

WHY SQFLEX?

THE INS AND OUTS

SQFlex pumps have built-in protection features that protect the pump itself and in many cases the well. Among these features are:

- Protection against dry-running, overloading and overheating
- Automatic restart when water returns to the well or when the motor temperature returns to the safety range
- Continuous load condition and voltage monitoring

PUMP CASING

- > Stainless steel for long pump life.

BEARINGS

- > Powerful carbon/ceramic bearing system ensures high reliability.

MOTOR

- > Only one motor for the entire pump range built-in unique features. A newly developed segmented stator gives high efficiency

POWER TRANSMISSION

- > The unique Grundfos micro frequency converter ensures power transmission to the motor

ANY VOLTAGE

- > A wide voltage range enables the motor to operate at any voltage between 30V and 300V DC or 90-240V AC, which makes installation and sizing especially easy.



HELICAL ROTOR PUMP

- > Based on original pumping principles, the helical rotor pump uses a few, simple components for effective pumping - high head and low flow.

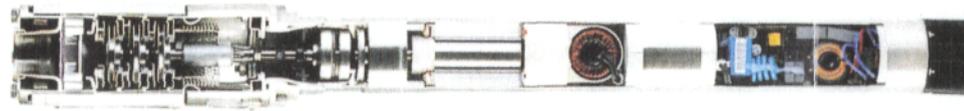
DRY-RUNNING PROTECTION

- > This unique feature shuts down the pump if it detects water shortage. It protects the well from being over-pumped and the motor from burning out.



CENTRIFUGAL PUMP (4")

- > Technology based on 30 years' experience enables high flow in shallow water conditions. Stainless steel components give high wear resistance.



COMMUNICATION

- > Two-way communication between control unit and pump eliminates the needs for additional wires.

SYSTEM EFFICIENCY

- > Maximum Power Point Tracking (MPPT) means even and high system efficiency regardless of power source.

BE > THINK > INNOVATE