

SP SERIES

SELF-PRIMING PUMPS WITH SIDE CHANNEL

Close-coupled centrifugal pumps with liquid side channel and star impeller. Designed to remain primed even in the presence of water-dissolved gases or when the suction line is not filled with liquid.

- **THE NICKEL-PLATED BRASS IMPELLER IS HOUSED BETWEEN TWO BRASS WEAR PLATES IN THE PUMP BODY TO PREVENT JAMMING DUE TO OXIDATION**



APPLICATIONS

- Water circulation for domestic use.
- Home lawn and garden sprinkler systems.
- Washing and transfer.
- Applications where keeping the pump primed is problema.

SPECIFICATIONS

- **Delivery:** up to **45 l/min (2,7 m³/h).**
- **Head:** up to **49,3 m.**
- **Maximum operating pressure: 8 bar.**
- **Continuous duty.**
- **Temperature of pumped liquid: -10°C to +40°C.**
- **Max ambient temperature: 40°C.**
- Enclosed **motor** with **external ventilation and aluminium alloy finned casing.**
- Versions:
 - Single-phase** 220-240 V 50 Hz, permanently connected capacitor and built-in automatic reset overload protection.
 - Three-phase** 220-240/380-415 V 50 Hz, thermal overload protection to be provided by user.
- Power up to 0.75 kW.
- Class **F Insulation.**
- **IP 55 protection.**

TABLE OF MATERIALS

PART	MATERIAL
Pump body and motor/pump support	CAST IRON
Impeller	NICKEL-PLATED BRASS
Front flange, rear diffuser plate and fill plug	BRASS
Shaft extension	STAINLESS STEEL (AISI 416 – DIN 1.405)
Mechanical seal	CARBON/CERAMIC/NBR
O-ring seals	NBR

