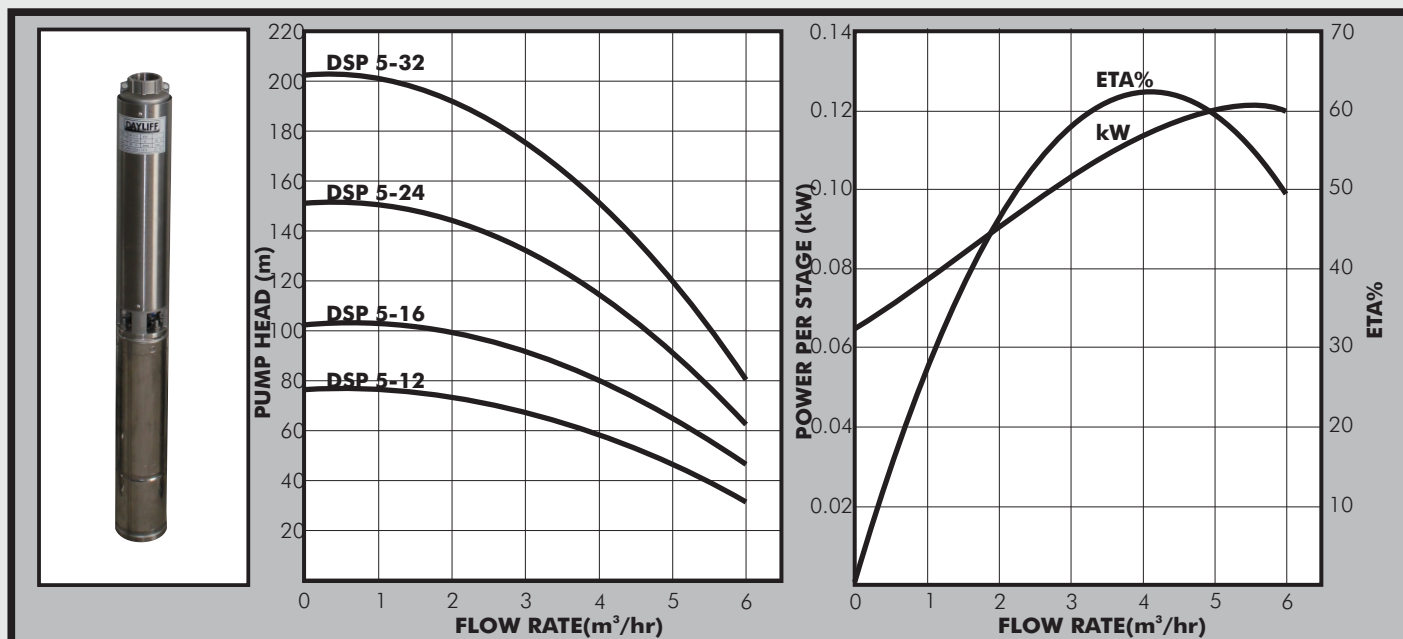




# DSP 5

## Submersible Borehole Pump



### PUMP

The DAYLIFF DSP range of submersible multistage centrifugal pumps are specially designed for borehole supply applications. 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. Single phase motors are supplied with a separate control unit that incorporates an isolator, run indicator light, thermal overload protection and starting capacitor which can be connected directly to the mains power. The box is also provided with auxiliary terminals for control probes, pressure switch or float switch. Three phase motors require a remote DOL starter; DAYLIFF SCM/SCT electronic pump controllers are recommended for comprehensive pump control including wireless low level protection, motor overload and voltage fluctuation.

**Enclosure Class:** IP68

**Insulation Class:** F

**Speed:** 2900rpm

### OPERATING CONDITIONS

**Pumped liquid:** Thin, clean, chemically non aggressive liquids with a max. sand content of 50g/m<sup>3</sup>.

**Max. Water temperature:** +35°C

**Max. immersion depth:** 200m

**Min. borehole diameter:** 110mm

### PUMP DATA

Model	Voltage (V)	Motor		Current (A)	<u>Istat</u>	DN (")	Dimensions (mm)			Weight (kg)
		kW	HP		I		A	C	D	
DSP 5-12	1x240	1.1	1.5	8.1	4.0	1¼	433	98	838	24
	3x415			3.1	3.9				813	22
DSP 5-16	1x240	1.5	2	10.4	3.7		542		982	28
	3x415			4	3.5				947	25
DSP 5-24	1x240	2.2	3	15	3.1		777		1272	35
	3x415			5.6	3.9				1217	30
DSP 5-32	3x415	3	4	7.4	5.8		1003		1481	39

