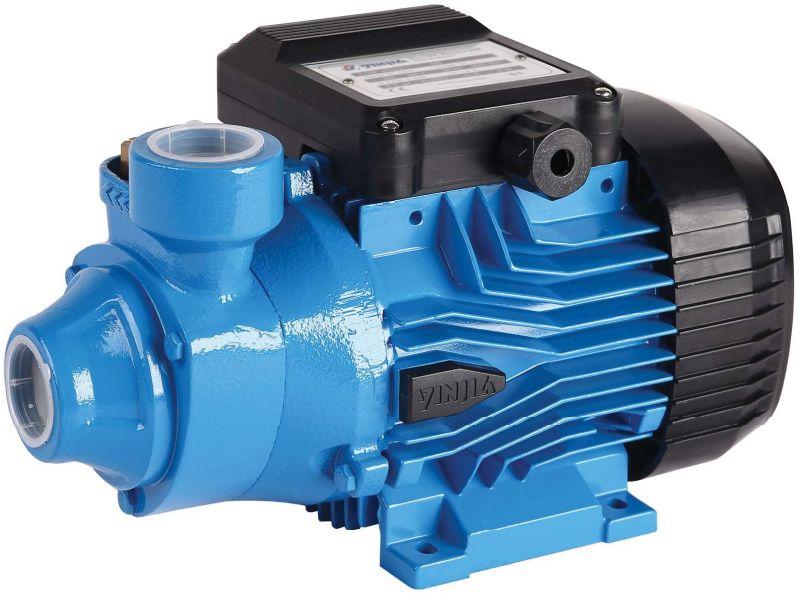
OPTIMA PUMPS

MODEL PM



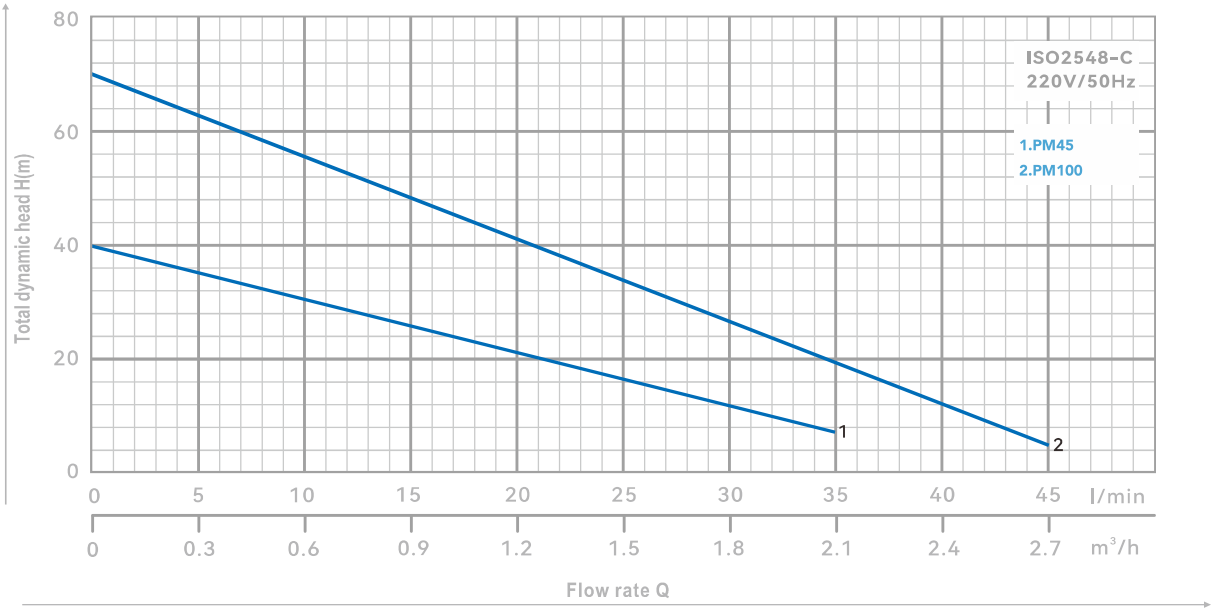
APPLICATIONS

- Small domestic installations
- Boiler feeding
- Washing systems
- Pressurization of industrial plants
- Small autoclaves
- Liquid transfer

DESCRIPTION

Motor
100% Copper winding, IE2 efficiency, insulation class B, IPX4 protection
Single-phase motor with built-in thermal protection
Motor Shaft
AISI 304 stainless steel shaft
Voltage & Frequency
230V, 50 Hz
Pump Body
Cast iron with Anti-rust process with Brass Inserts
Motor Bracket
Cast iron
Impeller
Brass
Mechanical Seal
Carbon Silicon / Graphite / NBR
Liquid Temperature
0°C to 90°C
Operating Limits
Suction lift: up to 8 m, Maximum pressure: 8 bar

PERFORMANCE CHART



PERFORMANCE DATA

Model	P2		P1	Ampere	Q(L/min - m³/h)								DN 1 IN (")	DN 2 OUT (")
				1~	0	5	10	20	30	35	40	45		
1~	HP	kW	kW	1x220V 50HZ	0	0.3	0.6	1.2	1.8	2.1	2.4	2.7		
					H (m)									
PM45	0.5	0.37	0.51	2.37	40	36	31.5	22	12	7	-	-	1	1
PM100	1.0	0.75	0.99	4.62	70	62	54	40	26	19	12	5	1	1