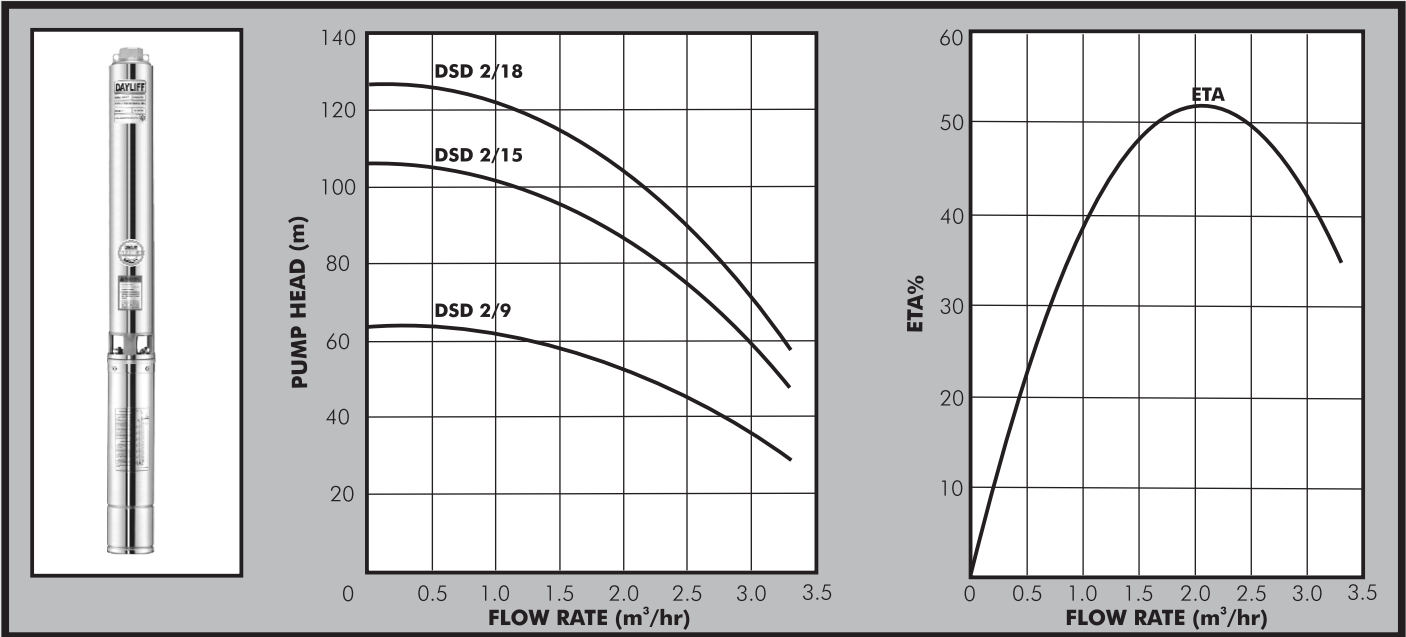




DSD2

Submersible Borehole Pump



PUMP
DAYLIFF DSD range of submersible multistage centrifugal pumps are specially designed for water supply from wells and boreholes. Material of construction include polycarbonate impellers and diffusers, AISI 201 stainless steel delivery and suction chambers and AISI 304 stainless steel pump housing, shaft and shaft coupling. These corrosion resistant materials together with the advanced hydraulic design provide the pumps with excellent sand handling capabilities for a longer life and operational efficiency. DSD 2/9, 2/15 and 2/18 are supplied complete with 30m cable and control box.

MOTOR
The pump is coupled to a sealed liquid cooled 2-pole asynchronous squirrel-cage motor constructed of stainless steel. Single phase motors should be supplied with purpose designed Dayliff SCM control boxes for operation and protection against overload, dry running and over/under voltage. Three phase motors require a remote DOL starter; A DAYLIFF SCT electronic Pump Controller is recommended for comprehensive pump control including low level, motor overload and irregular power supply protection

Enclosure Class: IP68 **Insulation Class:** B **Speed:** 2850 rpm **Voltage:** 1x240V

PUMP KITS
Pump Kits are available for the indicated*models including pump, quick connection fittings, cast aluminium well head cover, Safety rope and Dayliff SCM/SCT Controller. DSD 2/9 Kit is supplied with 70m cable, DSD 2/15 Kit with 90m and DSD 2/18 with 120m cable

- OPERATING CONDITIONS**
Pumped liquid: Thin, clean, chemically non-aggressive liquids
Max. Water temperature: +35°C
Max. immersion depth: 150m
Min. borehole diameter: 110mm
Max Particle Size: 2.4mm

PUMP DATA

Model	Motor		Current (A)	Istat I	DN (")	Dimensions		Weight (kg)
	kW	HP				A	D	
DSD2/9*	0.37	0.5	4	4	1 ¼	444	748	10
DSD2/15*	0.75	1	5			591	940	12
DSD2/18*	0.92	1.25	6			695	1064	15

