

## 6" ISP STAINLESS STEEL PUMPS

Stainless steel multi-stage deep well pumps with diameters of up to 145 mm, designed for pumping water with up to 0.3% sand content from a minimum 6" (150 mm) wells. Robust stainless steel design provides long-term and reliable operation.

The pumps are available with 4 and 6 inch IBO or IBO ITALY motors. Depending on customer requirements, connected IBO ITALY motors can be oil- or water-cooled.

Due to the proven design and very high parameters compared to the diameter of the pumps, they can be used in a very wide range of applications, from supplying water to large farms to industrial solutions.

### APPLICATION:

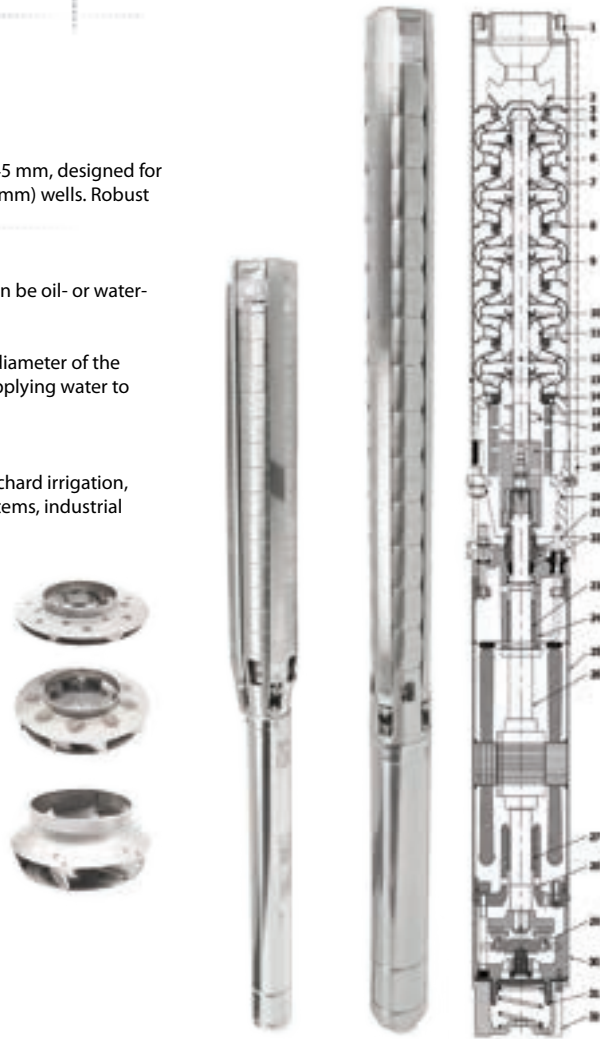
Supply of water to large farms from deep water intakes, garden and orchard irrigation, shrubs and tree nurseries, land drainage/dewatering, water supply systems, industrial applications.

### OPERATING CONDITIONS:

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

### MATERIALS:

- Inlet/outlet: stainless steel AISI 304
- Clutch, tie rods and cable protector: stainless steel AISI 304
- Housing: stainless steel AISI 304
- Shaft and rotor: stainless steel AISI 304
- Impeller: stainless steel AISI 304
- Venturi tube: stainless steel AISI 304
- Mechanical seal: Ceramics/Sic/NBR
- Motor: oil/water cooling
- Rotational speed of the electric motor: 2850RMP



## PARAMETERS

Name	Head (m)	Flow (l/min)	Motor power (kW)	Motor diameter (inch)	Voltage (V)	Amperage (A)	Inlet/outlet (inch)	Dimensions Dia/H (mm)	Weight (kg)
6 ISP 17/7	80	500	4	4	400	10,2	2½	145/1220	29
6 ISP 17/11	120	500	5,5	4	400	14	2½	145/1480	37
6 ISP 17/14	155	500	7,5	4	400	17,5	2½	145/1770	47
6 ISP 30/7	85	833	7,5	4/6	400	17,5	3	145/1500	56
6 ISP 30/9	110	833	9,2	6	400	21,5	3	145/1720	66
6 ISP 30/13	155	833	13	6	400	27,5	3	145/1920	70
6 ISP 46/2	25	1250	3	4	400	8,2	3	145/960	22
6 ISP 46/7	95	1250	11	6	400	24,5	3	145/1950	65
6 ISP 46/10	135	1250	15	6	400	31,5	3	145/2380	83
6 ISP 60/7	95	1420	15	6	400	31,5	3	145/2040	75
6 ISP 60/10	140	1420	18,5	6	400	37,9	3	145/2328	88
6 ISP 60/12	168	1420	22	6	400	47,1	3	145/2632	99
6 ISP 60/15	210	1420	26	6	400	58,3	3	145/3031	119

Depending on the production batch, the device parameters may differ from the data provided in the table