SOUTHERN CROSS SC
4 Inch (100mm) SUBMERSIBLE PUMPS

RELIABLE CORROSION RESISTANT SUBMERSIBLE PUMPING PERFORMANCE

FEATURES

- Designed for general water supply in 100mm or larger boreholes.
- Full 304 stainless steel construction for corrosion resistance.
- Screwed pump outlet connections: SC-1, 2 & 3 32mm (1 1/4" BSPF)
  SC-5 38mm (1 1/2" BSPF)
  SC-8 & 12 50mm (2" BSPF)
- Inbuilt positive sealing non-return valve with natural rubber seat.
- Robust 304 stainless steel cable protector and inlet strainer.
- Natural rubber shaft bearings and impeller wear rings.
- 304 stainless steel 4 inch NEMA standard motor coupling.
- Quality NEMA Standard oil filled motors from 0.37 to 5.5kW.

APPLICATIONS
- Domestic
- Agricultural
- Stock Watering
- Irrigation
- Pressure Boosting
- Industrial

PUMP CONSTRUCTION MATERIALS

- Pump Bowls: 304 Stainless Steel
- Impellers: 304 Stainless Steel
- Diffusers: 304 Stainless Steel
- Shaft: 431 Stainless Steel
- Motor Coupling: 304 Stainless Steel
- Non-Return Valve: 304 Stainless Steel
- Valve Seat: Natural Rubber
- Shaft Bearings: Natural Rubber
- Impeller Wear Rings: Natural Rubber

OPERATING LIMITS

- Capacity: Maximum 18m³/hour
- Head: Maximum 300 metres
- Max. Water Temp.: +35°C
- Max. Sand Content: 50g/m³
- Pumped Liquid: Clean Water

SC4-IF-1212
SAVA 4 INCH OIL FILLED SUBMERSIBLE ELECTRIC MOTORS

**Single Phase, 240 Volt**

<table>
<thead>
<tr>
<th>Power (kW)</th>
<th>Full Load Current (A)</th>
<th>Start Current (A)</th>
<th>Efficiency (%)</th>
<th>Power Factor (cosφ)</th>
<th>Thrust Load (N)</th>
<th>Capacitor (μF)</th>
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**3 Phase, 415 Volt**

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**FEATURES**

- 4” NEMA standard
- 304 grade stainless steel shell and end caps.
- 420 stainless steel (0.37-2.2kW) or 630 stainless steel shaft (3 - 7.5kW) shaft.
- Aluminium (0.37-2.2kW) or copper (3-7.5kW) rotor.
- High quality carbon/ceramic mechanical seal.
- Non-toxic food grade white oil.
- Approved for potable water applications.
- F class motor insulation.

**OPERATING LIMITS**

- Max. immersion depth: 200m
- Max. water temperature: 35°C
- Max. starts per hour: 40
- Min. flow rate: 0.2m/sec
- Max. voltage variation: 230V±10% 400V±10%