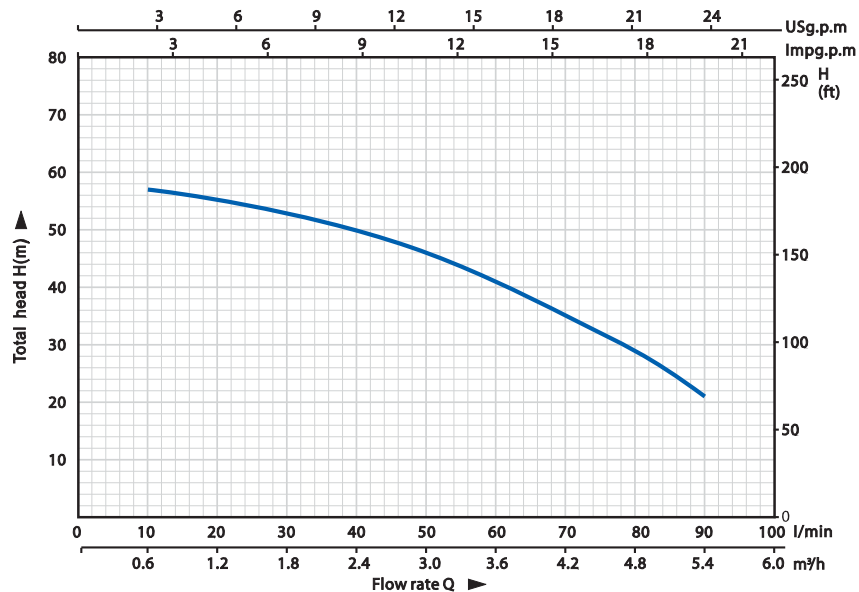


SM 5/60

SMART WATER BOOSTING SYSTEM



PERFORMANCE CHART AT n=2850RPM



Typical Applications

- Water Pressure Boosting - This pump is designed to work seamlessly with pressure sets, aiding in the enhancement of water pressure. It ensures a consistent and reliable flow, making it suitable for applications where increased water pressure is required, such as in multi-story buildings. It can be used to pressurize and distribute water in households.
- Rainwater Harvesting Systems - The pump is ideal for rainwater recovery systems. It can efficiently move collected rainwater for various uses, contributing to sustainable water management practices.
- Irrigation Systems - Agricultural applications, specifically irrigation systems, can benefit from the pump's ability to handle clean water with the presence of air.
- Commercial Buildings - The pump can be used in commercial buildings where there is a need for a reliable water supply and pressure. Its low energy consumption and continuous service make it a cost-effective solution for various commercial applications.
- Industrial Use - While the pump is not intended for highly corrosive liquids, its capabilities make it suitable for certain industrial applications where clean water pumping is required.

Operating Conditions

- **Max. Liquid Temperature:** +60°C
- **Ambient Temperature upto :** +40°C
- **Total suction lift up to:** 8m

Motor

- Two-pole induction motor(n=2850 r.p.m)
- Insulation Class B
- Protection IP44
- Thermal protector for single phase
- Single-phase 220V/50Hz, 60Hz if request
- Three-phase 380V/50Hz

Component

- **Pump body:** Cast iron + Stainless steel
- **Pump support:** Cast iron
- **Motor housing:** Aluminum
- **Impeller:** AISI304 SS, PPO if request
- **Motor shaft:** AISI304 SS
- **Mechanical seal:** SIC/Graphite

Technical Data

Model	Power		INLET/OUTLET Inch	Current	Dimensions (mm)			Weight (kg)
	kW	HP			L	W	H	
SM 5/60	0.85	1.1	1" X 1"	4.5	490	190	210	13.3

*Thin, clean, chemically non-aggressive liquids without fibres