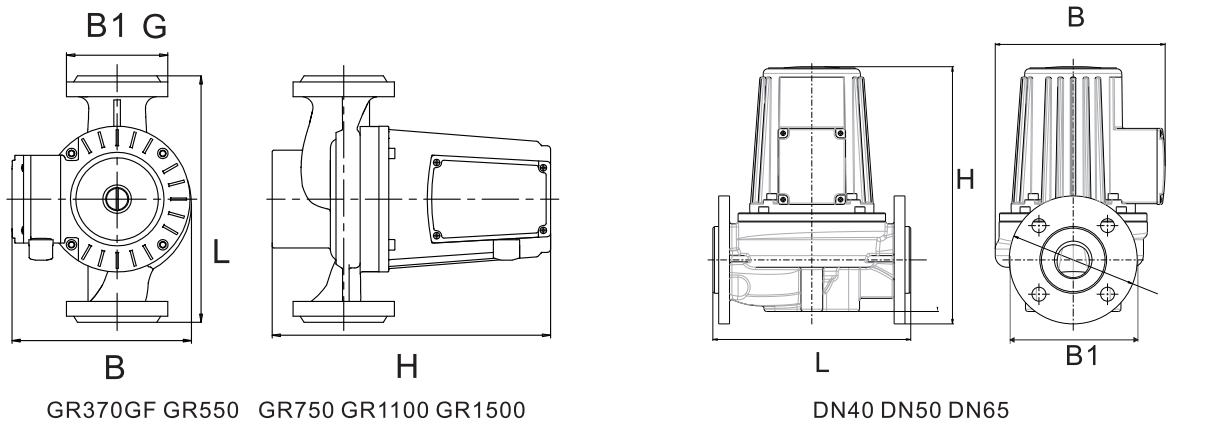


RS32/12

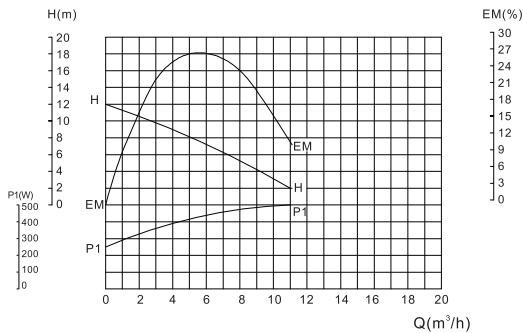


Technical parameter

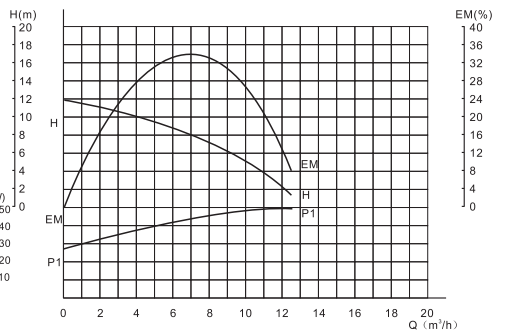
Model	Power	Max.Flow	Max.Head	Voltage			Material of pump body			Dimension(mm)						Weight (Kg)
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	127V/ 60Hz	Cast Iron	Brass	Stainless steel	L	B	B1	H	H1	G	
RS 25/9	330	7.8	9	●	●	●	●			180	162	95	231	187	1 1/2"	
RS 25/12	480	9.2	12							180	166		239		1 1/2"	
RS 32/9	350	9	9							220	162		231		2"	
RS 32/12	550	11.5	12							220	166		239		2"	



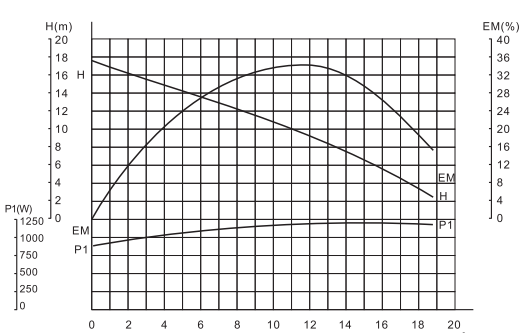
GR370GF GR370



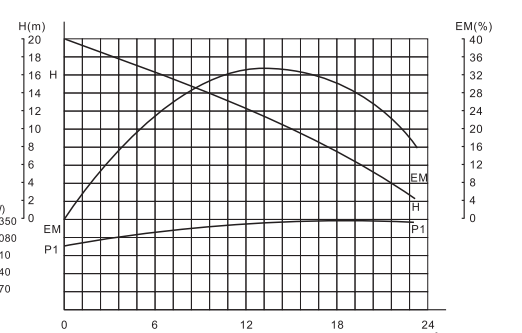
GR550 GR550-DN40 GR550-DN50



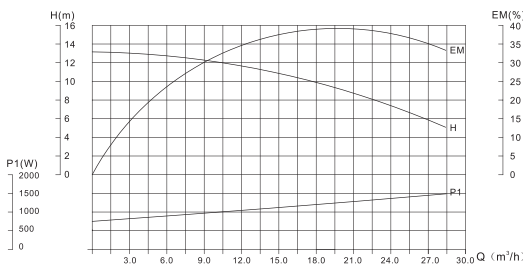
GR750 GR750-DN40 GR750-DN50



GR1100 GR1100-DN40 GR1100-DN50



GR1500



Technical parameter

Model	Power (W)	Max.Flow (m³/h)	Max.Head (m)	Voltage			PUMP Dimension(mm)					Flange Dimension(mm)					Weight (Kg)
				220V/ 50Hz	220V/ 60Hz	380V/ 50Hz	L	B	B1	H	G	D1	D2	D3	D4	D5	
GF370	400	10.2	11	●	●	●	224	180	59.5	210	2"						9
GR370GF	400	10.5	11				224	163	92	253	2"	93	90.5	12	64	57.2	11
GR550	550	10.5	12				225	160	126	253	2"	128	99	12	70	57.2	14.5
GR750	750	18.6	17				255	219	126	314	2"	128	99	12	70	57.2	24
GR1100	1100	23.1	18				255	219	126	314	2"	128	99	12	70	57.2	25
GR550-DN40	550	12	12				225	162	150	255	2"	150	110	12	77.8	57.2	16
GR750-DN40	750	18.6	17				255	219	150	249	2"	150	110	12	77.8	57.2	25
GR1100-DN40	1100	23.1	20				255	219	150	249	2"	150	110	12	77.8	57.2	25.5
GR550-DN50	550	12	12				225	162	165	255	2"	165	125	12	88.4	57.2	16.5
GR750-DN50	750	18.6	17				255	219	165	249	2"	165	125	12	88.4	57.2	26
GR1100-DN50	1100	23.1	20				255	219	165	249	2"	165	125	12	88.4	57.2	27
GR1500-DN65	1500	28	13				300	211	185	304	2.5"	165	145	18	102.5	72.5	28

