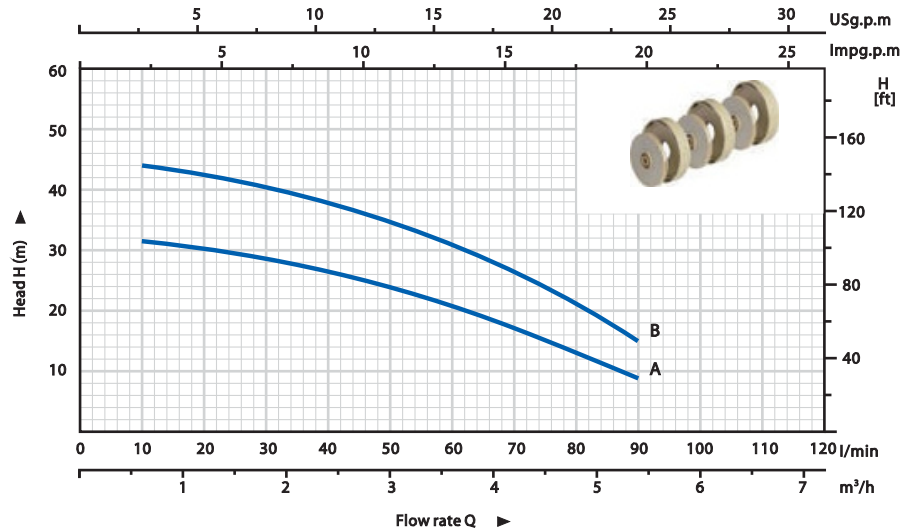


SDP2000 MULTISTAGE CENTRIFUGAL BOOSTER PUMP



PERFORMANCE CHART AT $n=2850\text{RPM}$



Typical Applications

- Small-Scale Irrigation - Self-priming design for drawing water, ideal for gardens and agricultural plots, ensuring reliable small-scale irrigation.
- Water Boosting - Centrifugal impeller boosts water, providing consistent pressure for improved residential and commercial water outlets.
- Water Transfer - Portable pump for efficient water transfer between locations, suitable for filling tanks and supplying remote areas.
- Portable Applications - Handle for easy mobility, making it perfect for portable use in temporary irrigation setups or emergency water transfers.
- AutoPress System - Automatic booster system with diaphragm tank, pressure switch, and gauge for maintaining consistent water pressure in various applications, even when air is present
- Temperature-Sensitive Applications - Suited for pumping thin, slightly aggressive liquids, with a maximum temperature handling of +35°C for diverse liquid transfer. Operates in ambient temperatures up to +40°C, providing versatility for use
- Very quiet, reliable flow power consumption

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
- **Continous service** S1
- Thermal protector for single phase
- Single-phase 220V/50Hz

Component

- **Pump body:** AISI304 SS
- **Pump Support:** Aluminium
- **Motor Housing:** Aluminium
- **Impeller:** PPO
- **Motor shaft:** AIS1304
- **Mechanical Seal:** SIC/Graphite

Technical Data

No.	Model	Power		INLET/OUTLET (Inch)	Current (A)	Dimensions (mm)			Weight (kg)
		kW	HP			L	W	H	
A	SDP2000	0.37	0.5	1" X 1"	4.2	405	245	325	8.5
B	SDP2000A	0.75	1	1" X 1"	5.3	440	265	360	12