

## 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 dry-running 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 7m<sup>3</sup>/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

