3" STM

INCREASED RESISTANCE TO SAND

75 mm diameter multi-stage deep well pumps with increased resistance to sand, intended for 3 and 4 inch wells. Increased resistance to sand is achieved by using "floating impellers" and the selection of wear-resistant materials. The pump capacitor is built into the motor so the electrical system is much simpler than in case of pumps with a control box. The pumps are equipped with thermal protection mounted in the motor winding. The pumps are available with 1.5 m long cable section or 20 m long stock cable terminated with a plug.

The main advantage of the 3STM pumps is their up to 100l/min. flow, exceptionally high as for 3" pumps.

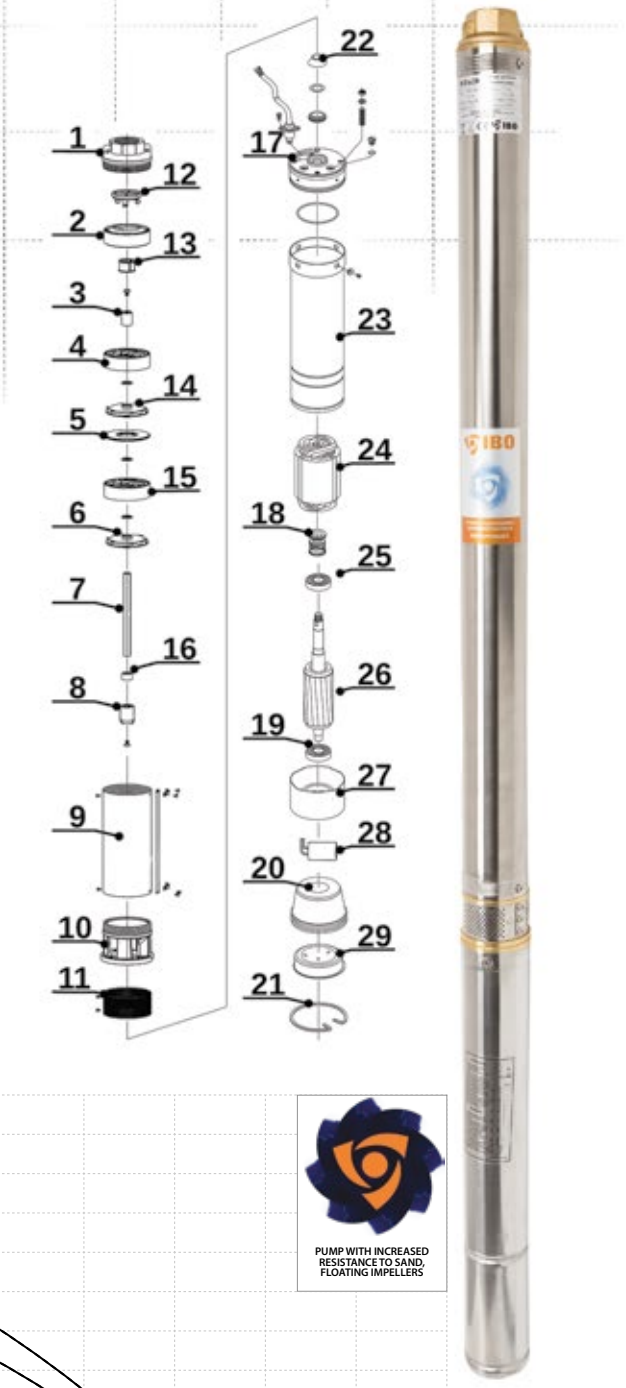
APPLICATION:
Supply of water to single-family houses and holiday houses. Irrigating gardens. Drainage/dewatering.

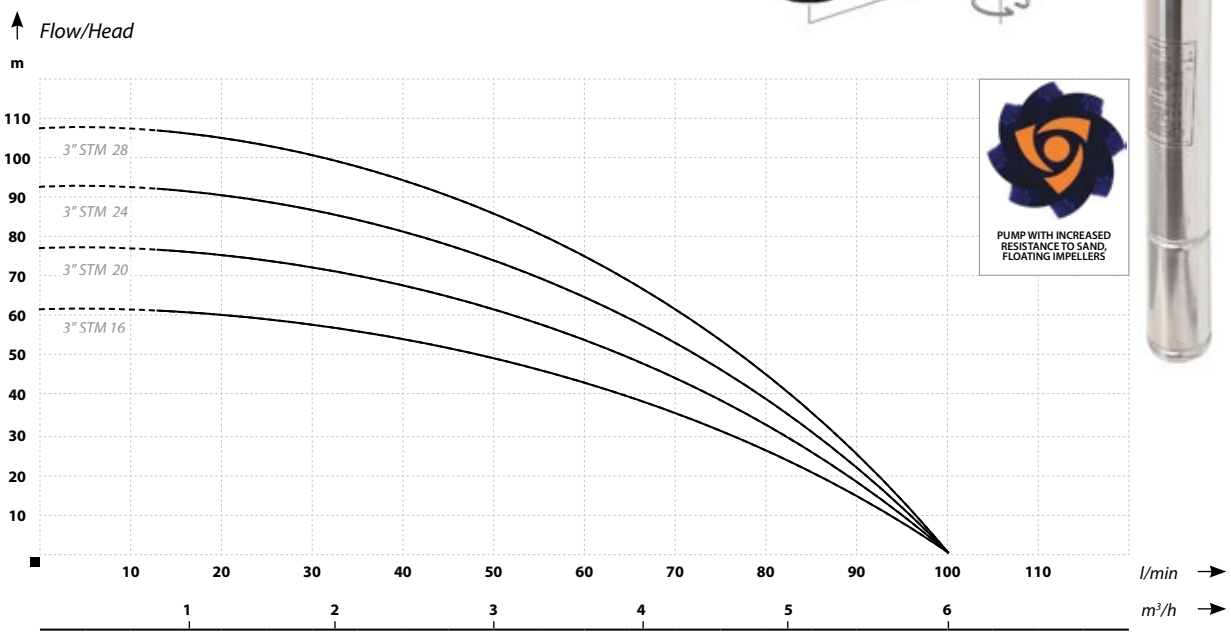
Operating conditions:

- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Class B Insulation
- Operating mode - continuous
- Protection - IP68

Materials:

- Inlet/outlet: brass
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: Noryl
- Venturi tube: Noryl
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil cooling
- Rotational speed of the electric motor: 2850RMP





PARAMETERS

Name	Head (m)	Flow (l/min)	Motor power (W)	Voltage (V)	Amperage (A)	Inlet/outlet (inch)	Dimensions Dia/H (mm)	Weight (kg)
3" STM 16	62	100	750	230	5,5	1¼	75/1260	10
3" STM 20	77	100	1100	230	6,7	1¼	75/1480	12
3" STM 24	93	100	1100	230	6,7	1¼	75/1580	14
3" STM 28	108	100	1500	230	9,7	1¼	75/1760	16