



Applications:

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



The **SP UGP-M series** consists of multistage centrifugal pumps directly coupled to a submersible electric motor in **inverted configuration**, designed for permanent submersible pumping operation of clean water in a wide range of sectors and applications.

Being the pump suction located at the lowest part of the set, this allows increasing the submergence of the set in installations where the water level is low or where the water level is too low to assure the required suction conditions. At the same time, this configuration maximizes pumping, allowing an efficient use of water reserves. The motor, assembled in inverted position on top of the set, includes a cooling shroud that ensures the cooling flow with the discharged fluid.

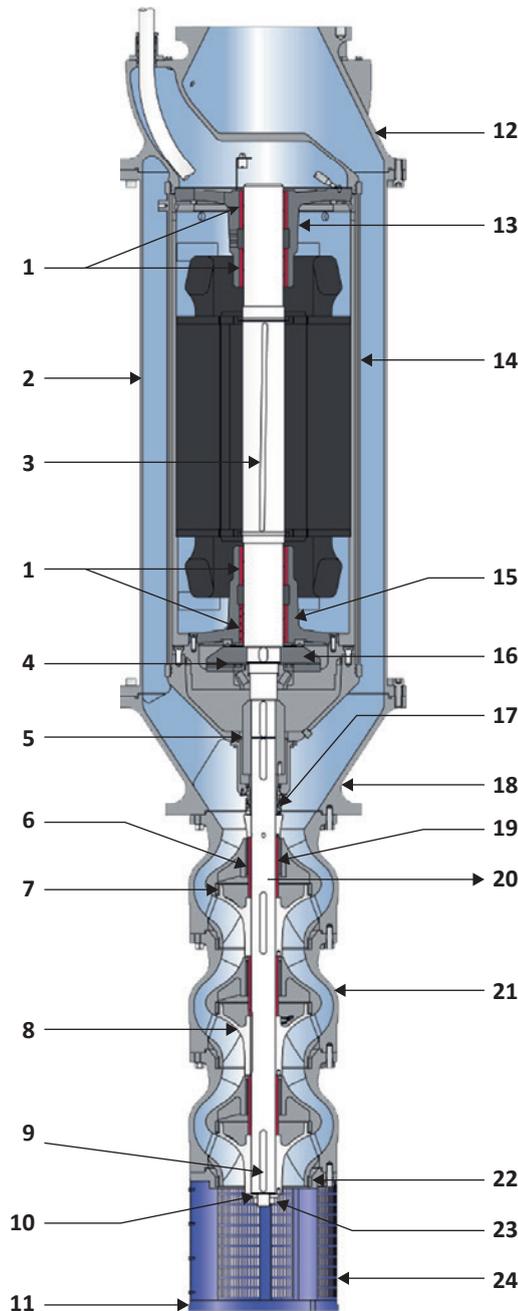
All parts of the pump and the motor are completely designed and manufactured by INDAR. This configuration, along with a wide range of materials, make **UGP-M pumps** a highly-versatile product which provides perfect solutions to an infinite range of demands.



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	Low suction or inverted



Installation options	Range of materials
• Inverted or low suction	Iron Stainless steel: 304 316 904L Duplex Super duplex



Part list
1. Radial bearings
2. Cooling shroud
3. Rotor
4. Axial bearing
5. Coupling
6. Pump radial bearing
7. Upper wear ring
8. Impeller
9. Key
10. Washer
11. Suction body
12. Discharge body
13. Upper bearing housing
14. Motor casing
15. Lower bearing housing
16. Friction disc
17. Mechanical seal
18. Union body
19. Spacer sleeve
20. Pump shaft
21. Pump bowl
22. Lower wear ring
23. Pump shaft nut
24. Strainer