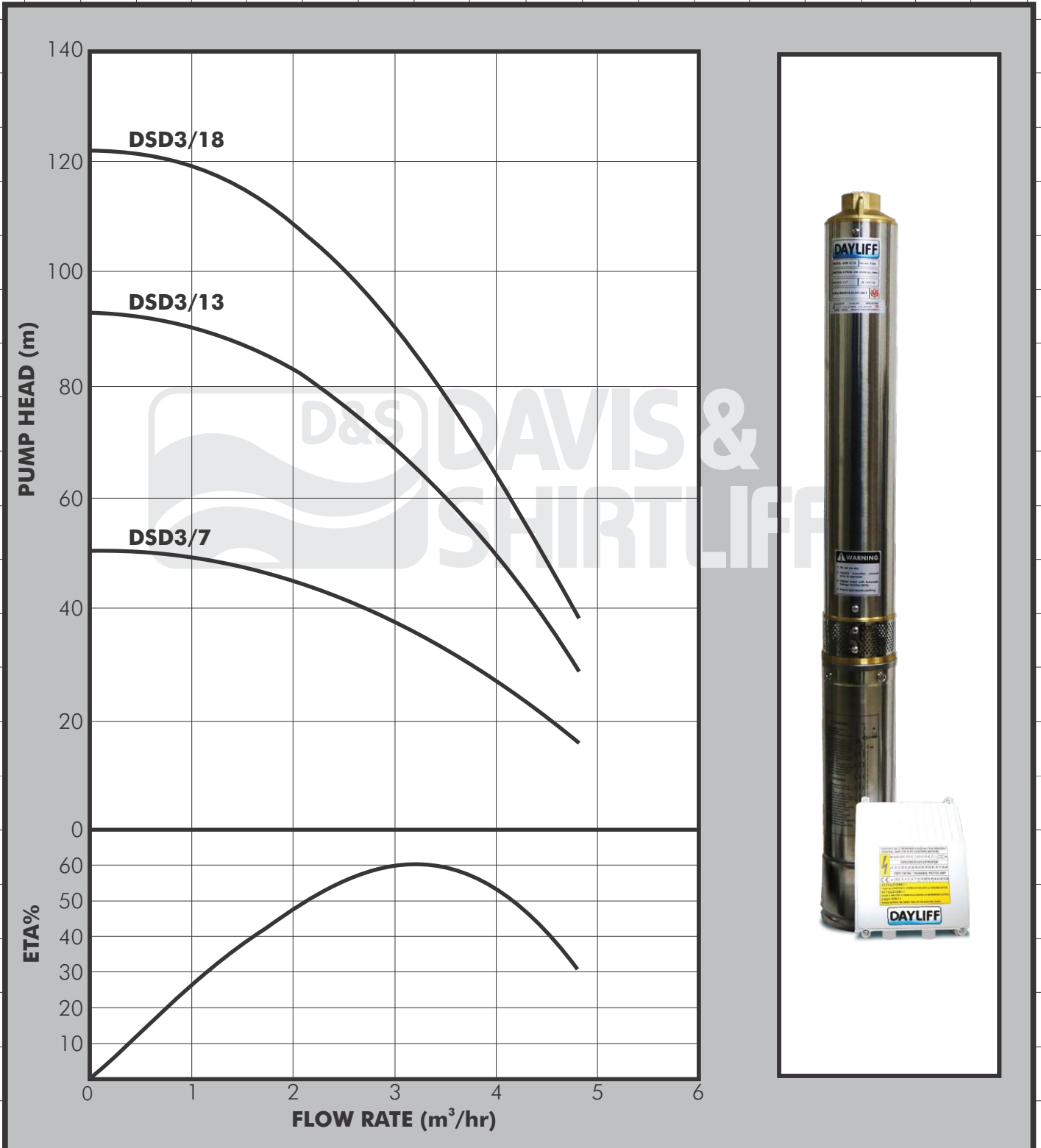




DATA SHEET

Submersible
Borehole Pump

DSD



PUMP

Dayliff DSD range of Submersible Multistage centrifugal pumps are specially designed for domestic and small scale water supply from wells and boreholes. Material of construction include plastic impellers and diffusers, cast iron delivery and suction chambers and AISI 304 stainless steel pump housing, shaft and shaft coupling. These quality materials together with the plastic impellers provide the pumps with excellent sand handling capabilities for a longer life. The pumps are also supplied complete with 30m cable.

MOTOR

The pump is coupled to a sealed liquid cooled 2-pole asynchronous squirrel-cage motor constructed of stainless steel. Motors are supplied complete with purpose designed control boxes that include the capacitor and electrical overload protection.

A DAYLIFF electronic Pump Controller is recommended for comprehensive pump control including wireless low level, motor overload and irregular power supply protection.

Enclosure Class: IP68

Voltage: 1x240V

Insulation Class: B

Speed: 2850rpm

OPERATING CONDITIONS

Pumped liquid: Thin, clean, chemically non-aggressive liquids with a max. sand content of 0.25%

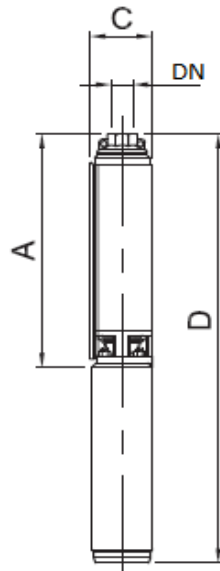
Max. Water temperature: +35°

Max. immersion depth: 80m

Min. borehole diameter: 110m

PUMP DATA

Model	Power		Current (A)	I _{stat} I	DN (")	Dimensions (mm)			Weight (kg)
	kW	HP				A	C	D	
DSD 3/7	0.37	0.5	3.7	6.0	1 1/4	409	100	723	7
DSD 3/13	0.75	1	6.2	6.2		571	100	930	9
DSD 3/18	1.1	1.5	8.0	6.8		678	100	1077	11



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DY371A-08/17

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