SQ RANGE

SUBMERSIBLE PUMPS

FOR COMPACT RELIABILITY

The SQ pump is Grundfos' most compact submersible solution for ground water extraction. A mere 3" in diameter, the long, lean pump fits nicely into small boreholes of the same size – or in 4" boreholes that over time have become smaller due to ochre deposits. The compact design along with key features like dryrunning protection and soft start to reduce wear on motor makes the SQ pump one of the most reliable choices for submersible operation.

BENEFITS

- Unique 3" design
- · Wide voltage window
- Soft start reduces wear on motor and minimises stress of the entire installation
- Dry-running protection
- · Overload protection
- Automatic restart
- All stainless steel exterior design reduces risk of corrosion to a minimum
- Built-in electronics facilitate installation and operation

APPLICATIONS

- Domestic water supply
- Small water works
- · Irrigation systems
- Groundwater lowering

THE SQ RANGE IN MORE DETAIL

KEY FEATURES

- · Soft start and low amp draw
- · High starting torque & deep setting handling
- · 2 wire & no extra box needed
- Handle voltage fluctuation, protection and automatic restart
- Dry-running protection
- Soft start
- Built-in electronics
- Permanent magnet motors

TECHNICAL DATA

- Performance range: Flow up to 7m³/h (SQ/SQN 7)
- Head up to 180 m (SQ/SQN 1)
- Nominal voltage range: 1x200-240V
- Frequency: 50/60Hz
- Max. acceptable media temp: 30 °C (40 °C)
- Pump diameter: Ø74 mm
- Weight (min./max.): 4.7-6.4 kg
- Thread connections: RP 1¼ / RP 1½
- Minimum well diameter: Ø76 mm
- Materials (Stainless steel):
 SQ DIN W.-Nr. 1.4301, AISI 304,
- The SQ pump can be installed vertically or horizontally



