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 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

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