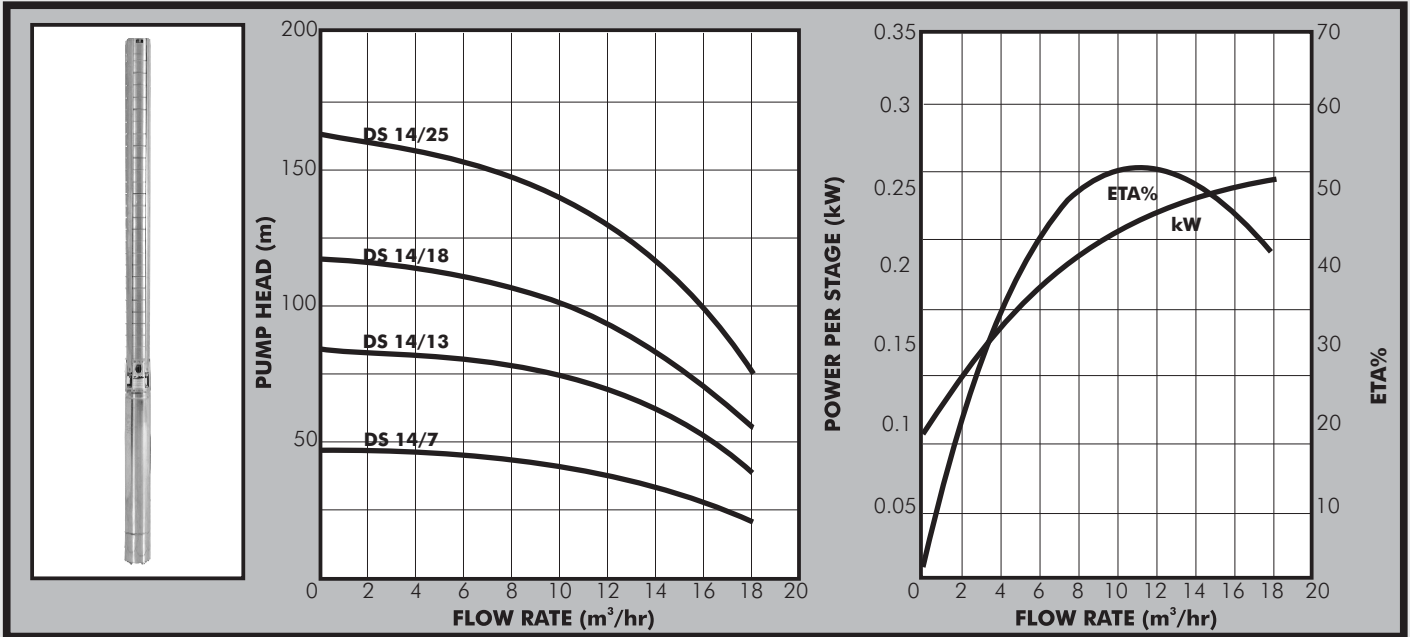




DS 14

Multistage Centrifugal Borehole Pumps



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: 200m

Min. Borehole Diameter: 104mm

PUMP DATA

Model	Motor		Full Load Current (A)		Start Current (A)		Dimensions (mm)				Weight (kg)	
							A		B			C
	kW	HP	1X240V	3X415V	1X240V	3X415V	1X240V	3X415V				
DS 14/7	2.2	3	15	5.6	45	22	1193	1075	558	440	635	22
DS 14/13	4	5.5		9.5		49		1639		614	1025	33
DS 14/18	5.5	7.5		13.7		59.6		2034		684	1350	40
DS 14/25	7.5	10		18.9		96		2569		764	1805	48

