

PERIPHERAL END SUCTION PUMP

DOMESTIC | NON SELF PRIMING

pe
SERIES


SAMUDRA



Samudra's **PE-Series** pumps are **Non-Self Priming** Pumps with peripheral impellers, designed for lower head & Flow applications. These pumps are centrifetal type with unique impellers of fins over its periphery. These miniature monobloc pumps designed for domestic and small capacity commercial applications. The impellers are made up of brass material for trouble free operation. Inserts on the Casings made up of SS / Brass prevent the stuck of impeller over time and there by increases the shelf-life. The dynamically balanced rotor ensures vibration and noise free operation. Thermal over-load protector [TOP] is incorporated in the winding for automatic cut-off against electrical variation and thus protects the winding from electrical damages. These pumps are handy and occupy very less space due to its simple and compact design. The precise design, materials combination, manufacturing process and stringent quality assurance procedures ensure high quality performance and durability of the pump. These pumps can also be used along with pressure boosting systems for domestic applications.

TECHNICAL DETAILS

Power Range	: 0.37 & 0.75 kW 0.5 & 1.0 HP	Type pf Duty	: S1 (Continuous)
Versions	: 220 V, 60Hz, 1Ph	Degree of Protection	: IP 54
Nominal Speed	: 3400 rpm	Class of Insulation	: B
Discharge Range	: 0.5 - 2.6 m ³ /h	Maximun liquid Temperature	: 50°C
Shut-Off Head	: 60 m	Maximum ambient Temperature	: 40° C
Outlet Sizes	: 1" x 1"	Max. Operating Pressure	: 6 Bar

SALIENT FEATURES



Aluminium Die
Casting Motor
Body



100%
Copper Winding



Double Shield
Ball Bearings



Dynamically
Balanced
Rotor & Shaft

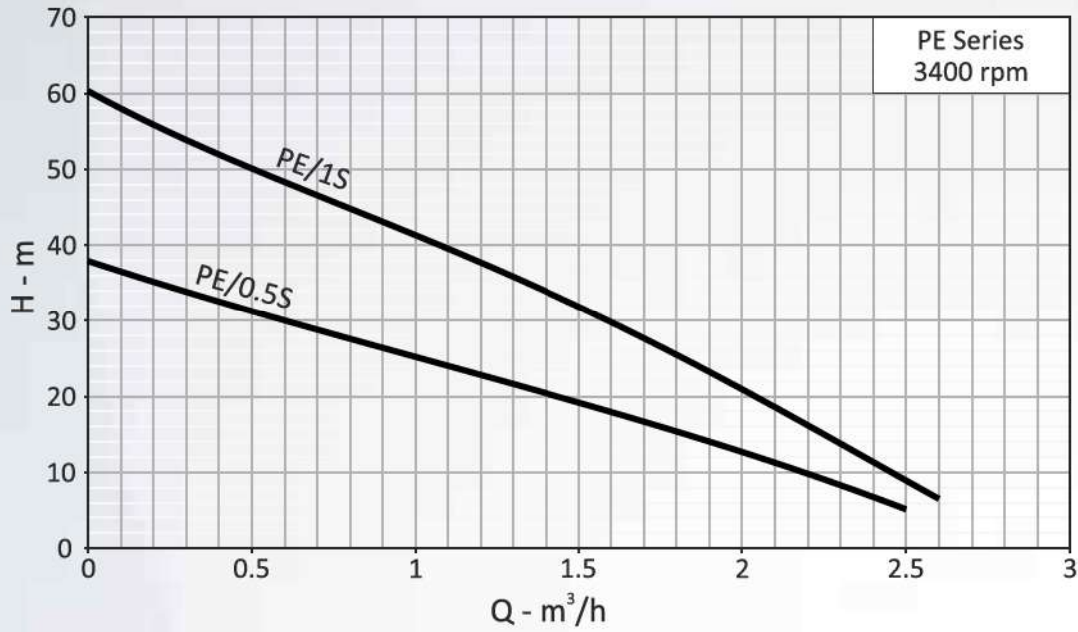


Optimized
Design Forged
Brass Impeller



Inbuilt with
Thermal Overload
Protector

PERFORMANCE CHART



PERFORMANCE TABLE

Model	Discharge (m³/h)	0	0.5	1	1.25	1.5	1.75	2	2.5	2.6
PE/0.5S	Head (m)	38	32	25	22	19	16	12	5	-
PE/1S		60	50	42	37	32	26	21	9	6.4

APPLICATIONS

- Residential
- Gardening
- Small Farms
- Domestic Washing Systems
- Domestic Pressure Boosting System
- Car Washing

FEATURES

- Optimal Design
- Compact Construction
- Good Suction Capacity
- Precisely made Parts
- Handy
- In-built Thermal Overload Protector

In view of continuous developments, the given information / descriptions / specifications / illustrations are subject to change without prior notice

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