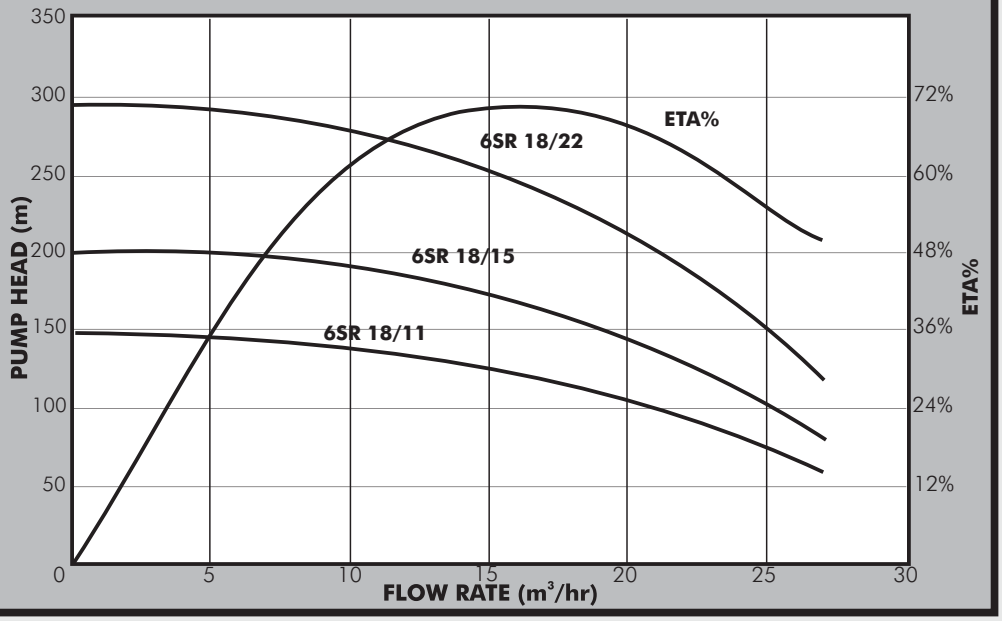
6SR18

Submersible Borehole Pumps



PUMP

Pedrollo 6SR18 submersible pumps are specifically designed for supply from boreholes, though can also be used in other submersible applications in either vertical or horizontal configuration. They feature a hydraulic design that incorporates floating impellers which together with especially resistant component materials provide high resistance to sand content in the pumped water.

The pump impellers and diffusers are made from technopolymer while the stage casings, top housing, suction connector, pump sleeve and shaft are made of AISI 304 stainless steel. The pump is supplied with a 4m tail cable.

MOTOR

Pumps are coupled to a two pole sealed motor constructed principally from stainless steel. Motors require a remote direct in-line starter and if irregular electrical supply is prevalent an additional quick tripping multi function protection relay is recommended.

Enclosure Class : IP68 ***Insulation Class***: F ***Speed:*** 2900rpm ***Voltage:*** 3x415V

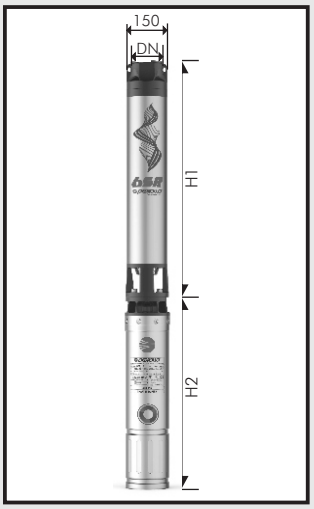
OPERATING CONDITIONS

Pumped Liquid: Thin, clean, chemically non aggressive liquids with a maximum sand content of 100gm/m^3.

Max. Liquid Temperature: +35^{0}C
Max. Immersion Depth: 200m
Min. Borehole Diameter: 200mm

PUMP DATA

Model	Motor		Current (A)	DN (”)	Dimensions(mm)		Weight (Kg)
	kW	HP			H1	H2	
6SR18/11	9.2	12.5	21	3	849	731	67
6SR18/15	15	20	32		1068	894	85
6SR18/22	18.5	25	41		1371	959	100



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