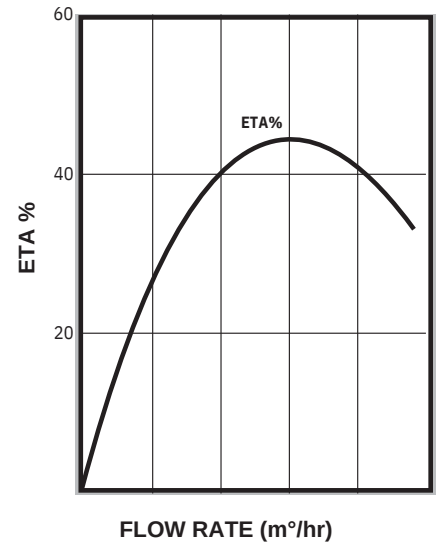
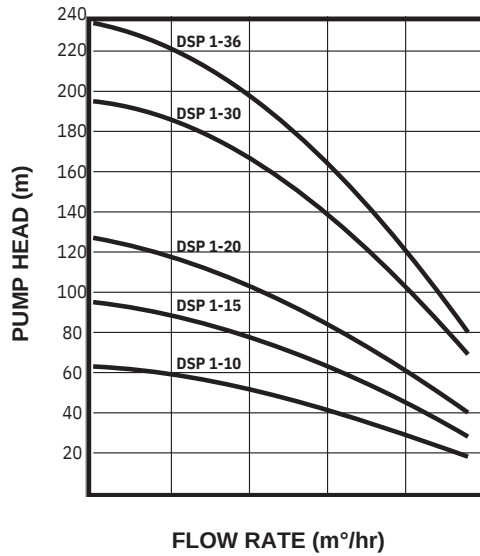


DSP1 Submersible Borehole Pump

Performance Curves



Typical Applications

PUMP

The DAYLIFF DSP range of submersible multistage centrifugal pumps are specially designed for domestic and small scale water supply from wells and boreholes. Material of construction include Noryl impellers, glass filled polycarbonate diffusers, stainless steel inlet and outlet chambers, stage casings, shaft and pump housing. These quality materials together with the floating type impeller design provide the pumps with efficient performance excellent sand handling capabilities and long life.

MOTOR

The pump is coupled to a two pole sealed motor constructed principally from stainless steel. A separate control box is also available which incorporates an isolator, run indicator light, thermal overload protection and starting capacitor which can be connected directly to mains power. The box is also provided with auxiliary terminals for control probes, pressure switch or float switch. A separate SCM control box is also available on request for automatic operation and protection against overload, dry running and over/under voltage.

Enclosure Class: IP68

Voltage: 1x240V

Insulation Class: F **Speed:** 2900rpm

OPERATING CONDITIONS

Pumped liquid: Thin, clean, chemically non aggressive liquids with a maximum sand content 50g/m³. **Max.**

Water temperature: +35°C

Max. immersion depth: 200m

Min. borehole diameter: 110mm

Technical Data

Model	Motor		Current (A)	I _{start}	Weight (kg)	C	Dimensions (mm)	
	kW	HP					A	D
DSP 1-10	0.37	0.5	3.3	3.2	11	98	330	676
DSP 1-15	0.55	0.75	4.3	2.8	12	98	420	785
DSP 1-20	0.75	1.0	4.3	4.7	14	98	510	890
DSP 1-30	1.1	1.5	8.1	4.0	17	98	730	1135
DSP 1-36	1.5	2.0	10.4	3.7	20	98	830	1270

