

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

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

## Features

Flow  
Head  
Power  
Voltage  
Speed  
Materials  
Types of configuration

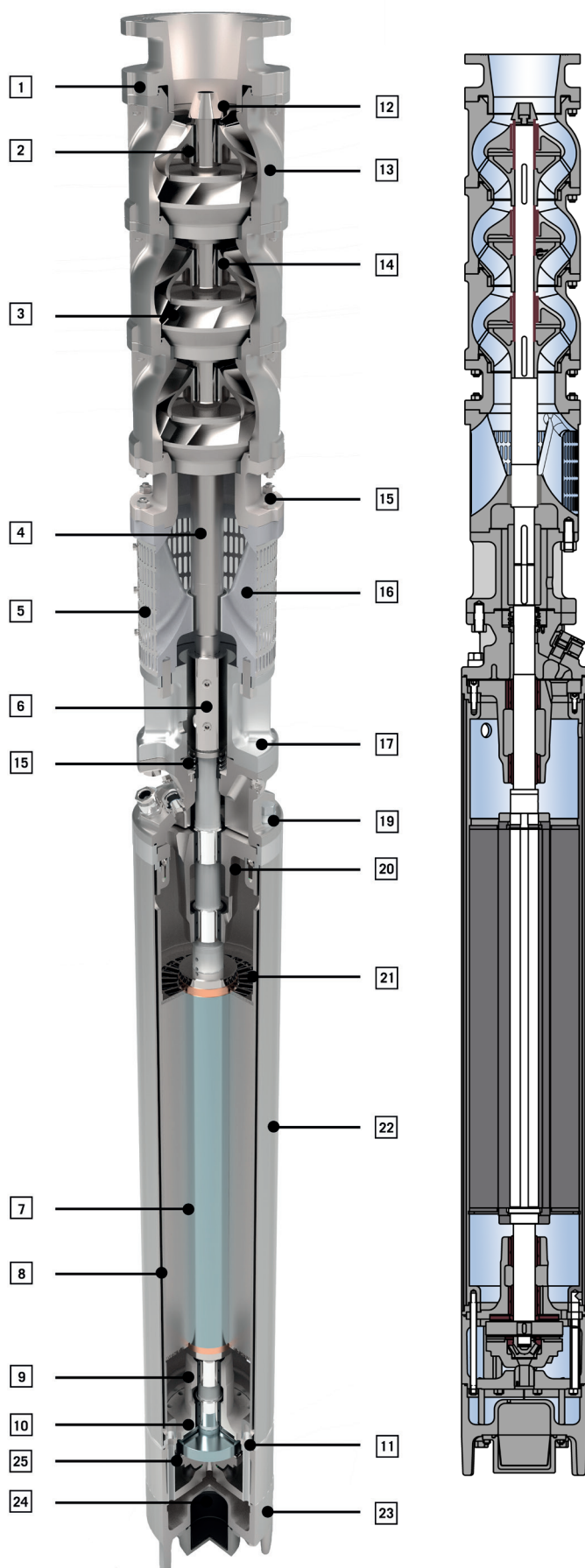
## Ranges

50 m<sup>3</sup>/h-8000 m<sup>3</sup>/h  
30 mwc-1000 mwc  
30 kW-3000kW  
380 V-13.8 kV  
735 rpm-3500 rpm  
Cast iron, stainless steel (304, 316, 904L, Duplex, Super Duplex)  
Vertical, vertical with with cooling shroud, horizontal in dry well, inclined, low suction or inverted.

## Applications:

Drinking water supply for industrial processes, irrigation installations, booster units or pumping from tanks. Collection of water from the sea, rivers, lakes and underground water. Fire prevention installations.

**Indar**  
An **Ingeteam** brand



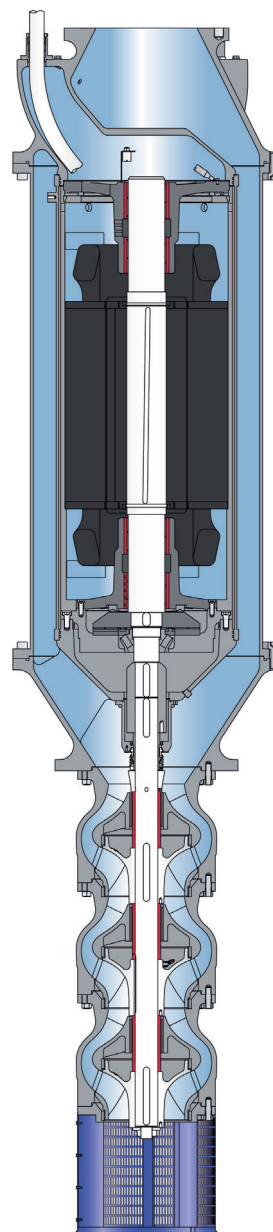
## Configuration options

Vertical in well  
Vertical with cooling shroud  
Horizontal  
Horizontal in pipe/dry well (booster)  
Inclined  
Floating  
Inverted or low suction  
SERIES installation  
TANDEM installation

## Range of materials

Iron  
Stainless steel:  
304  
316  
904L  
Duplex  
Super Duplex

The UGP series is a safe, robust, flexible solution with a modular design, enabling it to cover a wide range of flows and heads



## Components SP UGP

- 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