



• Pump Description

ABC Aqua Peripheral pump series is suitable for small living water supply, automatic water sprinkler system, small air condition systems and pressure boosting application. Two stainless steel insert rings inside the pump casing reduce wear and prevent the pump to block when not in use. The brass impeller with evenly arranged radial vanes allow for high efficiency and high performance.

• Pump

Rust-free Stainless steel inserts prevent impeller block when starting after the pump is unused for long time
Brass impeller with evenly arranged radial vanes
Max. liquid temperature: 35°C or 60°C
Max. Suction: +8m
Cast iron pump body and support

• Motor

Motor with copper winding
Shaft: Stainless steel 410
Protection class: IP54
Max. Ambient temperature: +40°C
Cooling: External ventilation

• Specification

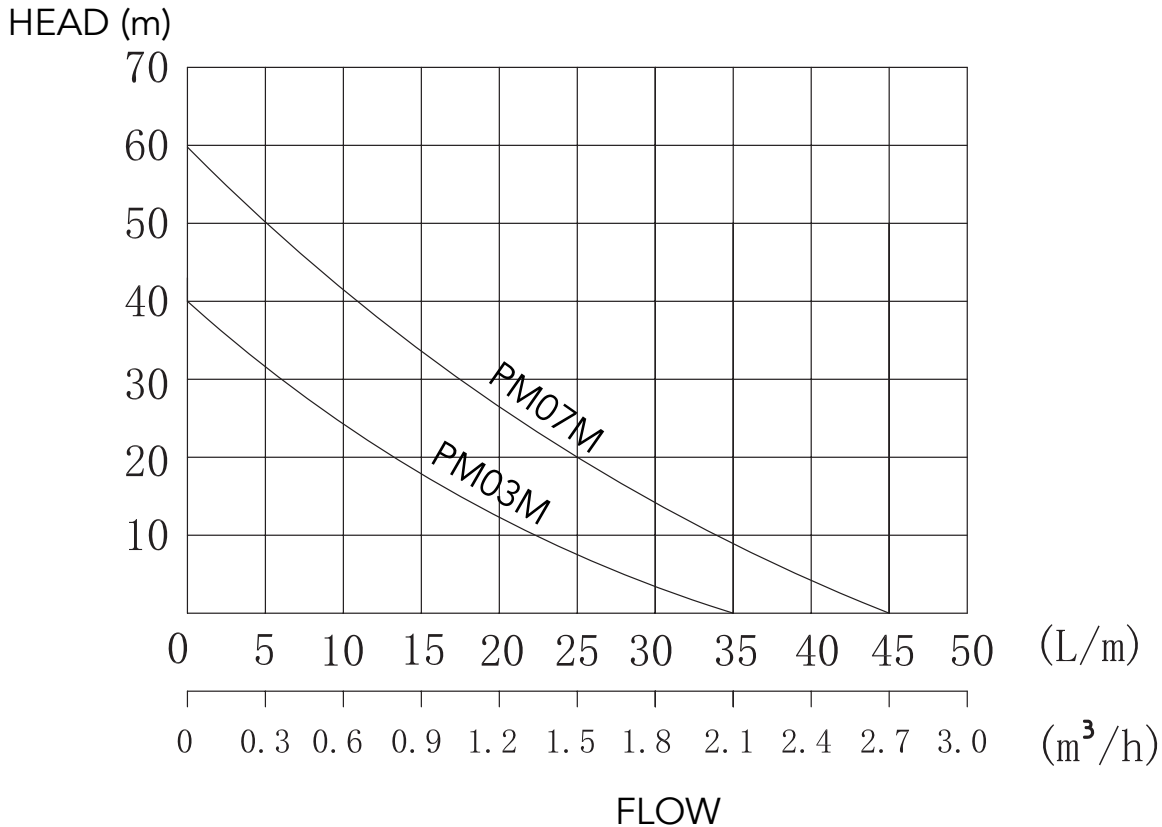
Power range: 0.37kW & 0.75kW
Motor Speed: 2900 rpm
Direction of rotation: Clockwise viewed from driving end
Degree of protection: IP 54
Class of insulation: B
Suction and delivery size in mm: 25 x 25



• Pump Operating Limits

Maximum Suction Lift: 8m with NRV Installed
Flow rate: Max 2.2m³/h
Maximum head: 60m
Maximum operating pressure: 6 bar
Maximum liquid temperature: 35°C Standard Mech Seal
Maximum ambient temperature: 40°C

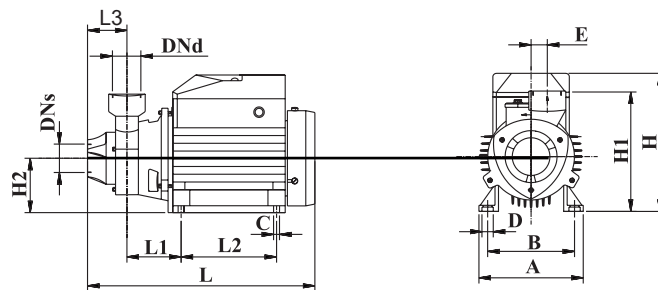
Performance Curves



Performance

MODEL	POWER		MAX.FLOW (L/min)	MAX.HEAD (m)	INLET/OUTLET (in)	DISCHARGE IN lpm / m³/h										
	Kw	HP				lpm	0	5	10	15	20	25	30	35		
						m³/h	Head (m)									
PB03M	0.37	0.5	35	39	1" x 1"	39	39	32	25	18	12	6				
PB07M	0.75	1	45	60	1" x 1"	60	60	50	41	32	26	20	14	9		

Dimensional Drawing



MODEL	kW	DN _s	DN _d	L1	L2	L	A	B	C	D	E	H	H1	H2	L3	APPROX WEIGHT
PB03M	0.37	1"	1"	61	80	265	118	100	10	10	20	151	138	63	45	5.3
PB07M	0.75	1"	1"	66	90	305	136	112	10	10	21	181	150	73	90	10