

GI175/150



CLEAR LIQUIDS



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
180 m ³ /hr 790 usgpm	156 mtrs 512'	2200 rpm	62%

AT A GLANCE

Suction Size	150 mm	6"
Discharge Size	80 mm	3"
Solids Handling	19 mm (min)	0.75" (min)
Max Flow	270 m ³ /hr	1200 usgpm
Max Head	168 mtrs	512'
Max Speed	2200 rpm	

DIESEL ENGINE SPECIFICATION

CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	37 ltrs/hr	9.80 usgph
Rated Power @ BEP	121 kW	162 hp
Model	Deutz TCD6.1L4	
Emissions	EU Stage V	
Max Power	180 kW	241 hp

ELECTRIC MOTOR SPECIFICATION

CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	185 kW	248 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



9.10 HOURS

To empty an Olympic Swimming Pool
(2,500,000 litres) at Max Flow (270 m³/hr)




NET WEIGHT

3750 kgs
8270 lbs

L x W x H

3.70 x 1.40 x 2.00 mtr
146 x 55 x 80"

PUMP SPECIFICATION

Model	CRP80MX445	
Priming System	Type: Cornell liquid tolerant diaphragm vacuum pump 	
	Air Removal Capability: 50 cfm	
	Priming Chamber: Cornell optimised priming chamber design and valve linkage for maximum reliability and zero carryover	
Impeller	Discharge Check Valve: Patented Cornell Non return valve with optional 90 degree discharge and heavy duty flapper	
	Run Dry: Indefinite capability	
	Type: Four Vane, CA6NM Enclosed Clear Liquids Impeller design providing long life & optimal efficiency Size: 445 mm (17.51")	
Volute	Heavy duty Ductile 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	



Exceeds
NRMM
Standards

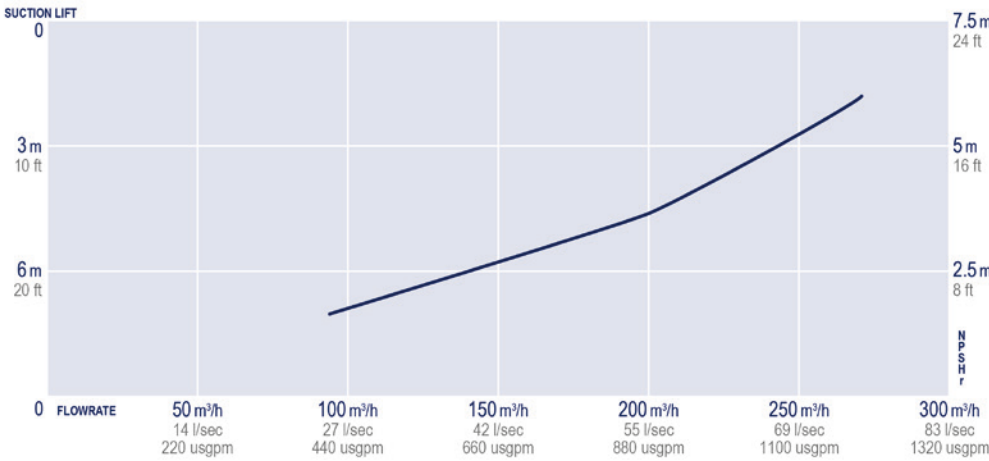
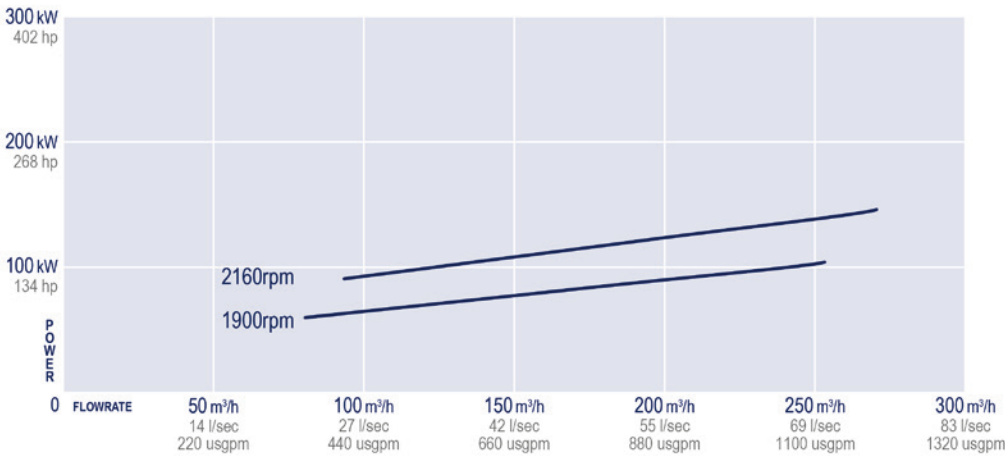
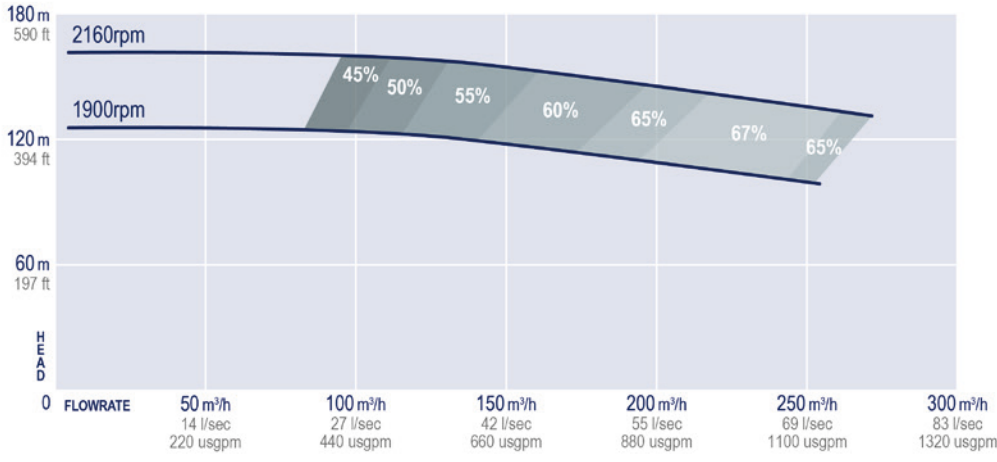


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MARKETS



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



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



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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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