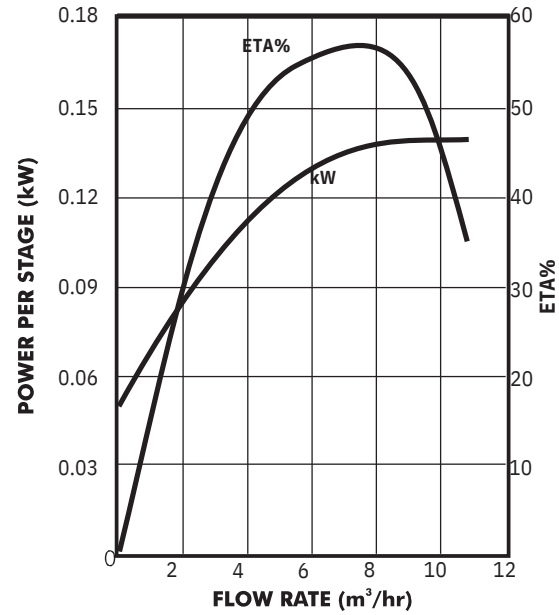
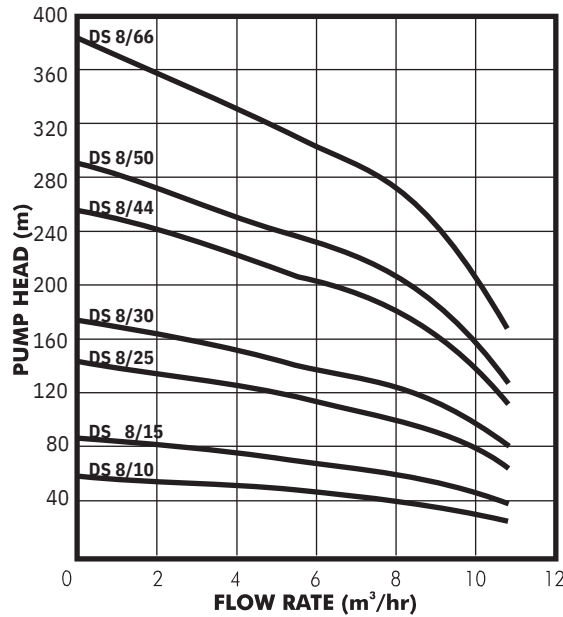
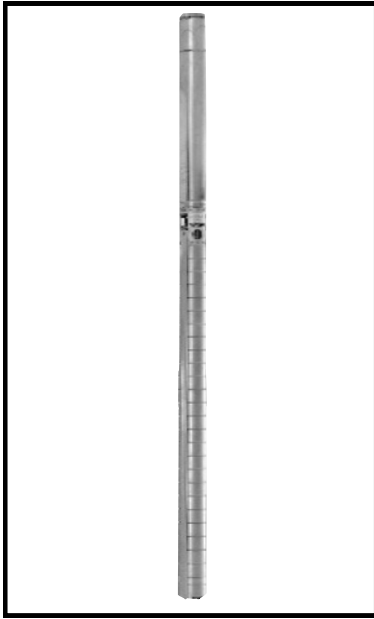


## DS 8 Multistage Centrifugal Borehole Pump



### Typical Applications

#### PUMP

DAYLIFF DS submersible pumps are designed for a wide range of uses with a particular application to borehole supply. They are of multistage centrifugal impeller design and all parts are made from premium AISI304 stainless steel with water lubricated rubber bearings. A submersible motor is fitted beneath the pump and suction is effected through a strainer between the pump and motor.

#### 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:** F

**Speed:** 2900 rpm

#### OPERATING CONDITION

**Pumped Liquid:** Thin, clean chemically non-aggressive liquids without solid particles or fibres.

**Max. Liquid Temperature:** DS wet end-50°C

**Max. Water Depth:** 300m-6", 200m-4"

**Min. Borehole Diameter:** 110mm-4", 150mm-6"

### Technical Data

Model	Motor Dia (")	Motor		Full Load Current (A)		Start Current (A)		Dimensions (mm)					Weight (kg)	
		kW	HP	1x240	3x415	1x240	3x415	A		B		C	1x240	3x415
								1x240	3x415	1x240	3x415			
DS 8/10	4	1.5	2	11	4.4	41	19	1015	970	393	348	622	20	27
DS 8/15	4	2.2	3	16	5.9	50	26	1245	1225	413	393	832	23	34
DS 8/25	4	4	5.5	-	10	-	56	-	1866	-	614	1252	-	64
DS 8/30	4	5.5	7.5	-	14	-	70	-	2160	-	698	1462	-	68
DS 8/44	4	7.5	10	-	17.4	-	84	-	2848	-	778	2070	-	84
DS 8/50	4	7.5	10	-	17.4	-	84	-	3067	-	764	2303	-	88
DS 8/66	6	11	15	-	26	-	125	-	4130	-	730	3400	-	120

