



Applications:

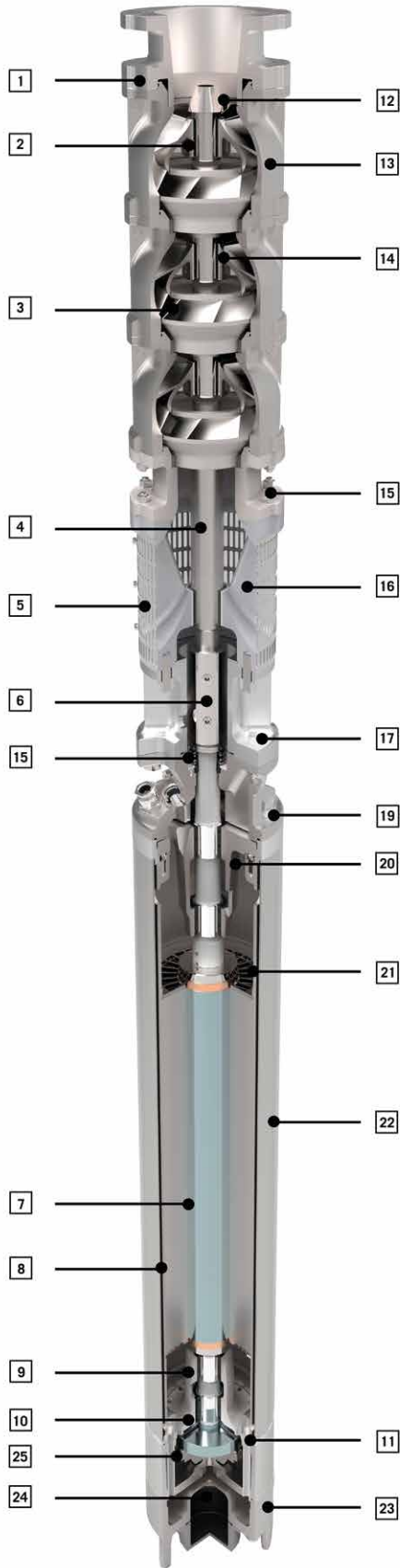
- Water supply
- Desalination
- Irrigation
- Mining
- Oil & Gas
- Power plants



The **SP UGP serie** consists of submersible pumps and motors designed for pumping clean or slightly contaminated water in a wide range of sectors and applications. **UGP pumps** are multistage centrifugal pumps directly coupled to a submersible electric motor designed for permanent submersible operation. All parts of the pump and the motor are completely designed and manufactured by **TRODEKS**.

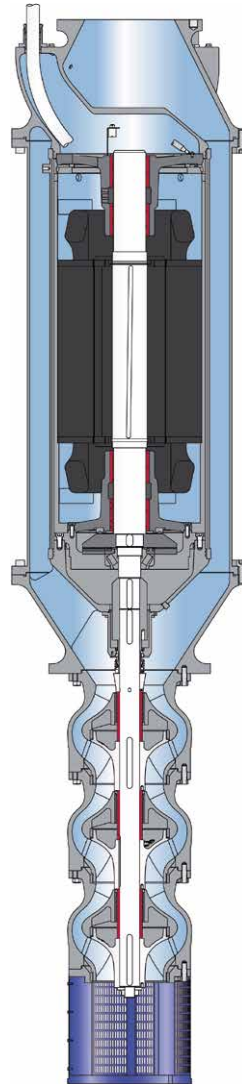
The units are specially designed to operate in deep and narrow wells. The different configuration options, along with a wide range of materials, make **UGP pumps** a highly-versatile product which provides perfect solutions to an infinite range of demands.

Features	Ranges
Flow	50 m ³ /h - 8000 m ³ /h
Head	30 m - 1000 m
Power	30 kW - 3000 kW
Voltage	380 V - 13800 V
Speed	735 rpm - 3500 rpm
Materials	Cast iron, stainless steel (304, 316, 904L, Duplex, Super Duplex)
Type of installation	Vertical, vertical with cooling shroud, horizontal in dry well, inclined, low suction or inverted



Installation options	Range of materials
<ul style="list-style-type: none"> •Vertical in well •Vertical with cooling shroud •Horizontal •Horizontal in pipe/dry well (booster) •Inclined •Floating •Inverted or low suction •SERIES installation •TANDEM installation 	Iron Stainless steel: 304 316 904L Duplex Super duplex

The **UGP pump** is a robust, safe, flexible solution with a modular design, offering a wide range of flow rates and discharge pressures



Part list
1. Discharge flange
2. Spacer sleeves
3. Impeller
4. Pump shaft
5. Suction strainer
6. Coupling
7. Rotor
8. Stator
9. Radial bearing
10. Friction disc
11. Axial bearing
12. Screw
13. Pump bowl
14. Radial bearing
15. Suction flange
16. Suction body
17. Coupling flange
18. Mechanical seal
19. Motor flange
20. Upper bearing housing
21. Windings
22. Motor case
23. Base
24. Membrane
25. Internal cooling impeller