

PUMP

DAYLIFF DS submersible pumps are designed specifically for borehole supply applications. They are of multistage centrifugal impeller design and all parts are made from AISI304 stainless steel with water lubricated rubber bearings. A submersible motor is fitted beneath the pump and suction is effected through a strainer between the pump and motor.

MOTOR

The pump is coupled to a sealed liquid cooled 2-pole asynchronous squirrel cage motor constructed from stainless steel. The motor requires a remote starter and if unstable supply voltage is likely, an additional quick tripping control relay is recommended. Note that due to low starting torques of submersible motors, it is recommended that DOL starters are used.

Enclosure Class: IP68 **Insulation Class:** F **Voltage:** 3x415 **Speed:** 2900 rpm

OPERATING CONDITIONS

Pumped Liquid: Thin, clean, chemically non-aggressive liquids without solid.

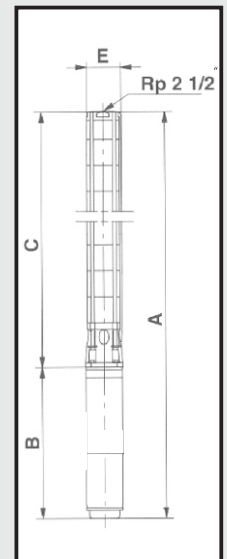
Max Liquid Temperature: +40°C

Max Water Depth: 300m

Minimum Borehole Diameter: 150mm

PUMP DATA

Model	Motor		Full Load Current (A)	I _{start} I	Dimensions (mm)				Weight (kg)
	kW	HP			A	B	C	E*	
DS 17-7	4	5.5	10.2	5.4	1320	614	706	131	37
DS 17-10	5.5	7.5	13.1	5.3	1571	684	887	131	45
DS 17-13	7.5	10	16.9	5.0	1833	764	1069	142	53
DS 17-17	9.2	12.5	22.8	4.2	1996	685	1311	142	77
DS 17-20	11	15	26	4.8	2222	730	1492	142	86
DS 17-24	13	17.5	28.9	4.8	2538	804	1734	142	102
DS 17-27	15	20	34.2	5.0	2701	785	1916	142	102
DS 17-34	18.5	25	40	2.5	3196	857	2339	142	128
DS 17-40	22	30	47	3.0	3609	907	2702	142	142
DS 17-48	26	35	56	3.5	4652	1094	3558	178	235



*E=Maximum diameter of the pump with one motor cable