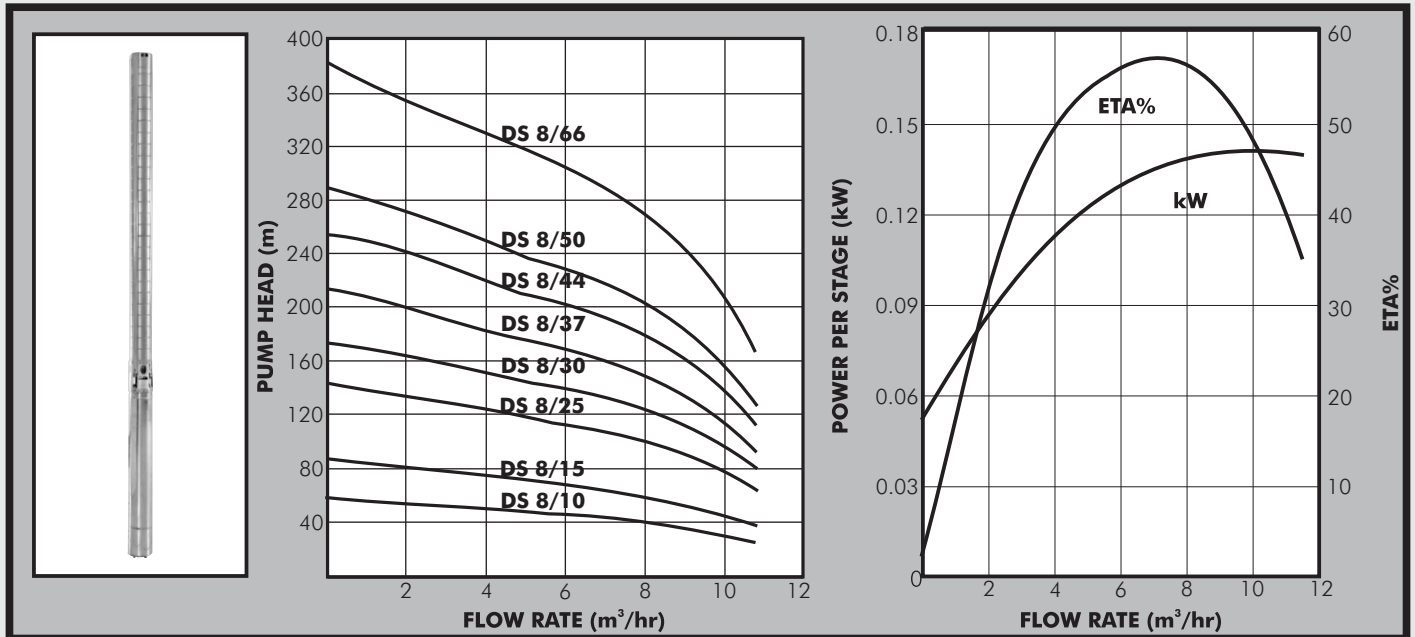




DS 8

Multistage Centrifugal Borehole Pumps



PUMP

DAYLIFF DS 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 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 motor 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"

PUMP DATA

Model	Motor Dia	Motor		Full Load Current (A)		Start Current (A)		Dimensions (mm)						Weight (kg)	
								A		B		C			
		kW	HP	1X240V	3X415V	1X240V	3X415V	1X240V	3X415V	1X240V	3X415V				
DS 8/10	4"	1.5	2.0	10.4	4.0	38	20	1015	970	393	348	622	20	17	
DS 8/15	4"	2.2	3.0	15	5.6	46	22	1245	1225	413	393	832	23	22	
DS 8/25	4"	4.0	5.5		9.5		49	1859			607	1252		35	
DS 8/30	4"	5.5	7.5		13.7		71	2145			683	1462		40	
DS 8/37	4"	5.5	7.5		13.7		71	2436			683	1753		44	
DS 8/44	4"	7.5	10		18.9		96	2830			783	2047		52	
DS 8/50	4"	7.5	10		18.9		96	3082			783	2299		55	
DS 8/66	6"	11	15		24.2		60.7	4068			727	3341		126	

