

Peripheral Pumps (PE SERIES)

Features : Sturdy and compact | Quiet and maintenance free | Excellent hydraulic performance | Good suction lift characteristics | SS insert is provided in the pump casing | Incorporated with thermal overload protector | Dynamically balanced rotating parts.

Applications : Residential | Gardens | Washing Systems | Pressure Boosting Unit | Civil Applications.



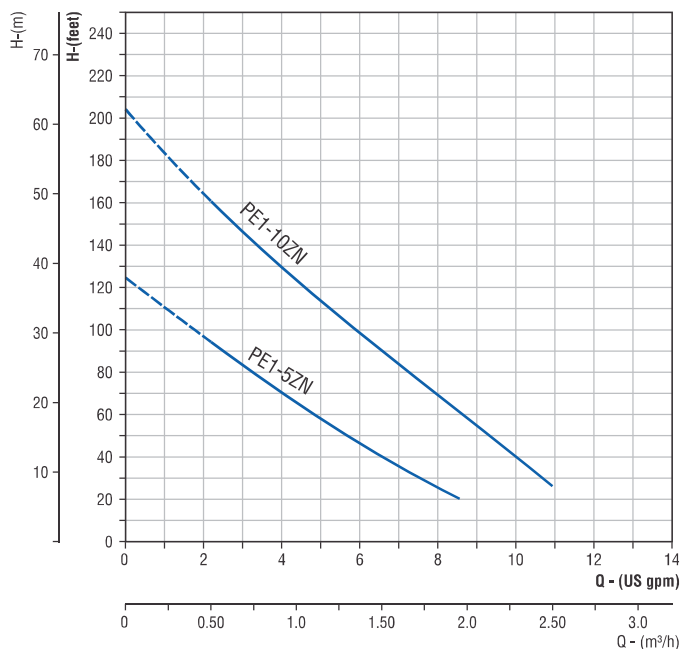
MATERIALS OF CONSTRUCTION

Pump Casing	: Cast Iron with SS insert
Motor Frame	: Aluminium
Impeller	: Forged Brass
Pump Bracket	: Cast Iron
Shaft	: S.S. 304 + Carbon Steel #45
Water Filling Plug	: Brass
Mechanical Seal	: Carbon & Ceramic
'O' Ring Seals	: NBR

PUMP OPERATING LIMITS

Maximum Suction Lift upto	: 26 ft / 8 m
Flow Rate upto	: 10.5 GPM / 2.4 m ³ /h
Maximum Head upto	: 203 ft / 62 m
Maximum Operating Pressure	: 87 PSI / 6 bar
Maximum Liquid Temperature	: 122°F / 50°C
Maximum Ambient Temperature	: 104°F / 40°C

PERFORMANCE CURVES



SPECIFICATIONS

Power Range	: 0.5 HP & 1 HP
Speed	: 3450 rpm
Versions	: 1Ph, 110/220V, 60Hz (Permanent split capacitor-PSC) Incorporated with Thermal overload Protector
Direction of Rotation	: Clockwise viewed from driving end
Type of Duty	: S1 (Continuous)
Degree of Protection	: IP 54
Class of Insulation	: 'B'
Suction & Delivery Size	: 1" x 1" BSP / NPT

PERFORMANCE TABLE

PUMP MODEL	MOTOR POWER		NOMINAL PUMP SIZE (Suc x Del)	m ³ /h	0	0.45	0.9	1.36	1.82	2.27	2.72
	HP	kW			US-gpm	0	2	4	6	8	10
PE1-5ZN	0.5	0.37	1" x 1"	Total Head in feet	125	98	70	47	25	20 (8.5gpm)	
PE1-10ZN	1.0	0.75	1" x 1"		203	165	130	99	70	40	27 (10.9gpm)

In view of continuous developments the information / performance / descriptions / specifications / Illustrations are subject to change without notice.