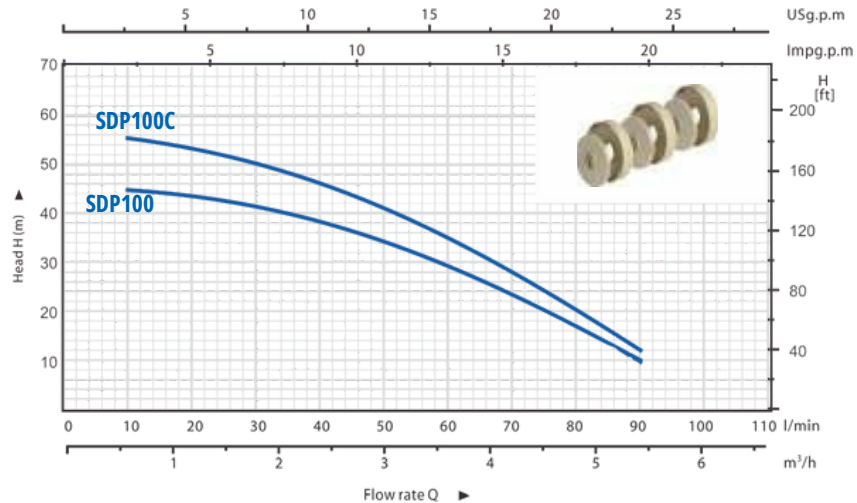


SDP100 MULTI-STAGE PUMPS



PERFORMANCE CHART AT n=2850RPM



Typical Applications

- These pumps are suitable for handling clean water and non-corrosive liquids that do not damage the materials used in their construction. Thanks to their reliability and ease of use, they are commonly applied in both domestic and civil settings—for water distribution systems combined with small to medium pressure units, liquid transfer, and the irrigation of gardens and small agricultural plots. To ensure proper function and durability, the pump should be installed in a covered or enclosed space, protected from harsh weather conditions.

Technical Data

| MODEL | INLET/OUTLET | N.W | L x W x H |
|---------|--------------|------|-----------------|
| | (INCH) | (kg) | (mm) |
| SDP100 | 1" x 1" | 11 | 415 x 220 x 232 |
| SDP100C | 1" x 1" | 12.5 | 439 x 220 x 232 |

Components

- Pump body
- Pump support
- Motor housing
- Impeller
- Motor Shaft
- Mechanical Seal

Construction

- AISI304SS
- Aluminum
- Techno-polymer
- Ceramic/Graphite

Motor

- Two-pole induction motor (n=2850 r.p.m)
- Insulation Class B
- Protection IP44
- Continuous service S1
- Thermal protector for single phase

Operating Conditions

- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8m

| MODEL | POWER | | Q (m³/h) | 0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.8 | 5.4 |
|---------|-------|-----|----------|-----------|------|-----|-----|------|-----|------|------|-----|
| | kW | HP | | Q (l/min) | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 80 |
| SDP100 | 0.75 | 1 | H | 45.5 | 44.6 | 43 | 41 | 38.5 | 35 | 30.5 | 18 | 3.6 |
| SDP100C | 0.9 | 1.2 | | 56 | 55 | 53 | 50 | 46 | 41 | 35 | 20.8 | 12 |