



PUMP

Pedrollo 4SR4 submersible pumps are specifically designed for water 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 engineering plastic 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 1.5m tail cable.

MOTOR

Pumps are coupled to Pedrollo two pole sealed oil filled motor constructed principally from AISI 316 stainless steel. A QEM Control box is available for single phase pumps which incorporates a fused rotary switch, run indicator light, DOL starter and capacitor which can be connected directly to the mains power supply. Three phase motors require a remote starter and if irregular electrical supply is prevalent an additional quick tripping voltage sensing relay is recommended.

Enclosure Class : IP68

Insulation Class : F

Speed: 2900rpm

OPERATING CONDITIONS

Pumped Liquid: Thin, clean, chemically non aggressive liquids with a maximum sand content of 150gm/m³.

Max. Liquid Temperature: +30°C.

Min. Borehole Diameter: 110mm

Max. Immersion Depth: 200m

PUMP DATA

Model	Motor		Current (A)		DN (")	Dimensions (mm)		Weight (kg)
	kW	HP	1x240V	3x415V		H1	H2	
4SR4/6	0.55	0.75	5		1 1/4	313	331	11
4SR4/8	0.75	1	6			363	356	13
4SR4/12	1.1	1.5	8			462	396	16
4SR4/15	1.5	2	11	5		563	437	19
4SR4/22	2.2	3	15	6		737	492	23
4SR4/30	3	4		7		963	450	24
4SR4/40	4	5.5		9		1284	505	32
4SR4/54	5.5	7.5		12		1684	590	39

