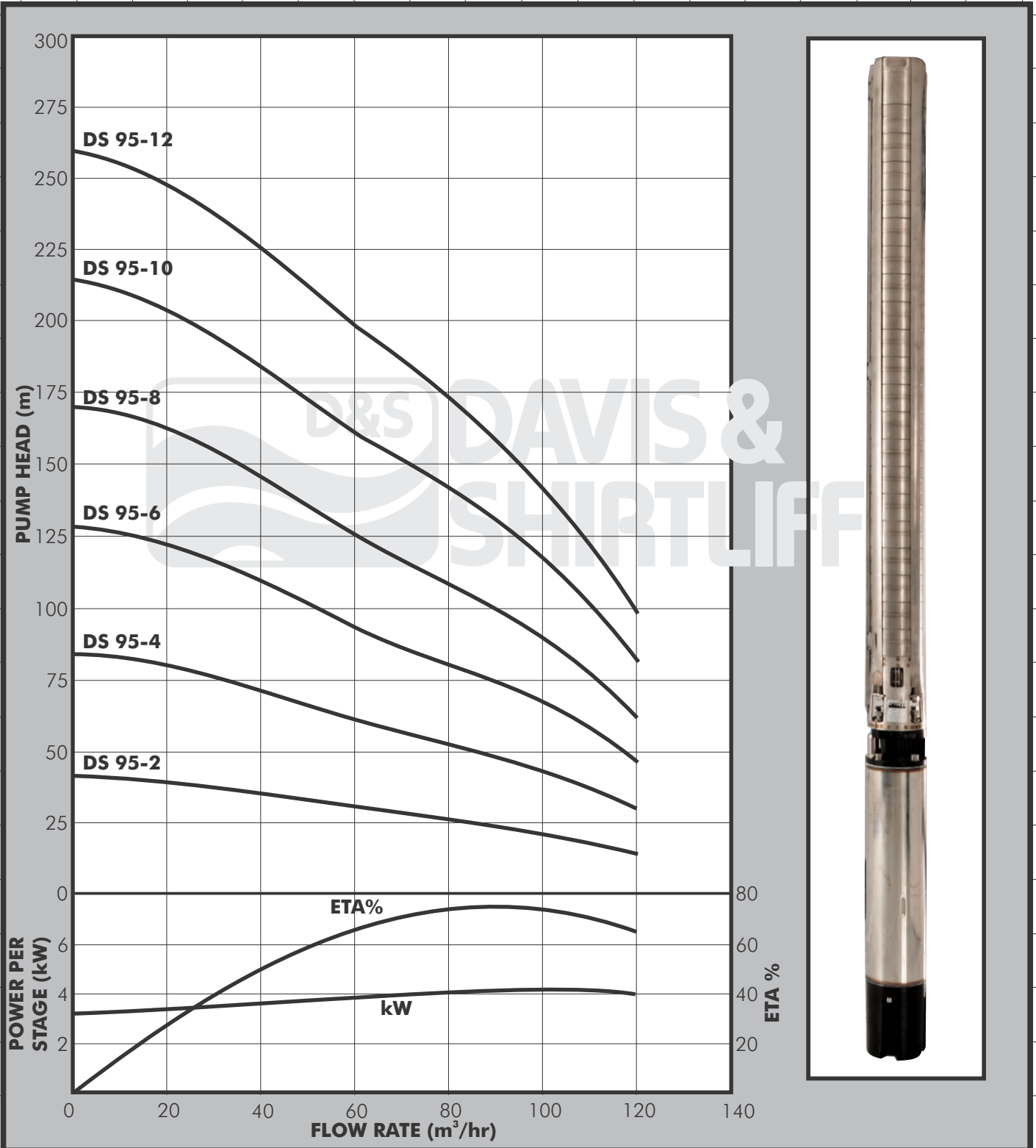




# DATA SHEET

Multistage Centrifugal  
Borehole Pumps

# DS 95



## 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 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 squirrelcage motor constructed from stainless steel. The motor requires a remote starter and if unstable supply voltage is likely, an additional quick tripping control relay is recommended. Note that due to low starting torques of submersible motors, it is recommended that DOL starters are used.

**Enclosure Class :** IP68      **Insulation Class:** F      **Voltage:** 3x415V      **Speed:** 2900rpm

## OPERATING CONDITIONS

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

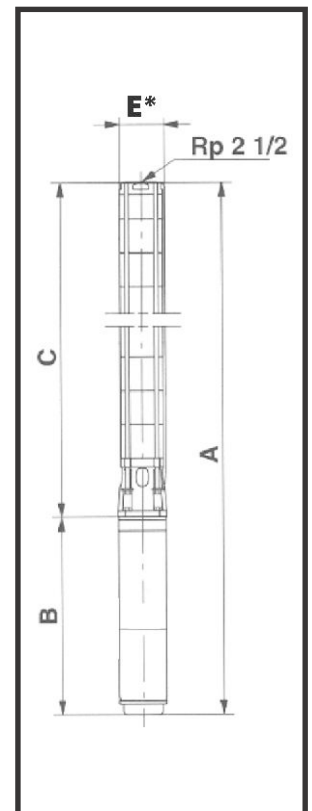
**Max. Liquid Temperature:** +30°C

**Max. Water Depth:** 600m

**Min. Borehole Diameter:** 200mm - 6" motor  
254mm - 8" motor

## ELECTRICAL DATA

Model	Motor Size (")	Motor		Full Load Current (A)	I start I
		kW	HP		
DS 95-2	6	9.2	13	21.8	4.6
DS 95-4		18.5	25	42	5.5
DS 95-6		26	35	57	4.9
DS 95-8	8	37	50	78.5	5.7
DS 95-10		45	60	96.5	6.0
DS 95-12		55	75	114	5.9



## DIMENSIONS AND WEIGHT

Model	Dimensions (mm)				Weight (Kg)
	A	B	C	E*	
DS 95-2	1631	867	746	178	84
DS 95-4	2060	1057	1003		177
DS 95-6	2416	1157	1259		206
DS 95-8	2827	1312	1515	200	234
DS 95-10	3053	1270	1783		258
DS 95-12	3389	1350	2039		

E\* = Maximum diameter of the pump inclusive of cable guard and motor

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