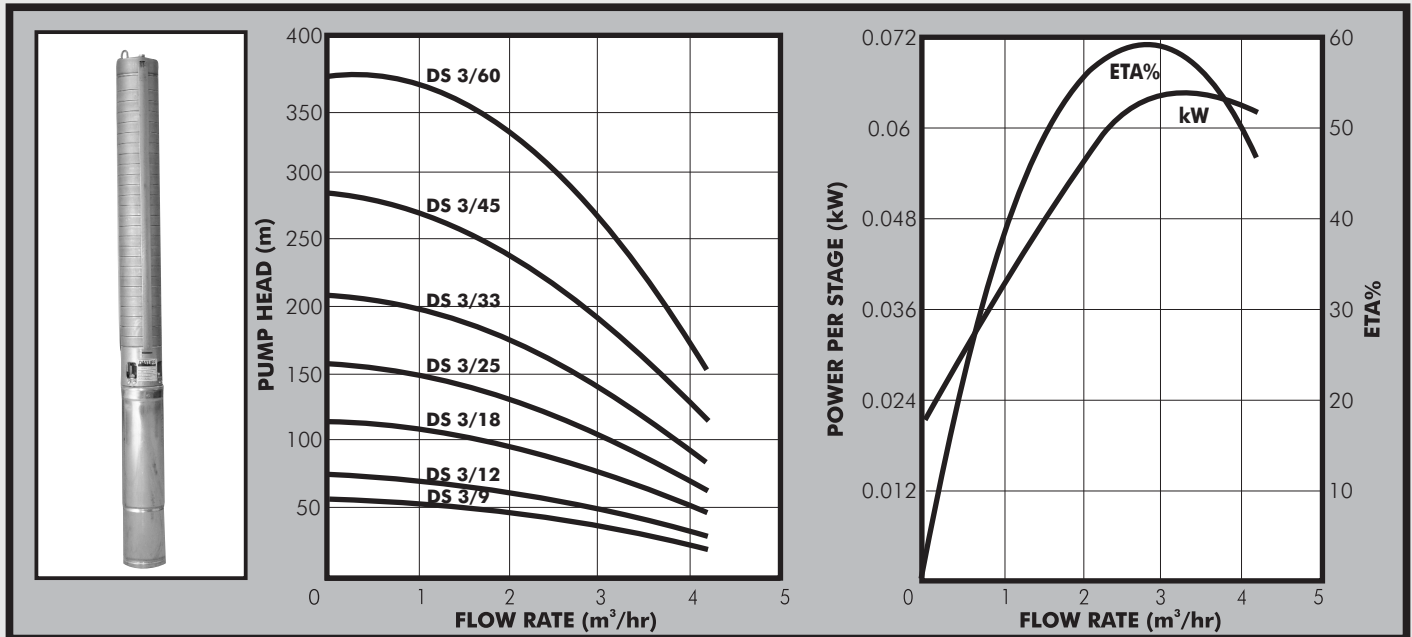




**DS 3**

**Multistage Centrifugal Borehole Pumps**



**PUMP**

DAYLIFF DS submersible pumps are designed specifically for borehole supply applications. 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 CONDITIONS**

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

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

**Max Water Depth:** 200m

**Minimum Borehole Diameter:** 110mm

**PUMP DATA**

Model	Motor		Full Load Current (A)		Start Current (A)		Dimensions (mm)				Weight (kg)		
	kW	HP	1x240V	3x415V	1x240V	3x415V	C	B		A		1x240V	3x415V
DS 3/9	0.55	0.75	4.3		15		356	365		721		11	
DS 3/12	0.75	1	6.3		20		419	375		794		13	
DS 3/18	1.1	1.5	8.5	3.6	25	16	545	395	375	940	920	15	14
DS 3/25	1.5	2	10.8	4.6	35	20	692	440	395	1132	1087	18	16
DS 3/33	2.2	3	14	6.3	45	33	883	558	440	1441	1323	24	22
DS 3/45	3	4		7.9		45	1135		558		1693		28
DS 3/60	4	5.5		10.2		55	1460		573		2033		37

