



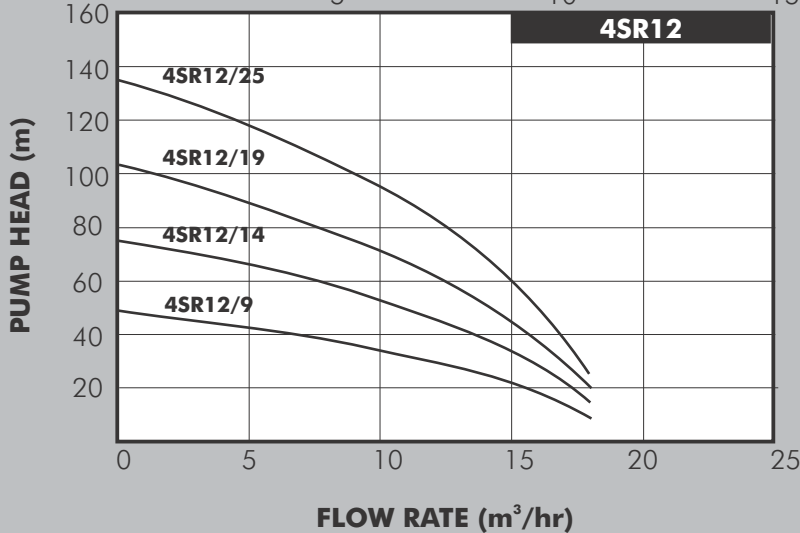
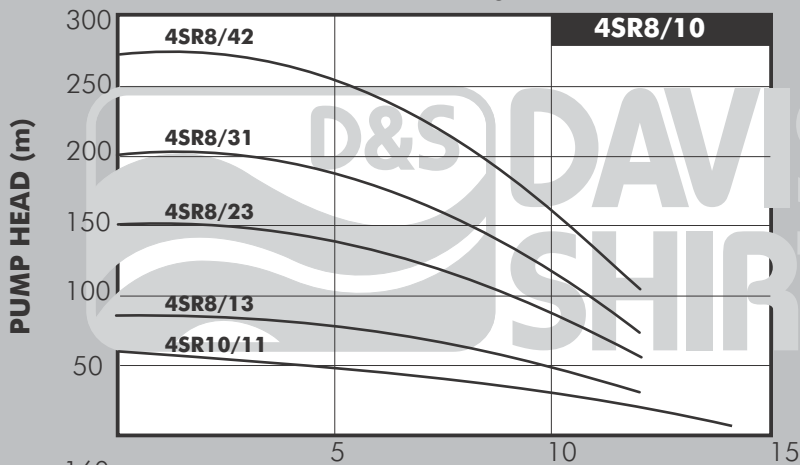
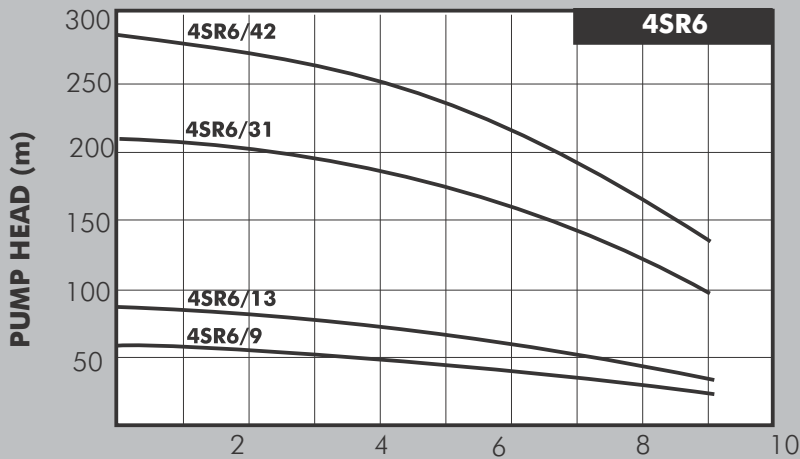
PEDROLLO

MADE IN ITALY

DATA SHEET

Submersible
Borehole Pumps

4SR6/8/12



FLOW RATE (m³/hr)

PUMP

Pedrollo 4SR submersible pumps are specifically designed for domestic and small scale 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 a two pole sealed motor constructed principally from stainless steel. A separate control box is also included for single phase pumps which incorporates a fused rotary switch, run indicator light, thermal overload with manual reset and capacitor which can be connected directly to the mains power supply. 3 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

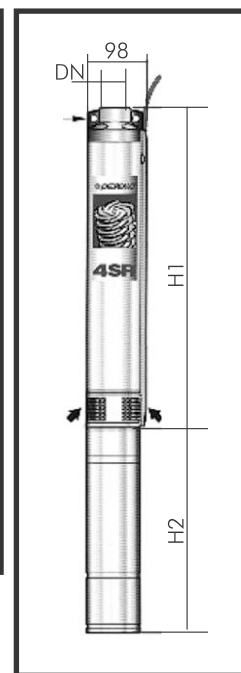
Pumped Liquid: Thin, clean, chemically non aggressive liquids with a maximum sand content of 150gm/m³.

Max. Liquid Temperature: +30°C.

Min. Borehole Diameter: 110 mm

PUMP DATA

Model	Motor		Current (A)		DN (")	Dimensions(mm)		Weight (kg)
	kW	HP	1x240V	3x415V		H1	H2	
4SR6/9	1.1	1.5	8.6	3.0	2	431	434	17
4SR6/13	1.5	2	10.8	4.3		576	467	20
4SR6/31	4.0	5.5		12.8		1166	583	12
4SR6/42	5.5	7.5		15.6		1520	697	15
4SR8/13	2.2	3.0		6.0		576	467	19
4SR8/23	4.0	5.5		10.0		901	660	25
4SR8/31	5.5	7.5		14.0		1165	745	37
4SR8/42	7.5	10.0		17.4		1519	850	44
4SR10/11	1.5	2		10.8		981	386	19
4SR12/9	1.5	2	10.7	4.8		835	396	18
4SR12/14	2.2	3	15.2	6.1		1200	437	22
4SR12/19	3	4		7.1		1562	450	27
4SR12/25	4	5.5		9.2		2003	505	33



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