DC BOOSTER PUMPS “H16~20”



TECHNICAL FEATURES

- DC booster pump for clean water free of abrasive particles and liquids that are not chemically aggressive to the pump materials.
- Easy to use and economical: ideal for domestic use, in particular for water distribution with small pressure sets.
- Keeps the water pressure stable so that water heaters work normally.
- Install in an enclosed area, or at least sheltered from bad weather.



Colour options

MOTOR

- DC brushless permanent magnet motor
- Insulation class B; protection IP55
- Continuous service S1
- Single-phase 220 V / 50 Hz (60 Hz on request)

WORKING CONDITION

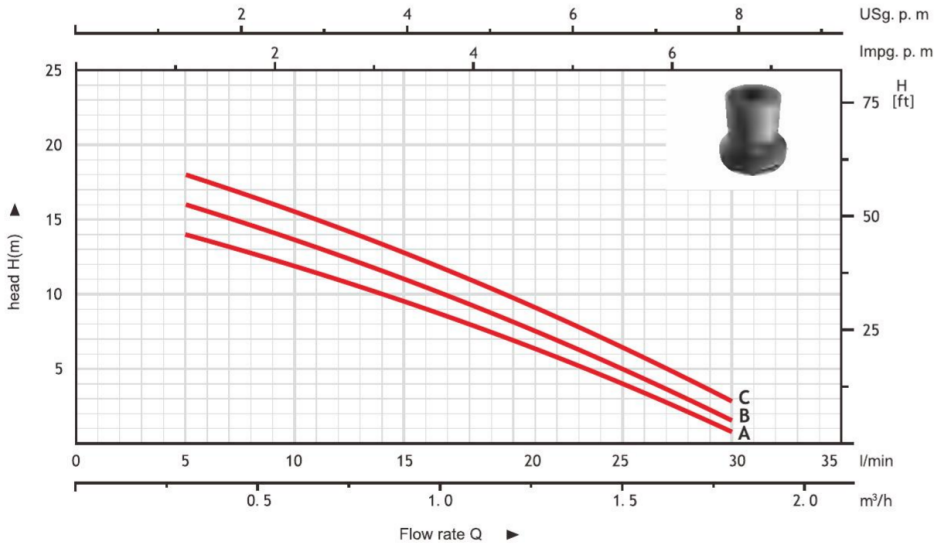
- Liquid temperature up to 80 °C
- Ambient temperature up to 40 °C
- Motor speed: 7000 RPM

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	**Techno-polymer**
Motor housing	**Techno-polymer**
Impeller	**Techno-polymer**
Motor shaft	**Ceramic**

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PERFORMANCE CHART AT n = 7000 RPM



NO.	MODEL	POWER (W)	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8
			Q (l/min)	0	5	10	15	20	25	30
A	H16	80	H (m)	16	14	12	9.5	6.8	3.6	0.5
B	H18	100	H (m)	18	16	13.5	11	8	4.8	1.5
C	H20	120	H (m)	20	18	15.5	13	10	6.5	2.8

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	H16	½" × ½"	1.3	180 × 165 × 115
B	H18	½" × ½"	1.3	180 × 165 × 115
C	H20	½" × ½"	1.4	180 × 165 × 115

ACCESSORIES



Performance values at n = 7000 rpm, 50 Hz. Specifications are subject to change without notice.