



3" TI



**Increased resistance to sand
Floating impellers**

3 inch (74 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: brass, AISI 304 stainless steel, and high quality plastic 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 available with 1.5 m long cable section or 20 m long stock cable terminated with a plug. The pumps are equipped with thermal protection mounted in the motor winding. Due to their reliable operation and high performance, the 3" TI pumps are among the most often installed 3" pumps in Poland.

Application:

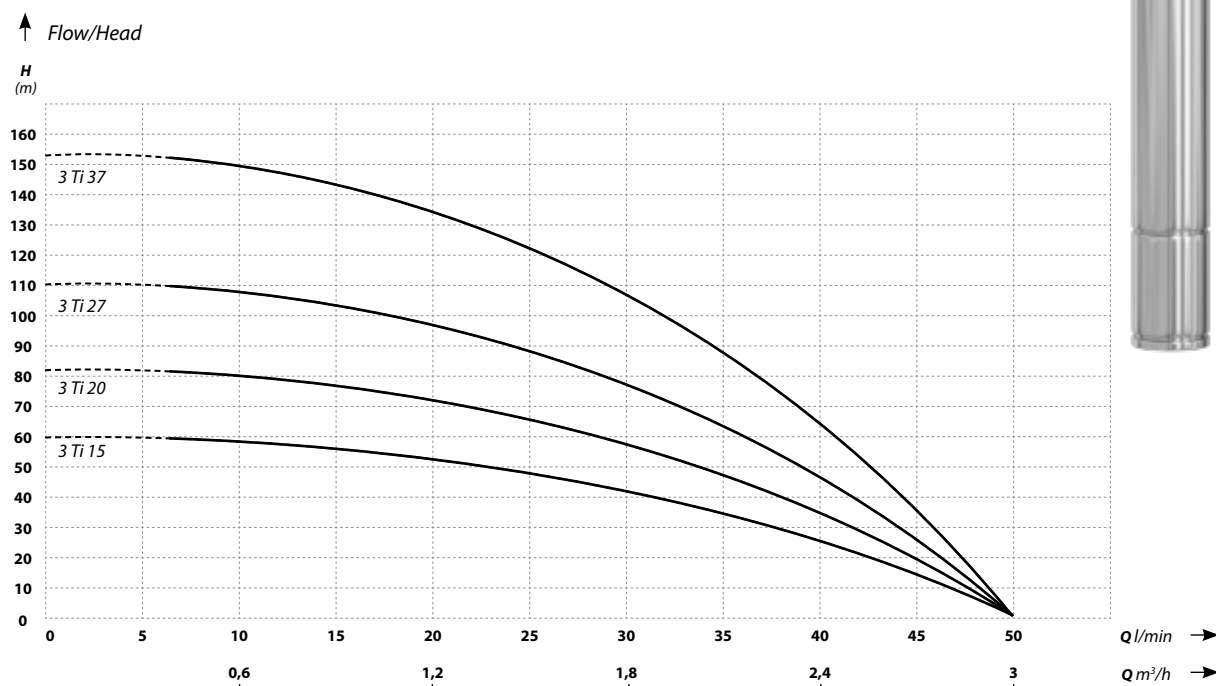
Supply of water to single-family houses and holiday houses. Irrigating gardens

Operating conditions:

- Maximum liquid temperature 35°C
- Maximum ambient temperature 35°C
- Voltage: 230 V or 400 V
- Class B Insulation
- Operating mode - continuous
- Protection - IP68
- Power cable length: 20 m lub 1,5 m
- Workplace: vertical
- Max. number of starts per hour: 20
- Max. immersion depth: 100 m
- Rotational speed of the electric motor: 2850 RPM

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



Name	Head (m)	Flow (l/min)	Motor power (W)	Voltage (V)	Amperage (A)	Inlet/outlet (inch)	Dimensions Dia/H (mm)	Weight (kg)
3 Ti 15	60	50	370	230	3,2	1	75/1035	10
3 Ti 20	82	50	550	230	4,2	1	75/1210	12
3 Ti 27	110	50	750	230	5,2	1	75/1470	14
3 Ti 37	152	50	1100	230	6,7	1	75/1810	18