



EBC Circulation Pump

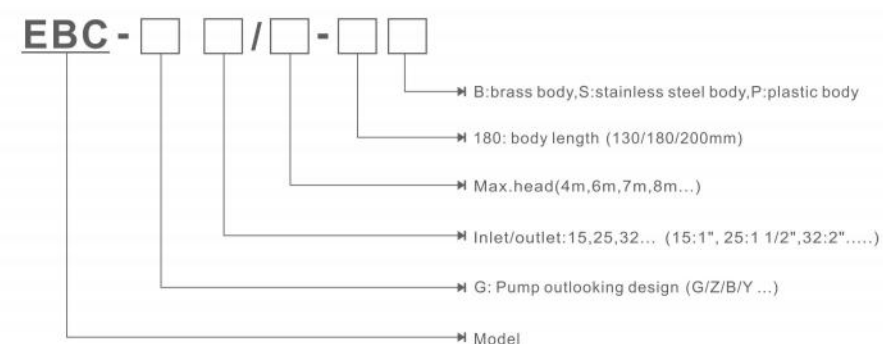


Our pump has several different designs for customer chose. Each design is only the different of outlooking, no affection on performance and quality. All spare parts and material are the same. The popular model types are: G type, B type. Each design has its own housing and terminal box. pls check the photos as following.

Operating 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: -10°C~110°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-coorosive 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.

Model Definition



● Example: EBC-G 25/6-180 is small circulation pump with cast-iron body, 25inlet/outlet, 6m head, 180mm body length

Technical Data

Suitable fluids

Heating water to VD12035
Heating water
Water/glycol mixtures max. mixing ratio 1:1

Performance

Fluid temperature range -10°C~+110°C
Max. working pressure 10bar

Ambient Temperature

Permissible up to 40°C

Power

Mains power 1~230v, 50Hz

Motor

Degree of protection IP44
Insulation class F

Construction Materials

Pump body	cast iron
Impeller	PP
Shaft	Ceramic
Bearings	Ceramic

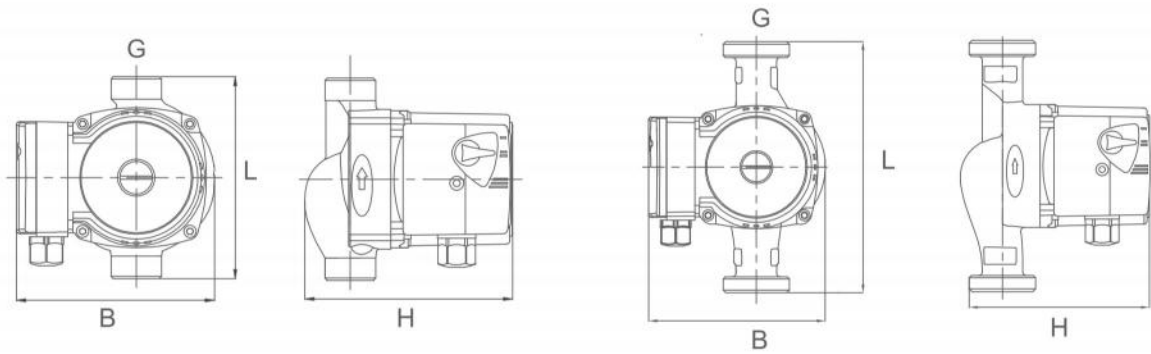
Mounting Positions

Pump shaft in the horizontal plane

Pump Equipment

Screwed end single head pump
Manual 3-speed control
Non-overloading single phase motor
cast iron body, 180mm port-to-port
cast iron body 130mm port-to-port



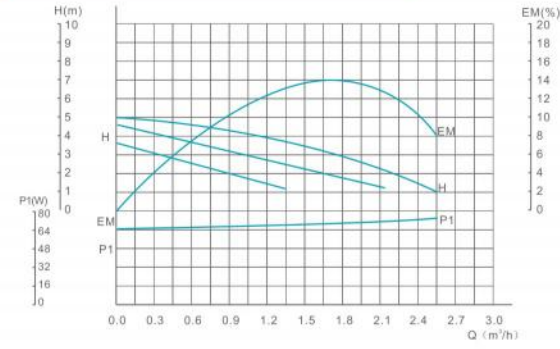


Performance Table

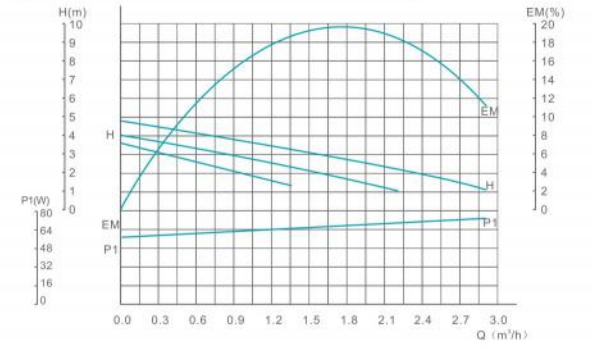
Model	Power	Max.flow	Max.head	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)	
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	127V/ 60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G		
EBC15/4-130	72/53/38	2.3/1.7/0.8	4.5/4/3	●	●	●	●	●	●	130	127	133	1"	2.2	
EBC20/4-130		2.3/1.7/0.8											1 1/4"	2.2	
EBC25/4-130		2.9/2.1/1.3											1 1/2"	2.3	
EBC25/4-180		3.4/2.3/1.3								180			1 1/2"	2.4	
EBC32/4-180		3.4/2.3/1.3											2"	2.6	

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	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	127V/ 60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
EBC12/6-130	93/67/46	1.8/1.2/0.8	6/5/3	●	●	●	●	●	●	130	127	133	3/4"	2.1
EBC15/6-130		2.6/2.0/1.2											1"	2.3
EBC20/6-130		3.3/2.3/1.3											1 1/4"	2.4
EBC25/6-130		3.3/2.3/1.3											1 1/2"	2.4
EBC25/6-180		3.9/2.9/1.6								1 1/2"			2.5	
EBC32/6-180		3.9/2.9/1.6								2"			2.7	

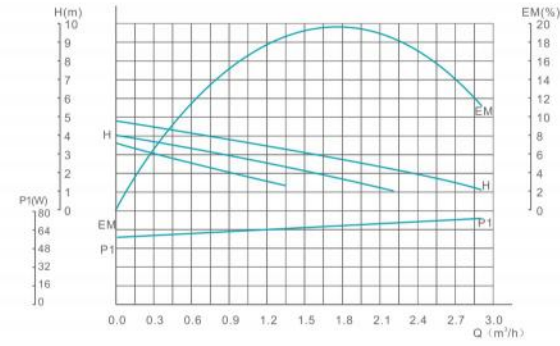
EBC15/4



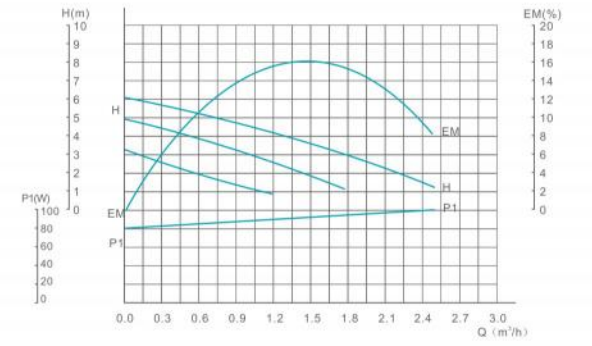
EBC25/4



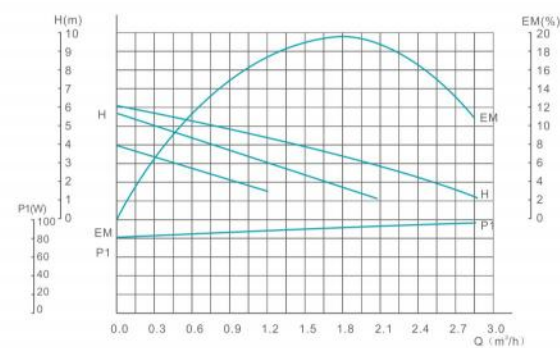
EBC32/4



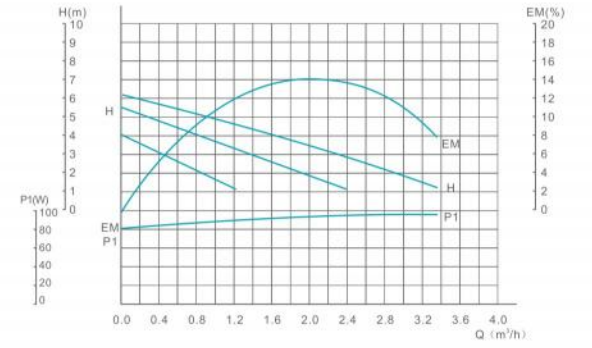
EBC12/6



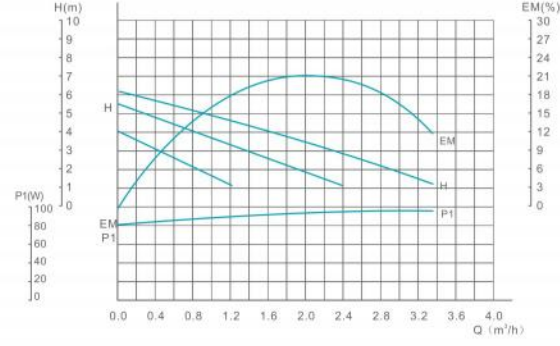
EBC15/6



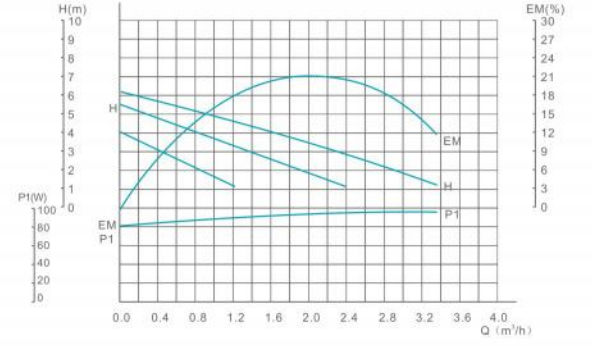
EBC20/6



EBC25/6



EBC32/6





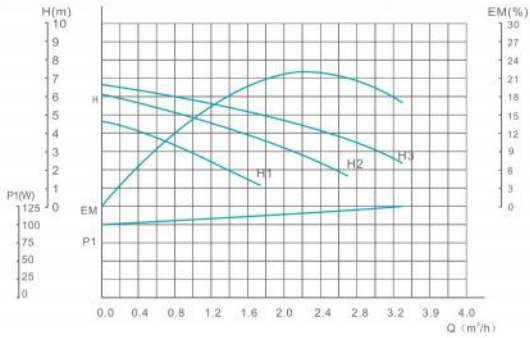
Performance Table

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	
EBC15/7-130	125/93/67	3.3/2.7/1.3	7/6.5/4.5	●	●	●	●	●	●	130	123	145	1"	2.6
EBC25/7-130		3.8/3.0/1.9											1 1/2"	2.8
EBC25/7-180		4.1/3.2/2.1								180			2"	3.0
EBC32/7-180		4.2/3.4/2.2											2"	3.2

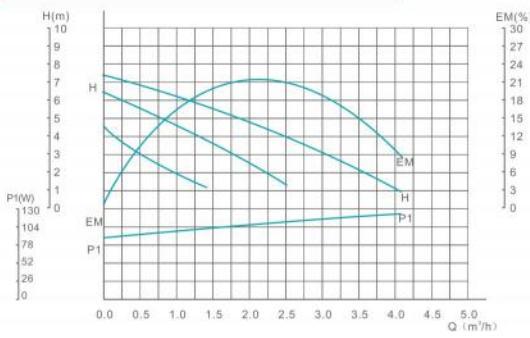
Model	Power	Max.flow	Max.head	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
	(W)	(m³/h)	(m)	220V/ 50Hz	220V/ 60Hz	127V/ 60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
EBC25/8-180	182/170/145	6.9/5.7/2.7	8/7.5/6.5	●	●	●	●	●		180	134.5	158	1 1/2"	4.2
EBC32/8-180	270/210/150	9.6/6.2/2.5								180	137	172	2"	4.8

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	
EBC20/12-180	245/220/145	3.1/1.9/1.3	12/11/7	●	●	●	●	●		180	150	152	1"	4.4
EBC25/12-180		3.7/2.2/1.3								180	150	160	1 1/2"	4.5

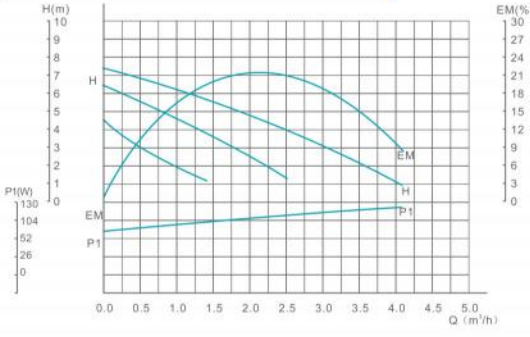
EBC15/7



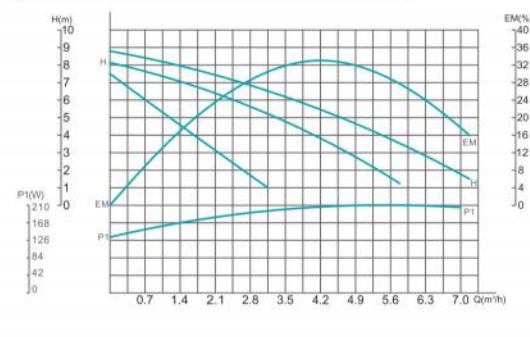
EBC25/7



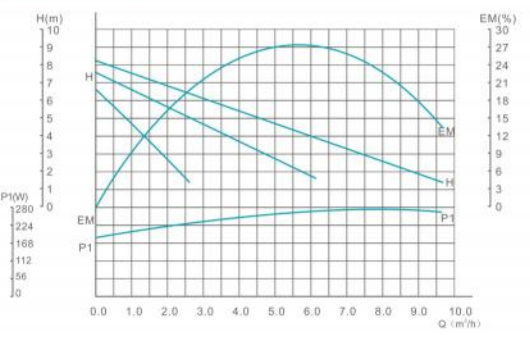
EBC32/7



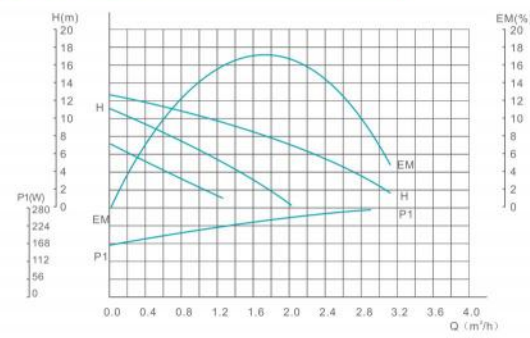
EBC25/8-180



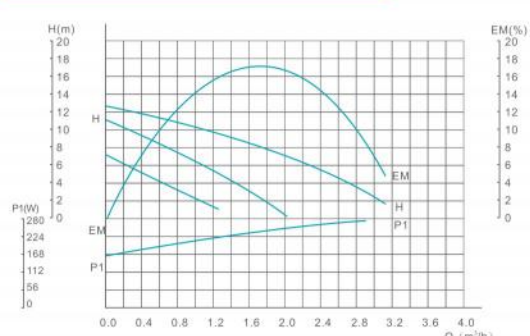
EBC32/8-180

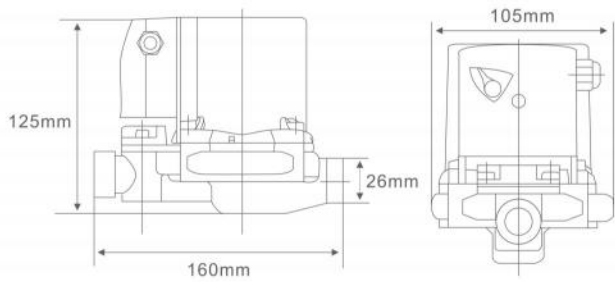


EBC20/12-180

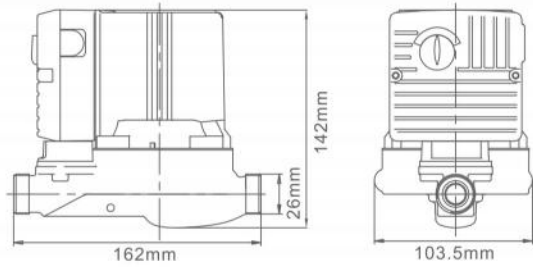
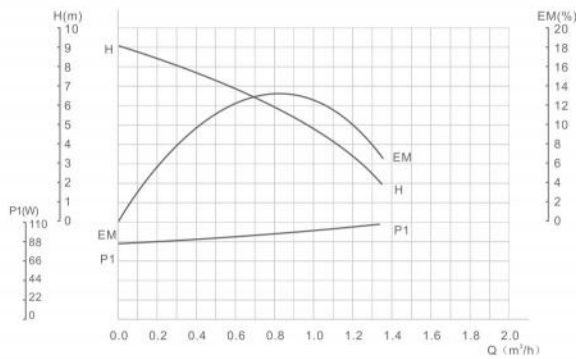


EBC25/12-180

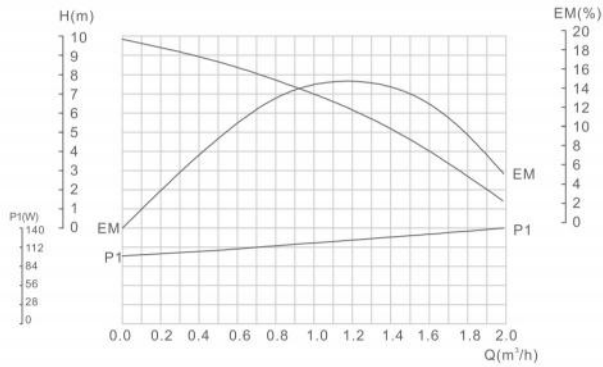




EBC-G 12/9(P/S/B)



EBC-G 12/10(P/S/B)

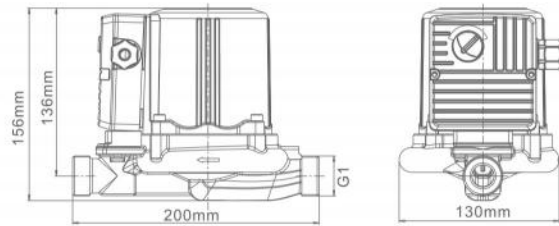
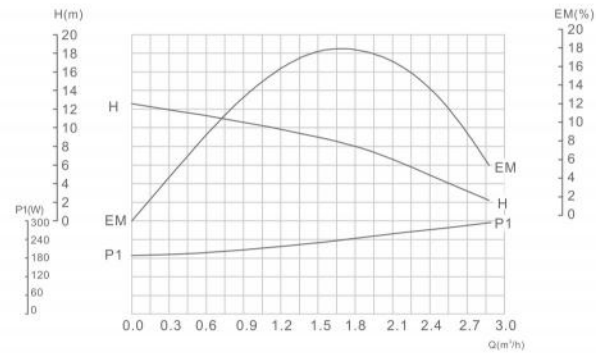


Performance Table

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	
EBC-G 12/9	105	1.38	9	●	●	●	●	●	●	160	105	125	3/4"	2.4
EBC-G 12/9P														2.2
EBC-G 12/9S														2.4
EBC-G 12/9B														2.6
EBC-G 12/10	140	1.8	10	●	●	●	●	●	●	162	103.5	142	3/4"	2.8
EBC-G 12/10P														2.6
EBC-G 12/10S														2.8
EBC-G 12/10B														3.0



EBC-Z 20/12(S)



Performance Table

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	
EBC-Z 20/12	275	3.1	12	●	●	●	●	●	●	200	130	156	1"	4.5
EBC-Z 20/12S														4.3