



The **Indar BF serie** consists of submersible pumps and motors designed for applications as sewage, drainage, storm water or solid containing liquids, in a wide range of product ranges. The **Indar BF pump** is a mono cellular design with a multi-channel impeller design. The submersible electric motor is directly coupled to the pump. They are designed to operate in harsh conditions for municipalities and industrial applications or also for salt water intake systems. All parts of the pump and the motor are designed and manufactured by Ingeteam.

An efficient cooling system of the motor ensures the unit to work continuously even under severe environmental conditions, regardless of whether the pump is submerged or not. The impellers are designed to guarantee a wide and free passage of the pumping fluids and prevent clogging. Depending of the application and the quality of the pumping liquid, the impeller can be either a closed or open type impeller with one, two or more channels. The wide installation options, along with a wide range of construction materials, makes **Indar BF pumps** a highly-versatile product that provides perfect solutions to an infinite range of applications.

APPLICATIONS

- Water supply
- Waste water treatment
- Storm water pumping
- Desalination

FEATURES	RANGES
Flow	793 US gpm – 59,439 US gpm
Head	16 ft - 328 ft
Power	40 HP – 4,023 HP (larger customized motors upon request)
Voltage	380 V - 13800 V
Speed	300 rpm - 1,800 rpm
Materials	Cast iron, stainless steel (316, 904L, Duplex, Super Duplex)
Type of installation	Installation in wet wells (quick coupling device) and in dry pits

INDAR BF

Indar Submersible Pump

INSTALLATION OPTIONS

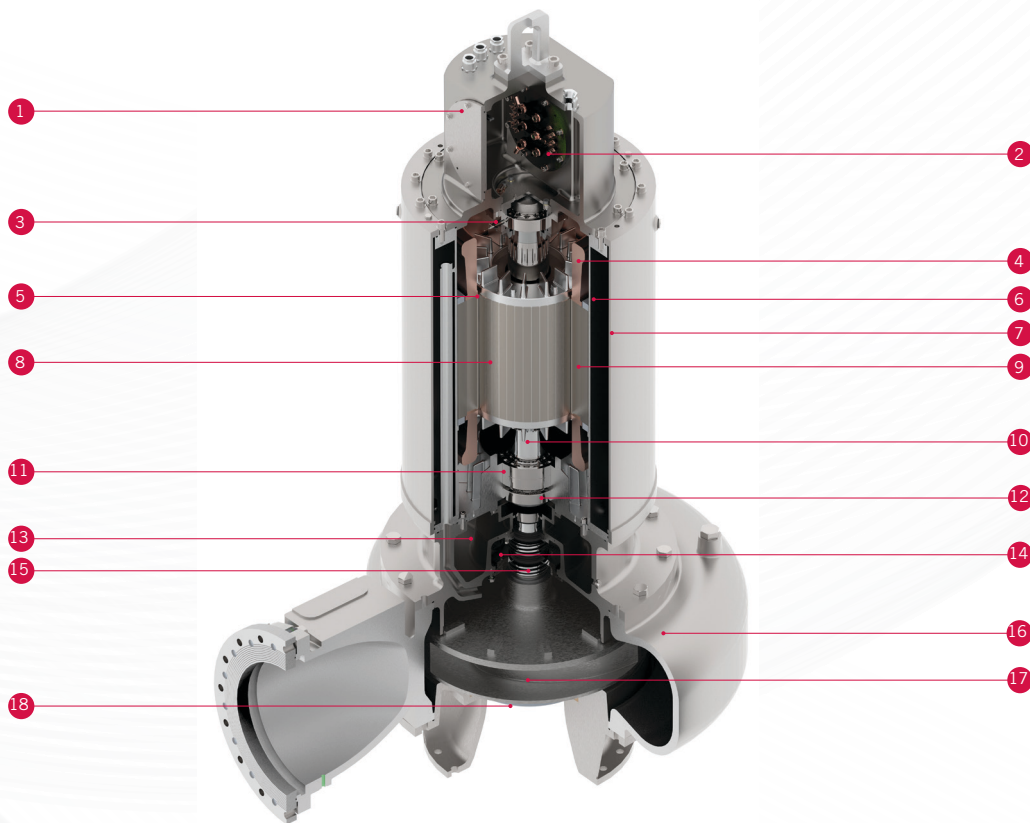
- Installation in wet wells, with quick coupling device
- Dry pit installation

RANGE OF MATERIALS

- Iron
- Stainless steel:
- 316
 - 904L
 - Duplex
 - Super Duplex

Upon the characteristics of pumping fluid, **Indar BF pumps** are built in various materials which make the pump highly-resistant against abrasion and corrosion. All units are equipped with high-quality mechanical seals to ensure the electrical motor to be protected.

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



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|--------------------------------|---|----------------------|
| 1. Cable outlet lid | 8. Rotor | 14. Oil chamber |
| 2. Terminal tablet | 9. Stator | 15. Mechanical seals |
| 3. Upper bearing | 10. Common shaft for impeller and rotor | 16. Pump bowl |
| 4. Winding heads | 11. Lower bearings | 17. Impeller |
| 5. Windings thermal protection | 12. Lower bearing thermal protection | 18. Wearing ring |
| 6. Stator casing | 13. Level sensor | |
| 7. Cooling jacket | | |