

PM Series

Water Supply & Pressure Pumps
Peripheral Turbine Pumps



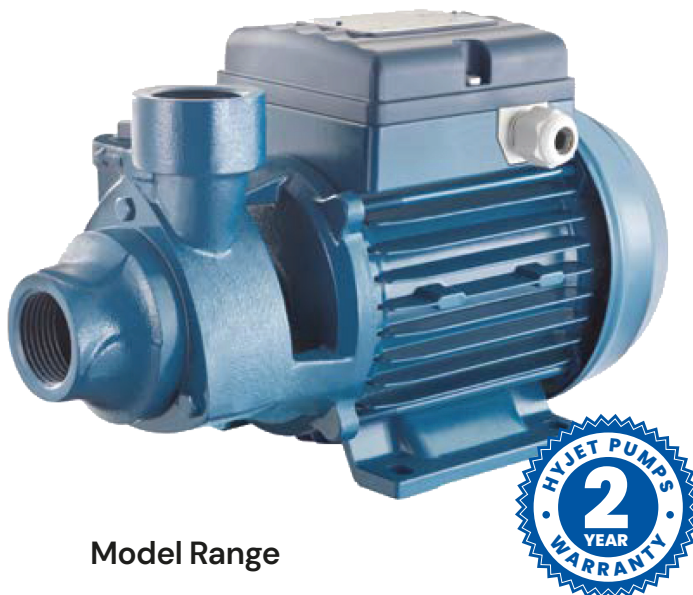
 **Made in Italy**
by Pentax Pumps

Application

Peripheral positive displacement pumps with frontal suction for small household systems and simple industrial applications; characterised by a considerable ratio between performance and required output.

Construction and Features

- Pump body: Cast iron
- Motor bracket: Cast iron, cast iron or bronze
- Impeller: Brass
- Mechanical seal: Ceramic-graphite
- Motor shaft: Stainless steel AISI 416
- Liquid temperature: 0 – 90 °C
- Operating pressure: Max 6 bar (PM 45),
Max 8 bar (PM 65, PM 80)



Model Range

Model	Description
PM45	Hyjet 0.37KW 240v Peripheral Pump with 2.5m cable & 3 pin plug
PM45-PC	Hyjet 0.37KW 240v Periferal Pump with Hyjet Electronic Pressure Controller 2.2 bar start pressure
PM80	Hyjet 0.74KW 240v Peripheral Pump with 2.5m cable & 3 pin plug

Motor

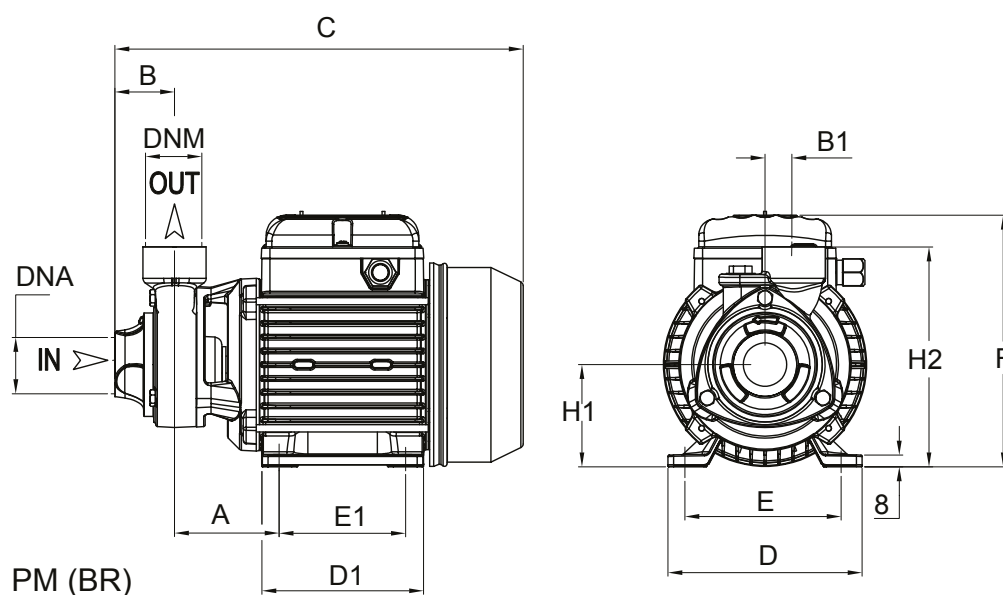
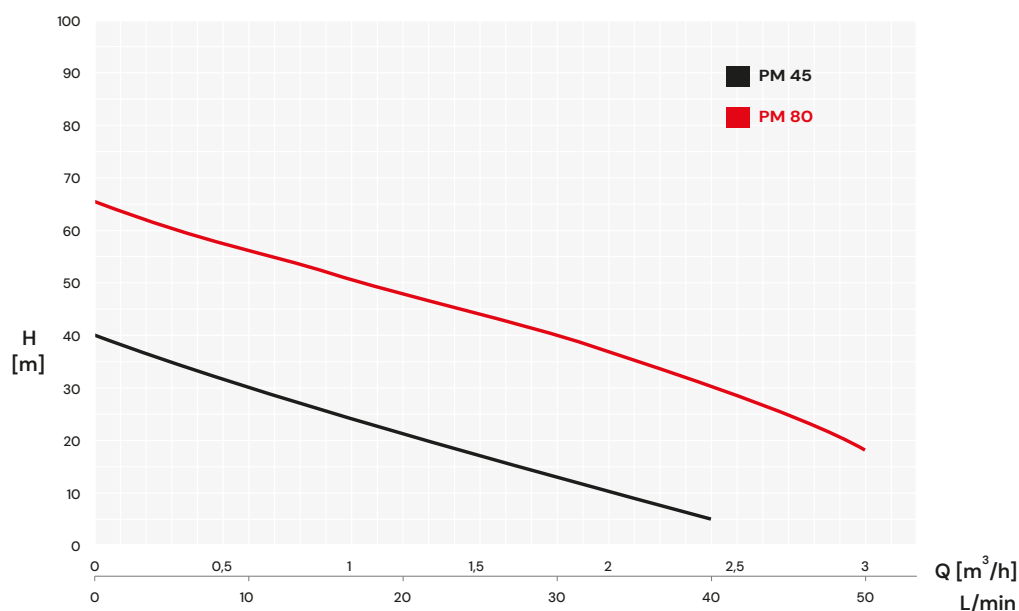
- 2 Pole induction motor: 3~ 240/400V-50Hz, 1~240V 50Hz, With thermal protection
- Insulation class: F
- Protection degree: IP44

Technical Data

Type		P2		P1 (kW)		Ampere		Q (m³/h - l/min)							
1~	3~					1~	3~	0	0.3	0.6	1.2	1.8	2.4	2.7	3.0
								0	5	10	20	30	40	45	50
								1x230V 50 Hz	3x400V 50 Hz	H (m)					
PM45	PMT45	(HP)	(kW)	1~	3~			40	35	30	21	13	5	-	-
PM80	PMT80	1	0.74	1.1	1.1	5.2	2	65	61	56	48	39	31	25.1	18



Performance



Dimensions

Model	Dimensions (mm)																Kg
	A	B	B1	C	D	D1	E	E1	F	H1	H2	DNA	DNM	I	L	M	
PM45	63	50	20	260	120	101	100	80	158	63	143	1"G	1"G	265	150	175	6.5
PM80	71.5	50	29	294	135	112	112	89	172	71	160	1"G	1"G	300	170	195	10.5

