

SS300/70



SLURRY



SAND & SLURRY

FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
300 m ³ /hr 1320 usgpm	70 mtrs 230'	2200 rpm	64%

AT A GLANCE		
Suction Size	100 mm	4"
Discharge Size	75 mm	3"
Solids Handling	28 mm (min)	1.10" (min)
Max Flow	350 m ³ /hr	1540 usgpm
Max Head	84 mtrs	276'
Max Speed	2200 rpm	

DIESEL ENGINE SPECIFICATION		CHOOSE DIESEL
Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	27 ltrs/hr	7.15 usgph
Rated Power @ BEP	87 kW	117 hp
Model	Deutz TCD3.6L4	
Emissions	EU Stage V	
Max Power	105 kW	141 hp

ELECTRIC MOTOR SPECIFICATION		CHOOSE ELECTRIC
Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	110 kW	148 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	315	

FEATURES & BENEFITS	
Indefinite Dry-Run capabilities	
Auto Start/Stop	
UK Manufactured	
Cycloseal – advanced mechanical seal that extends seal life, reduces seal failures and maximises uptime	

7.25 HOURS

To empty an Olympic Swimming Pool (2,500,000 litres) at Max Flow (350 m³/hr)



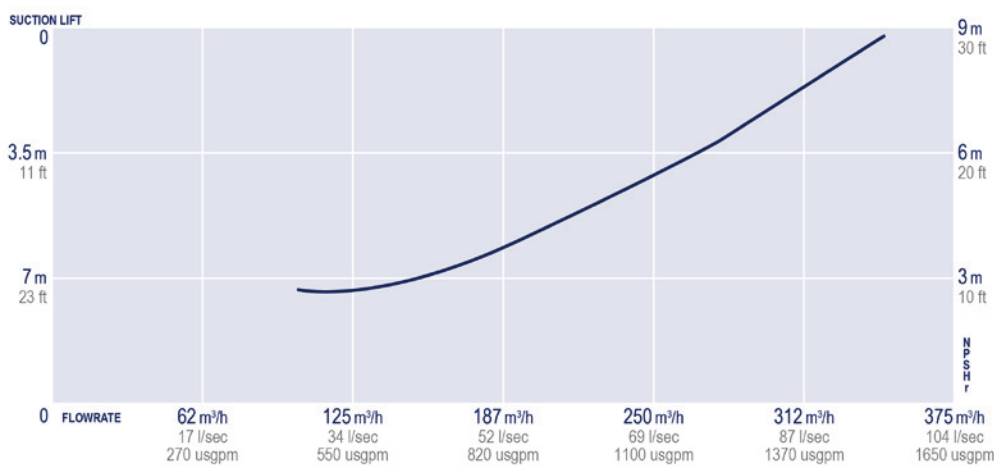
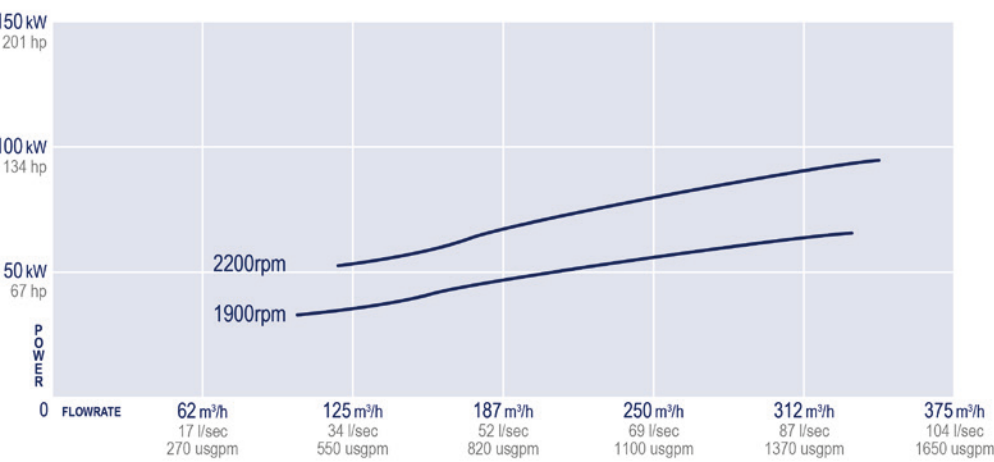
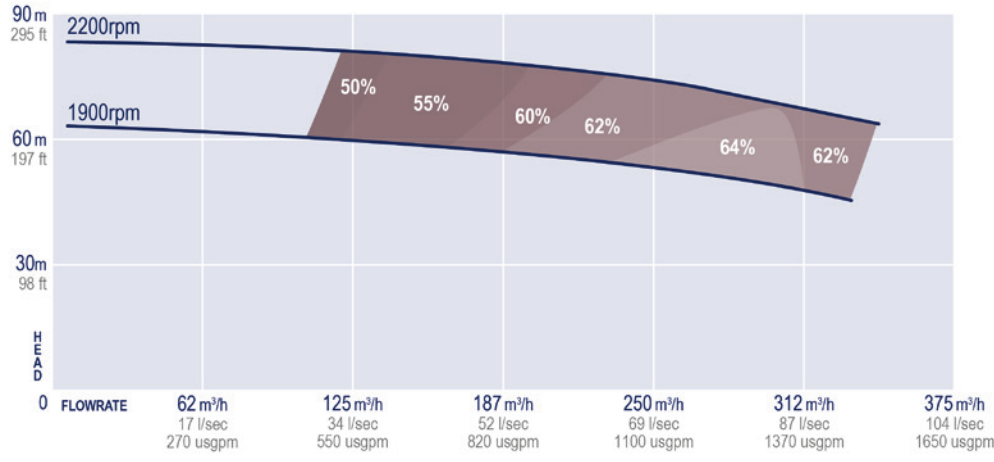
NET WEIGHT 2350 kgs 5180 lbs	L x W x H 2.85 x 1.20 x 2.00 mtr 112 x 47 x 78"
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PUMP SPECIFICATION	
Model	CRP80SM305
Priming System	<p>Type: Cornell liquid tolerant diaphragm vacuum pump</p> <p>Air Removal Capability: 50 cfm</p> <p>Priming Chamber: Cornell optimised priming chamber design and valve linkage for maximum reliability and zero carryover</p> <p>Discharge Check Valve: Patented Cornell Non return valve with optional 90 degree discharge and heavy duty flapper</p> <p>Run Dry: Indefinite capability</p>
Impeller	<p>Type: Five Vane, Enclosed Chrome Iron Slurry Impeller design, providing long life & optimal efficiency</p> <p>Size: 305 mm (12.01")</p>
Volute	Heavy duty High Chrome Iron with 125# flanges
Mechanical Seal	Tungsten Carbide v Silicon Carbide
Bearing & Shaft	Heavy-duty bearing housing with dual angular contact bearings on drive end and heavy duty shaft



ALL DATA IS FOR GUIDANCE PURPOSES ONLY

PERFORMANCE CHART (FOR GUIDANCE ONLY)



MARKETS



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Anywhere, Anytime...
DXB specialise in designing bespoke solutions to your fluid handling challenges.



WORLD CLASS ECO-FRIENDLY PRODUCTS

Like you, we care about the environment, which is why our efficient pumpsets use stage 5 emission compliant engines as standard.



WARRANTY & AFTERCARE

Our aftermarket team are here to support your business for the life of the pumpset. All products come with market leading warranty period for the absolute peace of mind.



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Downtime isn't an option. All our pumpsets can be remotely monitored for ultimate asset control and performance.



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