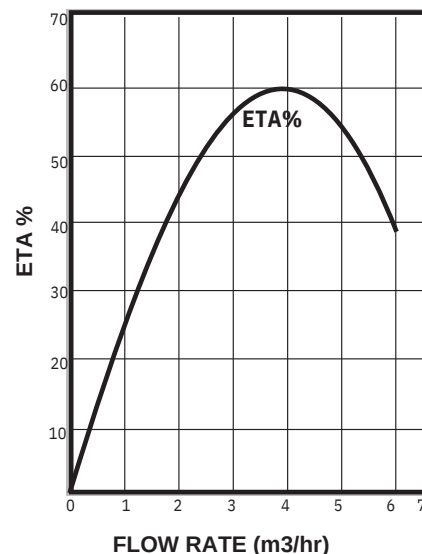
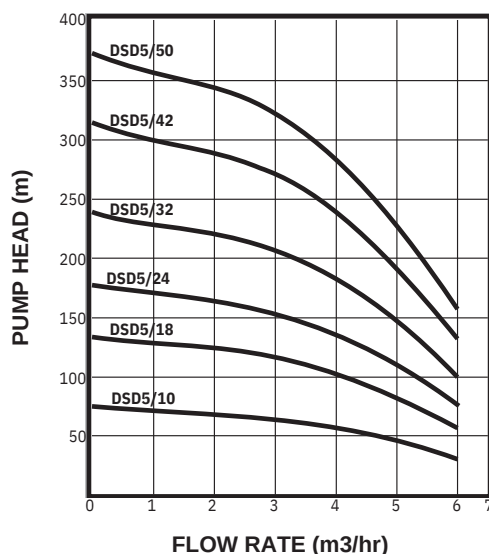


DSD5 Submersible Borehole Pump

Performance Curves



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 5/10 and 5/18 are provided 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:** 2850rpm

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.

DSD5/18 Kit is supplied with 80m cable and DSD5/24 with 100m for both single and three phase pumps.

OPERATING CONDITIONS

Pumped liquid: Thin, clean, chemically non-aggressive liquids with a maximum particle size of 2.3mm

Max. Water temperature: +35°C

Max. immersion depth: 150m

Min. borehole diameter: 110mm

Technical Data

Model	Motor		Current (A)	I _{start} I	Voltage (V)	Weight (kg)	Dimensions (mm)	
	kW	HP					A	D
DSD 5/10	0.75	1.0	6	4	1x240	13	507	856
DSD 5/18*	1.5	2.0	11			19	763	1202
DSD 5/24	2.2	3.0	16			24	932	1446
			6			22	932	1406
DSD 5/32	3.0	4.0	8	7	3x415	29	1246	1800
DSD 5/42	4.0	5.5	11			35	1576	2205
DSD 5/50	5.5	7.5	14			42	1862	2535

