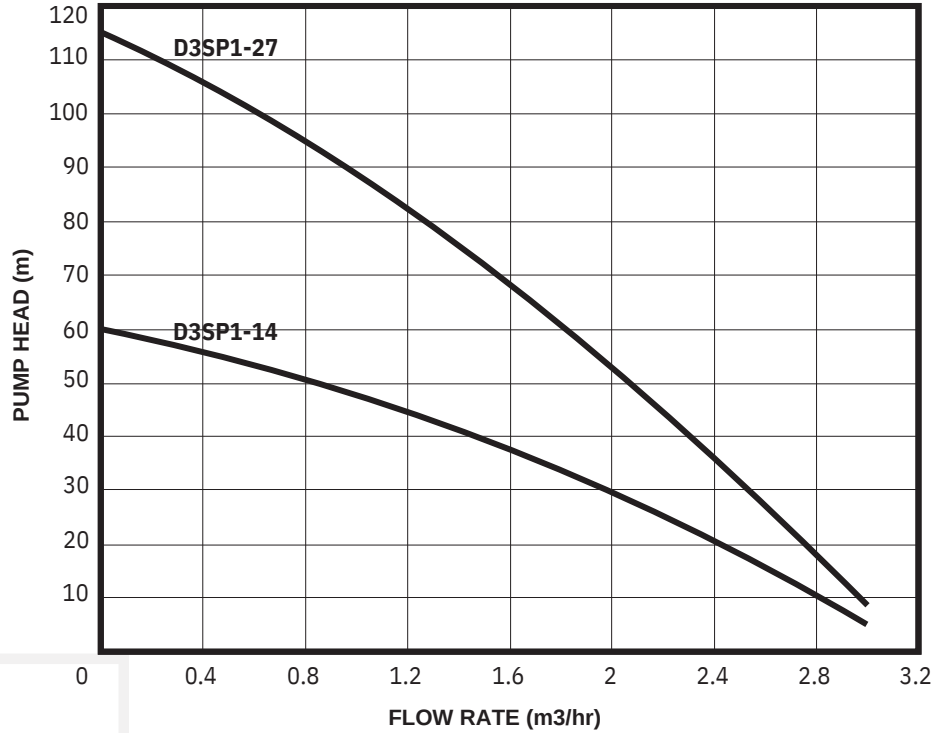


## D3SP1 Submersible Borehole Pump

### Performance Curves



### Typical Applications

DAYLIFF D3SP pumps are compact 3" diameter submersible multistage centrifugal pumps specifically designed for small scale water supplies from boreholes and wells. Material of construction is polycarbonate impellers and diffusers, brass inlet and outlet chambers and stainless steel pump sleeve. All pumps are provided with 20m cable and a control unit.

#### MOTOR

The pump is coupled to a two pole sealed motor with copper windings and constructed principally from stainless steel. A separate control unit is included which incorporates an isolator, run indicator light, thermal overload protection and start capacitor which can be connected directly to mains power. Additional protection by a Dayliff AVS or similar power protection controller is recommended.

**Enclosure Class:** IP68

**Insulation Class:** B

**Voltage:** 1X240V

**Speed:** 2900rpm

#### OPERATING PARAMETERS

**Pumped Liquid:** Thin, clean, chemically non-aggressive liquids

**Max. Liquid Temperature:** 400C

**Max. Ambient Temperature:** 500C

**Max. Immersion Depth:** 35m

**Min. Borehole Dia:** 100mm

### Technical Data

Model	Motor		Max Current (A)	Outlet DN (")	Weight (kg)	Dimensions (mm)	
	kW	HP				D	H
D3SP1-14	0.37	0.55	3.3	1	12	435	191
D3SP1-27	0.75	1.0	6.3			515	209

