



Feature

Motor with BMC craft.
PCB be potted with Polyurethane
The pump body is made of stainless steel precision casting
Touching buttons
Lot (The Internet of Things) connection
Shielding pump, variable frequency adaptive, quiet and efficient

Material

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

Application

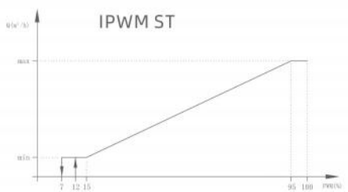
Air conditioning, refrigeration secondary system
Combined heating and circulation

PWM performance



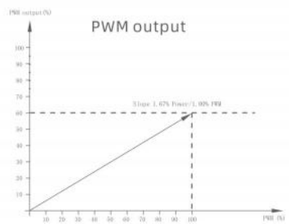
PWM signal input (%)

<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 (%)

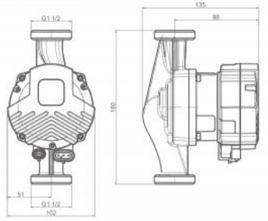
0-7:	Pump stop
7-15:	Pump runs at minimum speed. (running)
12-15:	Pump runs at minimum speed. (start)
15-95:	Pump linear runs from min. to max.
>95:	Pump runs at max. speed



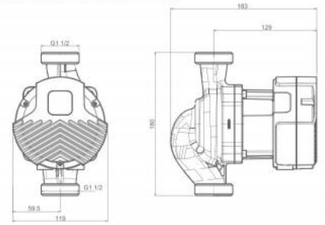
PWM signal output (%)

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)

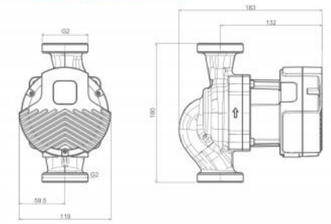
EBV-ED 25/8



EBV-ED 25/12



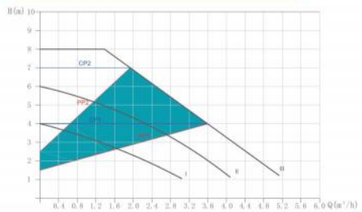
EBV-ED 32/12



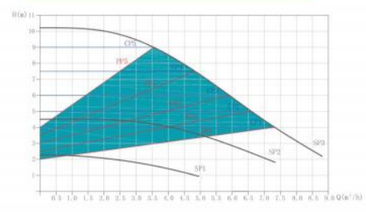
Performance Table

Model	Power	Max.flow	Max.head	Voltage	Material of pump body			Body length		G
	(W)	(m^3/h)	(m)	220V/ 50Hz	Cast iron	Brass	Stainless steel	130	180	
EBV-ED 25/8	80	12	8			●		●	●	
EBV-ED 25/10	180	8.6	8						●	
EBV-ED 25/12	220	9.5	12						●	1 1/2"
EBV-ED 25/15	280	12	15						●	
EBV-ED 25/18	360	11	18	●	●		●		●	
EBV-ED 32/10	180	8.7	8						●	
EBV-ED 32/12	220	9.5	12						●	
EBV-ED 32/15	280	10.2	15						●	2"
EBV-ED 32/18	360	11	18						●	

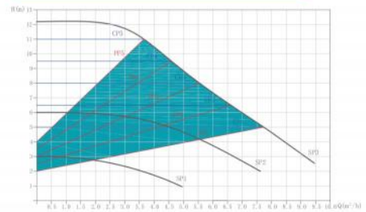
EBV-ED 25/8



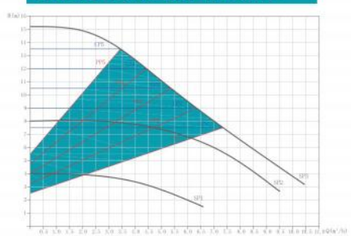
EBV-ED 25/10 EBV-ED 32/10



EBV-ED 35/12 EBV-ED 32/12



EBV-ED 25/15 EBV-ED 32/15



EBV-ED 25/18 EBV-ED 32/18

