



GENERAL INDUSTRY

AROUND YOUR WORLD®
AROUND YOUR CLOCK,
AROUND YOUR WORLD

GI110/40



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
110 m ³ /hr 480 usgpm	40 mtrs 131'	1600 rpm	79%

AT A GLANCE

Suction Size	125 mm	5"
Discharge Size	80 mm	3"
Solids Handling	13 mm (min)	0.50" (min)
Max Flow	150 m ³ /hr	660 usgpm
Max Head	45 mtrs	148'
Max Speed	1600 rpm	

DIESEL ENGINE SPECIFICATION

CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	5 ltrs/hr	1.30 usgph
Rated Power @ BEP	15 kW	20 hp
Model	Deutz D2.2	
Emissions	Stage V	
Max Power	18 kW	24 hp

ELECTRIC MOTOR SPECIFICATION

CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	18 kW	25 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	180 M	

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

17.00 HOURS

To empty an Olympic Swimming Pool
(2,500,000 litres) at Max Flow (150 m³/hr)



DXB1

NET WEIGHT

1380 kgs
3050 lbs

L x W x H

2.10 x 0.95 x 1.70 mtr
82 x 37 x 68"

PUMP SPECIFICATION

Model	CRP80RB327
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: Seven Vane Enclosed Clear Liquids Impeller design providing optimal efficiency</p> <p>Size: 327 mm (12.87")</p>
Volute	Heavy duty GG30 Gray 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



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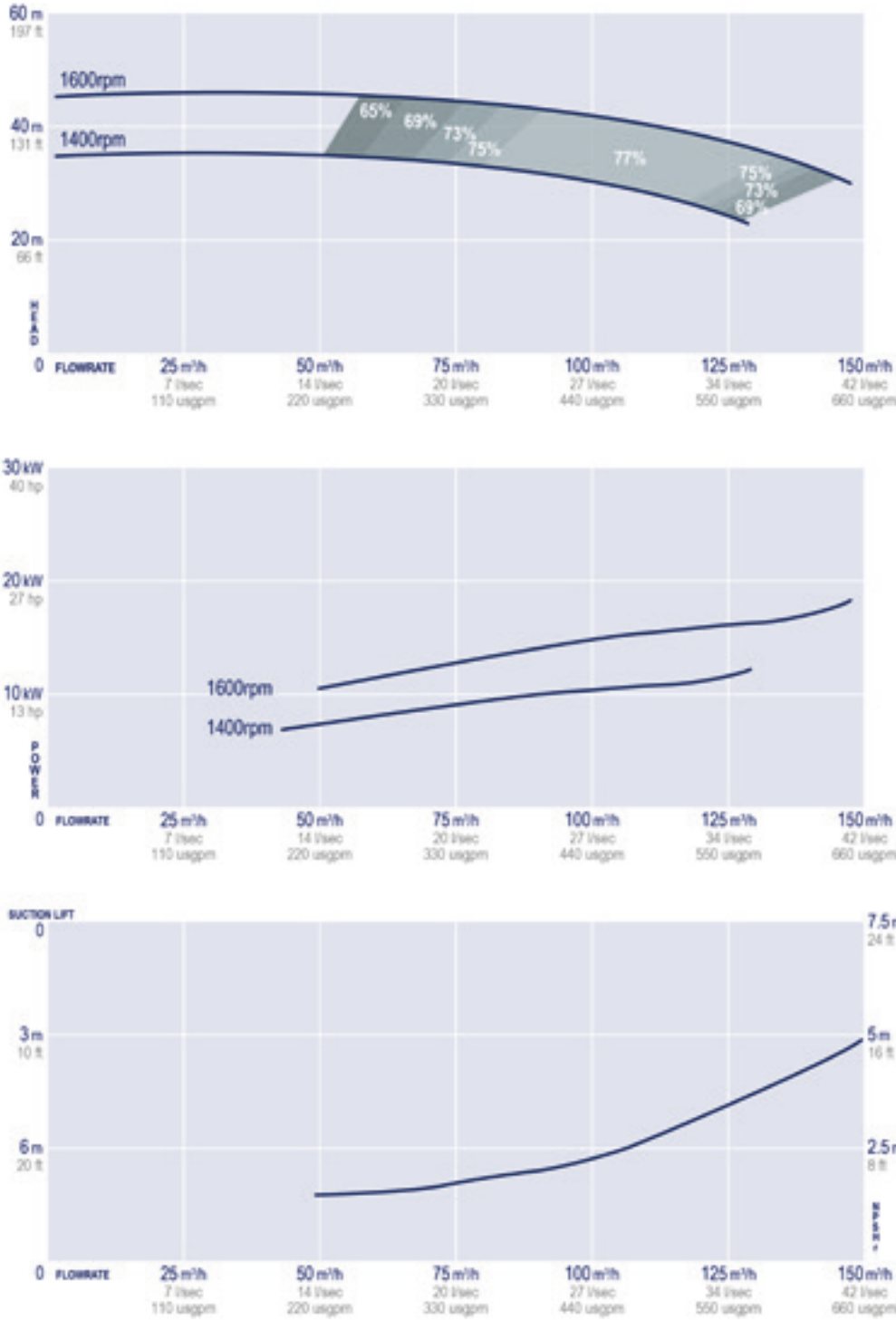
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GI110/40-0221

GENERAL INDUSTRY

PERFORMANCE CHART (FOR GUIDANCE ONLY)



MARKETS



DXB, AT YOUR SERVICE



AROUND YOUR CLOCK, AROUND YOUR WORLD®

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.



REAL TIME ASSET CONTROL

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



YOUR TRUSTED PARTNER

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GI140/55



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
55 m ³ /hr 240 usgpm	140 mtrs 460'	1900 rpm	79%

AT A GLANCE

Suction Size	125 mm	5"
Discharge Size	80 mm	3"
Solids Handling	13 mm (min)	0.50" (min)
Max Flow	170 m ³ /hr	750 usgpm
Max Head	64 mtrs	210'
Max Speed	1900 rpm	

DIESEL ENGINE SPECIFICATION

CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	8 ltrs/hr	2.10 usgph
Rated Power @ BEP	26 kW	45 hp
Model	Deutz TD2.9	
Emissions	EU Stage V	
Max Power	55 kW	74 hp

ELECTRIC MOTOR SPECIFICATION

CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	55 kW	74 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	250	

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

14.25 HOURS

To empty an Olympic Swimming Pool
(2,500,000 litres) at Max Flow (170 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"

PUMP SPECIFICATION

Model	CRP80RB327
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: Seven Vane Enclosed Clear Liquids Impeller design providing optimal efficiency</p> <p>Size: 327 mm (12.87")</p>
Volute	Heavy duty GG30 Gray 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



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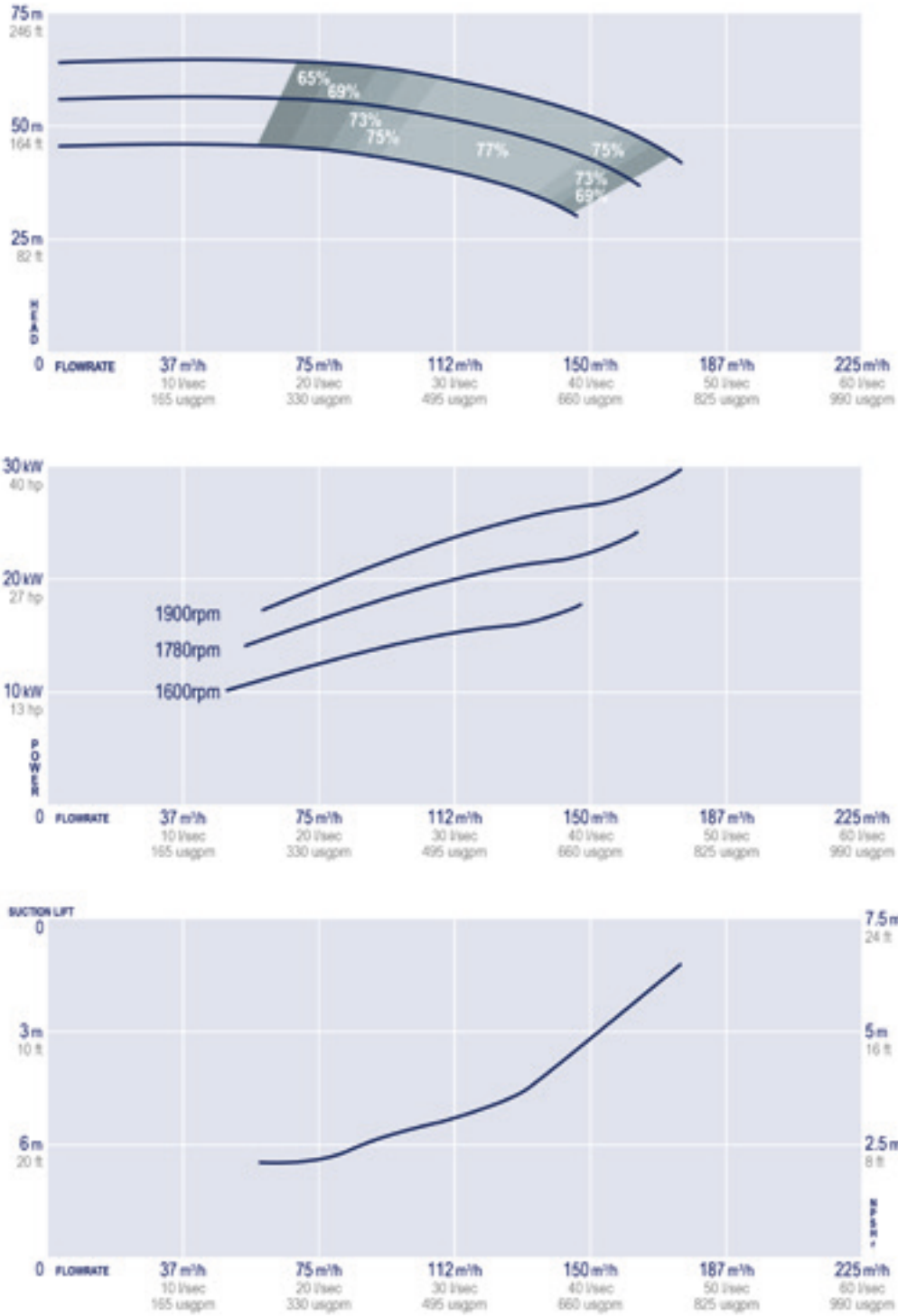
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REAL TIME ASSET CONTROL

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YOUR TRUSTED PARTNER

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GI140/70



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
150 m ³ /hr 670 usgpm	71 mtrs 233'	1800 rpm	72%

AT A GLANCE

Suction Size	150 mm	6"
Discharge Size	80 mm	3"
Solids Handling	13 mm (min)	0.50" (min)
Max Flow	190 m ³ /hr	840 usgpm
Max Head	77 mtrs	253'
Max Speed	1800 rpm	

DIESEL ENGINE SPECIFICATION

CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	12 ltrs/hr	3.20 usgph
Rated Power @ BEP	41 kW	55 hp
Model	Deutz TD2.9	
Emissions	EU Stage V	
Max Power	55 kW	74 hp

ELECTRIC MOTOR SPECIFICATION

CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	55 kW	74 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	250	

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

13.25 HOURS

To empty an Olympic Swimming Pool
(2,500,000 litres) at Max Flow (190 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"

PUMP SPECIFICATION

Model	CRP80HC376
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: Six Vane, CA6NM Enclosed Clear Liquids Impeller design providing long life & optimal efficiency</p> <p>Size: 376 mm (14.80")</p>
Volute	Heavy duty GG30 Gray 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



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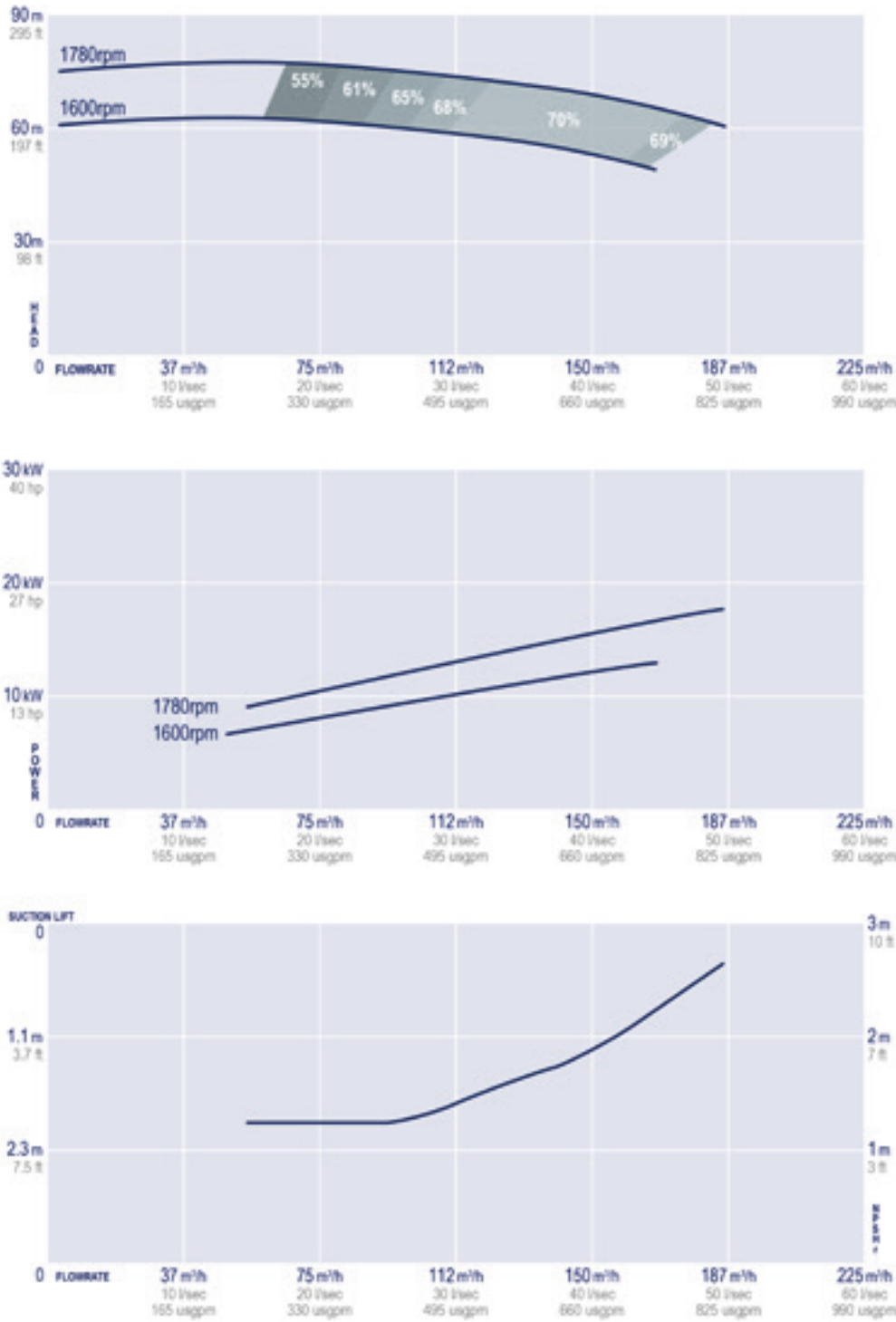
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YOUR TRUSTED PARTNER

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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	
	Discharge Check Valve: Patented Cornell Non return valve with optional 90 degree discharge and heavy duty flapper Run Dry: Indefinite capability	
Impeller	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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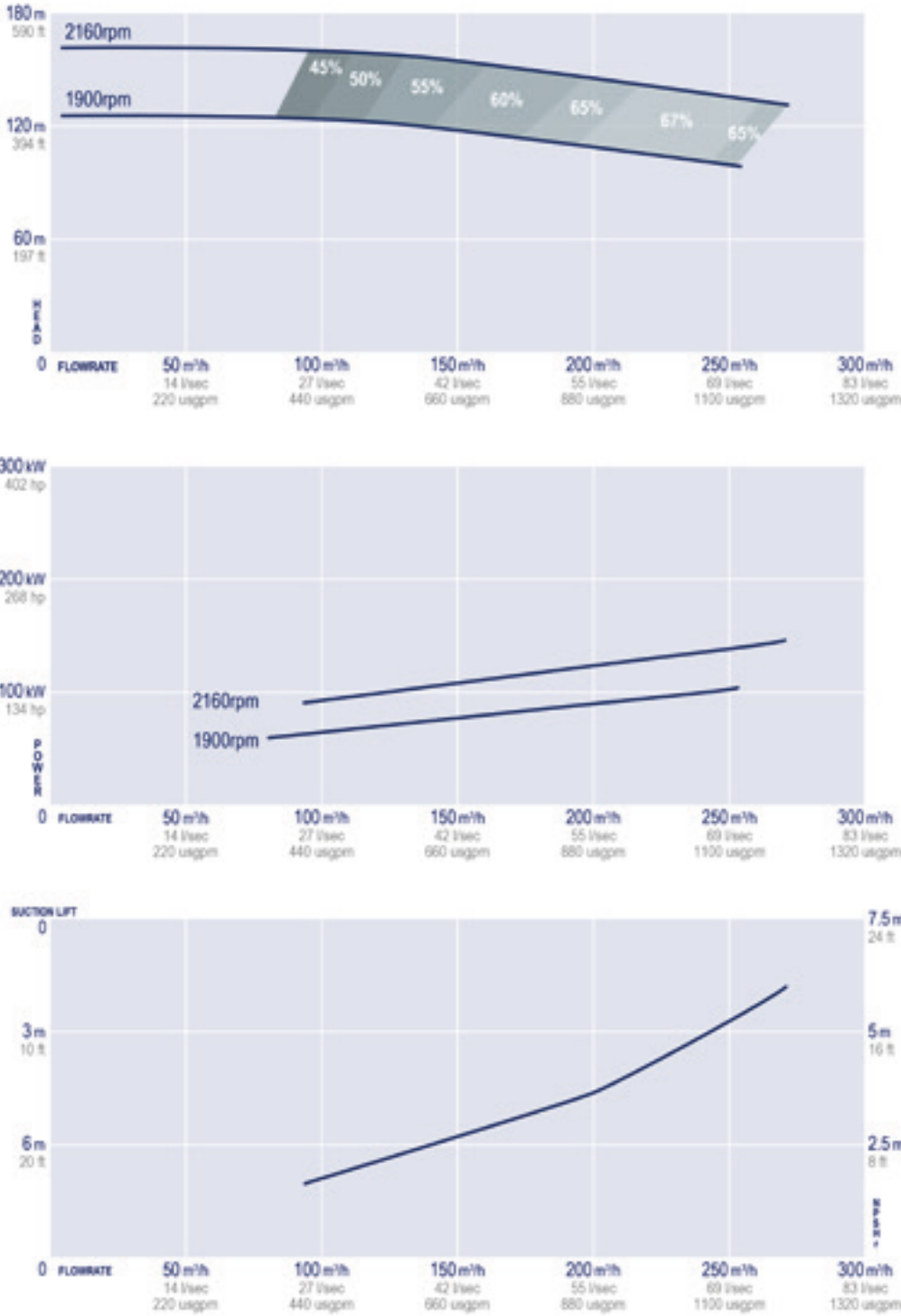
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WARRANTY & AFTERCARE

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REAL TIME ASSET CONTROL

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YOUR TRUSTED PARTNER

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GI200/100



CLEAR LIQUIDS



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
190 m ³ /hr 830 usgpm	108 mtrs 354'	2150 rpm	71%

AT A GLANCE

Suction Size	150 mm	6"
Discharge Size	80 mm	3"
Solids Handling	13 mm (min)	0.50" (min)
Max Flow	230 m ³ /hr	1020 usgpm
Max Head	118 mtrs	387'
Max Speed	2150 rpm	

DIESEL ENGINE SPECIFICATION

CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	23 ltrs/hr	6.10 usgph
Rated Power @ BEP	78 kW	105 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



10.80 HOURS

To empty an Olympic Swimming Pool
(2,500,000 litres) at Max Flow (230 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"

PUMP SPECIFICATION

Model	CRP80HC387
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: Six Vane, CA6NM Enclosed Clear Liquids Impeller design providing long life & optimal efficiency</p> <p>Size: 387 mm (15.23")</p>
Volute	Heavy duty GG30 Gray 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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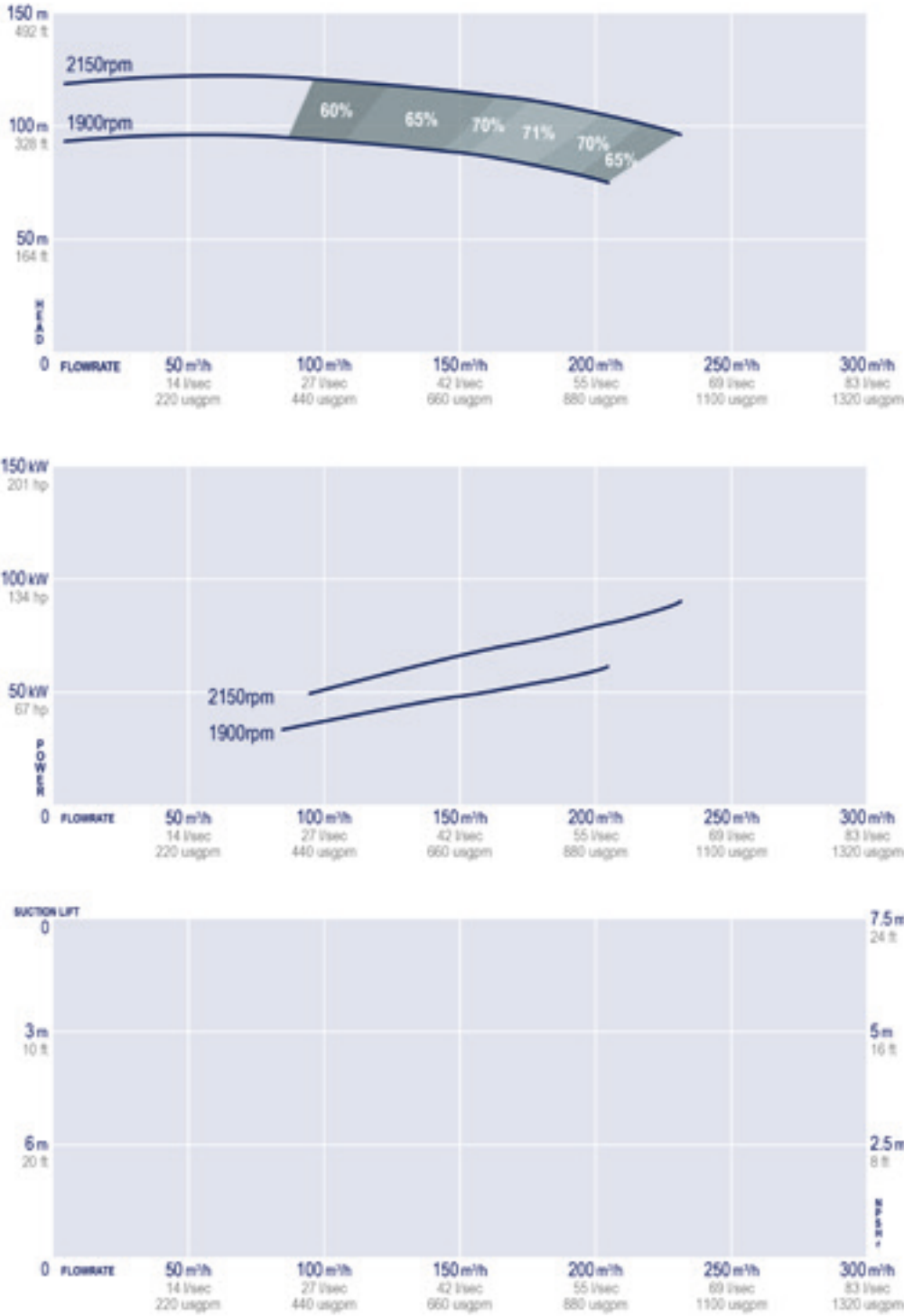
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REAL TIME ASSET CONTROL

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YOUR TRUSTED PARTNER

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GI250/150



CLEAR LIQUIDS



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
280 m ³ /hr 1230 usgpm	148 mtrs 486'	1800 rpm	65%

AT A GLANCE		
Suction Size	150 mm	6"
Discharge Size	100 mm	4"
Solids Handling	25 mm (min)	1" (min)
Max Flow	350 m ³ /hr	1540 usgpm
Max Head	166 mtrs	545'
Max Speed	1800 rpm	

DIESEL ENGINE SPECIFICATION		CHOOSE DIESEL
Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	51 ltrs/hr	13.50 usgph
Rated Power @ BEP	172 kW	231 hp
Model	Deutz TCD7.8L6	
Emissions	EU Stage V	
Max Power	225 kW	302 hp

ELECTRIC MOTOR SPECIFICATION		CHOOSE ELECTRIC
Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	250 kW	335 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	315 L	


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

 **7.00 HOURS**

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



NET WEIGHT	L x W x H
4100 kgs 9040 lbs	4.25 x 1.60 x 2.20 mtr 167 x 63 x 87"

PUMP SPECIFICATION	
Model	CRP100MX536
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: Four Vane, CA6NM Enclosed Clear Liquids Impeller design providing long life & optimal efficiency</p> <p>Size: 536 mm (21.10")</p>
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



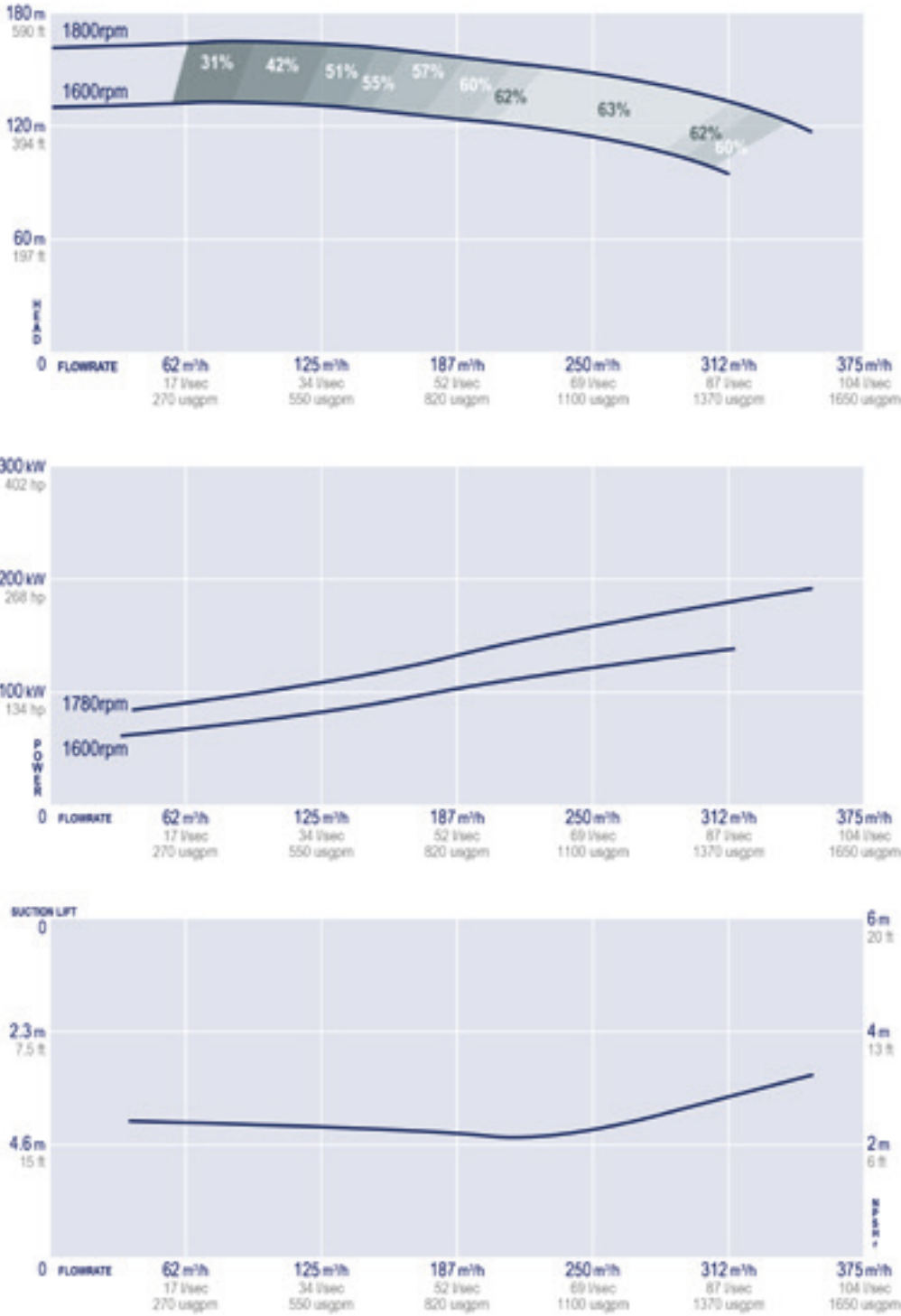
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YOUR TRUSTED PARTNER

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GI350/160



SOLIDS
HANDLING



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
350 m ³ /hr 1540 usgpm	161 mtrs 528'	2100 rpm	68%

AT A GLANCE

Suction Size	200 mm	8"
Discharge Size	100 mm	4"
Solids Handling	51 mm (min)	2" (min)
Max Flow	510 m ³ /hr	2250 usgpm
Max Head	198 mtrs	650'
Max Speed	2100 rpm	

DIESEL ENGINE SPECIFICATION

CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	68 ltrs/hr	18.00 usgph
Rated Power @ BEP	225 kW	302 hp
Model	Scania DC13	
Emissions	EU Stage V	
Max Power	300 kW	402 hp

ELECTRIC MOTOR SPECIFICATION

CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	315 kW	422 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	355	

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

 **4.90 HOURS**

To empty an Olympic Swimming Pool
(2,500,000 litres) at Max Flow (510 m³/hr)



DXB6


NET WEIGHT

7000 kgs
15430 lbs

L x W x H

4.10 x 2.10 x 2.20 mtr
161 x 82 x 87"

PUMP SPECIFICATION

Model	CRP100NHTB495	
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	
	Discharge Check Valve: Patented Cornell Non return valve with optional 90 degree discharge and heavy duty flapper Run Dry: Indefinite capability	
Impeller	Type: Two Vane, High Head Enclosed Solids Handling Impeller design for large spherical solids pass through whilst providing optimal efficiency Size: 495 mm (19.49")	
Volute	Heavy duty GG30 Gray 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	



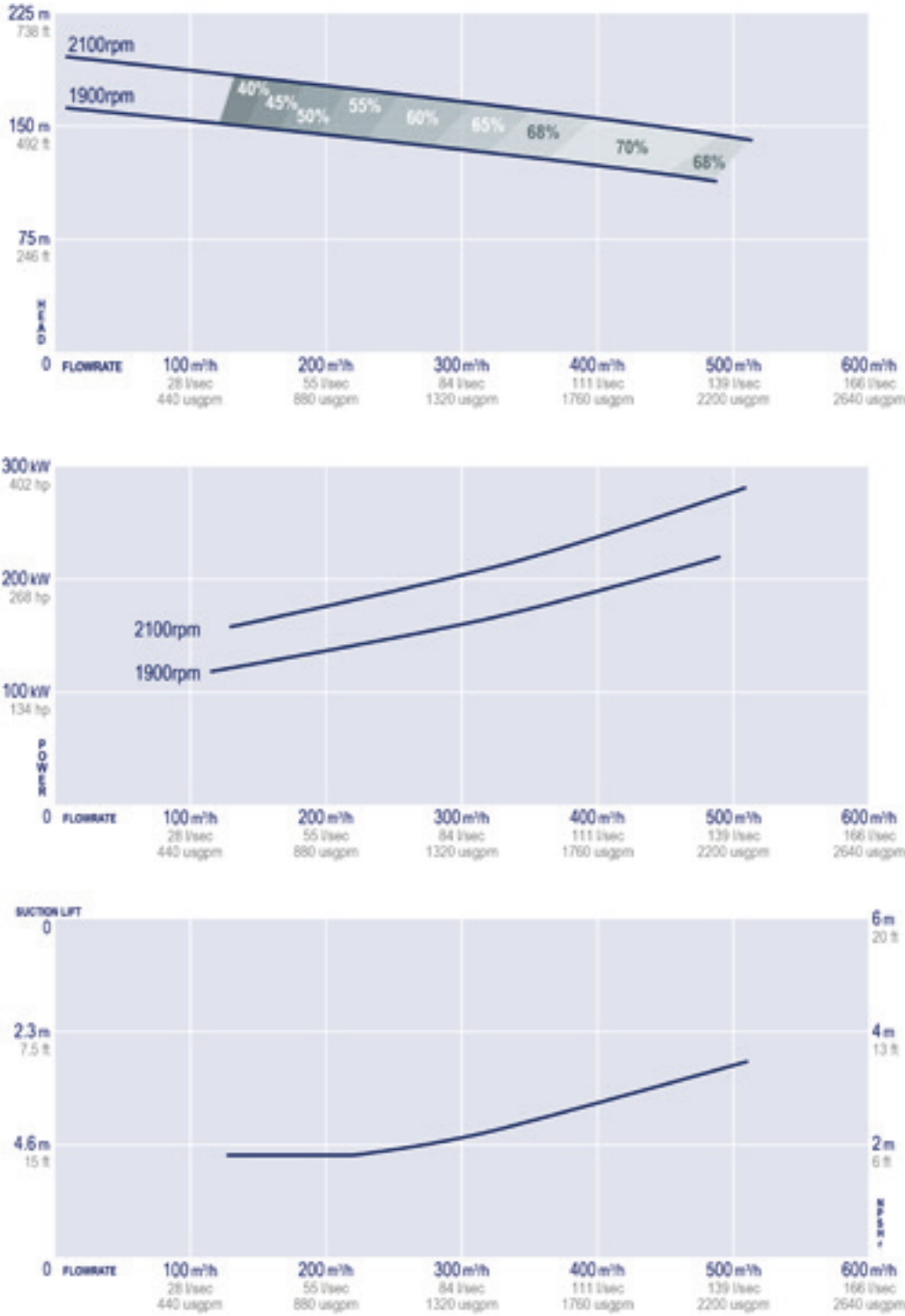
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GI500/160



SOLIDS
HANDLING



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
500 m ³ /hr 2200 usgpm	160 mtrs 525'	2050 rpm	67%

AT A GLANCE

Suction Size	200 mm	8"
Discharge Size	150 mm	6"
Solids Handling	50 mm (min)	2" (min)
Max Flow	930 m ³ /hr	4100 usgpm
Max Head	190 mtrs	640'
Max Speed	2050 rpm	

DIESEL ENGINE SPECIFICATION

CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	96 ltrs/hr	25.40 usgph
Rated Power @ BEP	319 kW	428 hp
Model	CAT C18TTA	
Emissions	EU Stage V	
Max Power	500 kW	671 hp

ELECTRIC MOTOR SPECIFICATION

CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	500 kW	671 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	355 A/B	

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



2.70 HOURS

To empty an Olympic Swimming Pool
(2,500,000 litres) at Max Flow (930 m³/hr)



PLEASE GET IN TOUCH FOR
MORE DETAILS ON PUMP SIZE

PUMP SPECIFICATION

Model	CRP150NHTC495
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: Two Vane, High Head Enclosed Solids Handling Impeller design for large spherical solids pass through whilst providing optimal efficiency</p> <p>Size: 495 mm (19.49")</p>
Volute	Heavy duty GG30 Gray 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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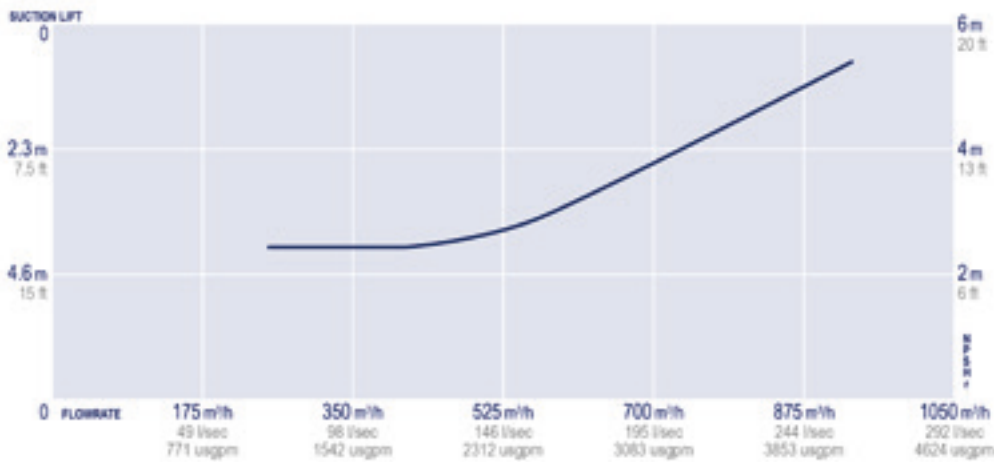
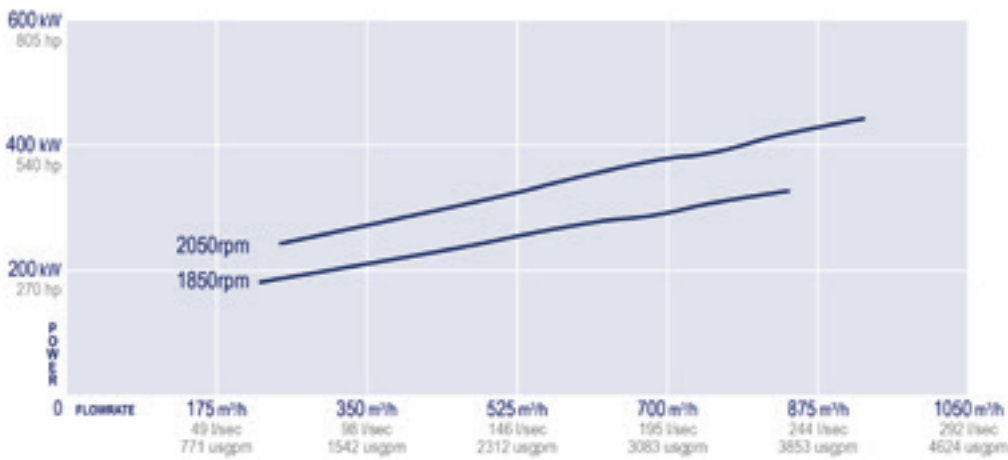
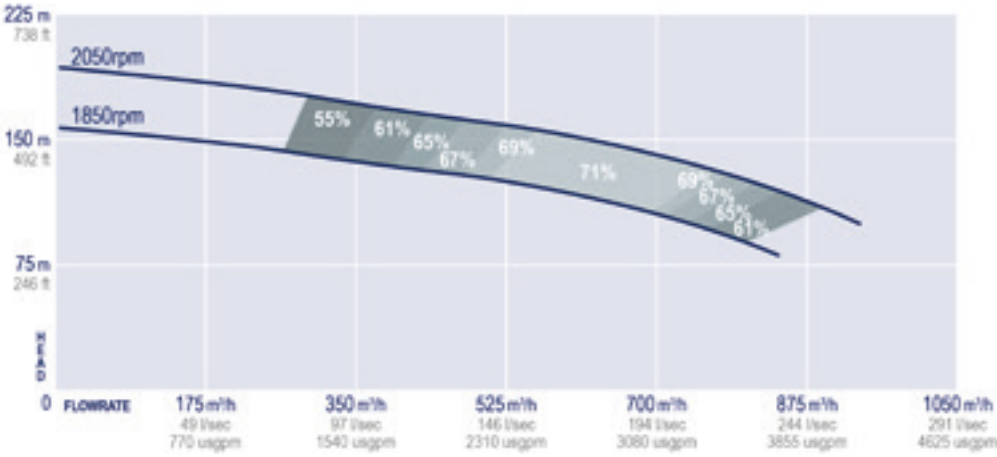
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AROUND YOUR CLOCK, AROUND YOUR WORLD®

GI500/160-0221

GENERAL INDUSTRY

PERFORMANCE CHART (FOR GUIDANCE ONLY)



MARKETS



DXB, AT YOUR SERVICE



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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

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REAL TIME ASSET CONTROL

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YOUR TRUSTED PARTNER

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GI750/160



CLEAR LIQUIDS



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
750 m ³ /hr 3300 usgpm	160 mtrs 525'	1800 rpm	75%

AT A GLANCE

Suction Size	200 mm	8"
Discharge Size	150 mm	6"
Solids Handling	51 mm (min)	2" (min)
Max Flow	920 m ³ /hr	4050 usgpm
Max Head	176 mtrs	577'
Max Speed	1800 rpm	

DIESEL ENGINE SPECIFICATION

CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	131 ltrs/hr	34.60 usgph
Rated Power @ BEP	433 kW	581 hp
Model	CAT C18TTA	
Emissions	EU Stage V	
Max Power	500 kW	671 hp

ELECTRIC MOTOR SPECIFICATION

CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	500 kW	671 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	355 A/B	

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

 **2.70 HOURS**

To empty an Olympic Swimming Pool (2,500,000 litres) at Max Flow (920 m³/hr)



PLEASE GET IN TOUCH FOR MORE DETAILS ON PUMP SIZE

PUMP SPECIFICATION

Model	CRP150MX558
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: Four Vane, CA6NM High Head Enclosed Clear Liquids Impeller design providing optimal efficiency</p> <p>Size: 558 mm (21.97")</p>
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



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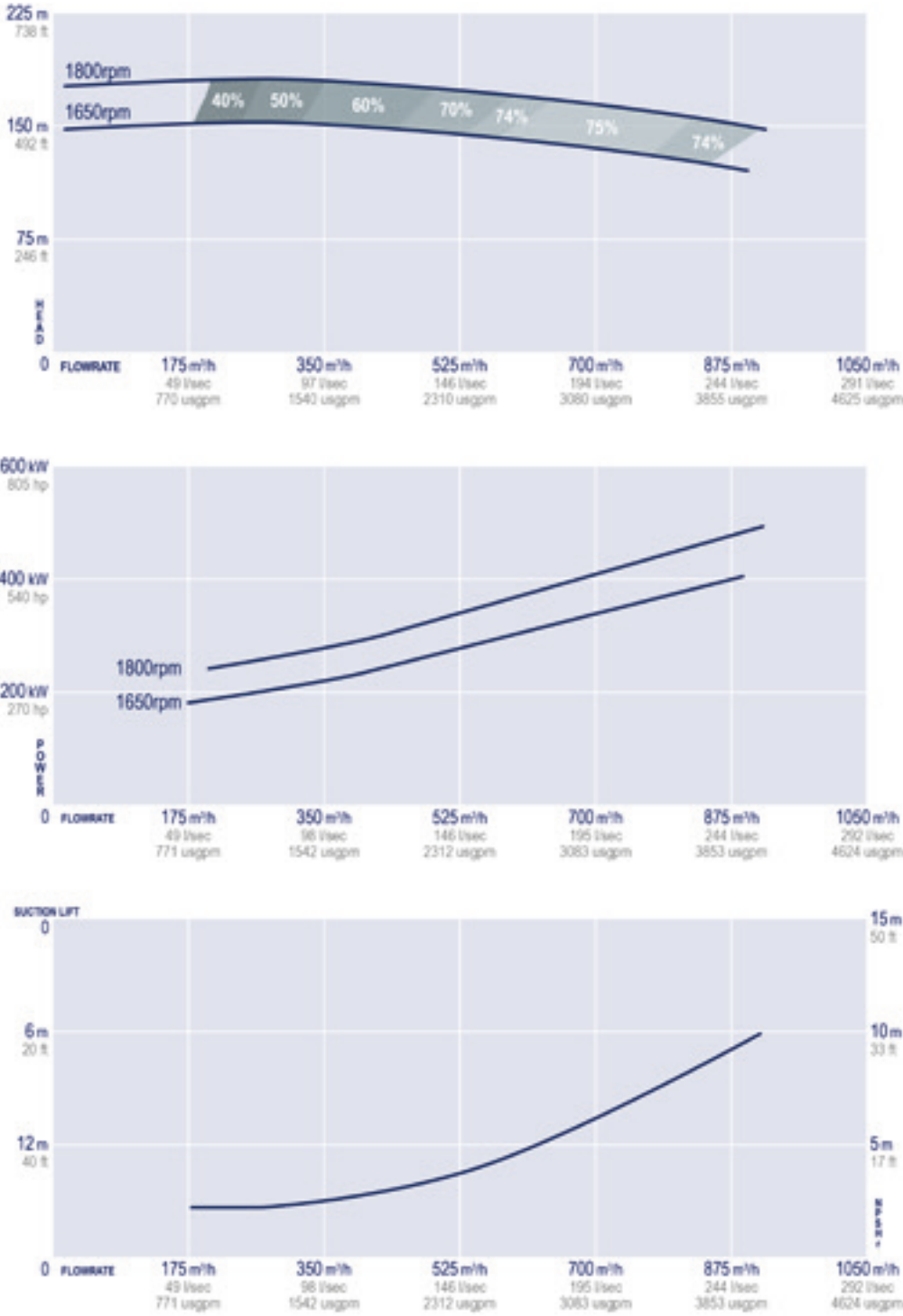
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GI750/160-0221

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REAL TIME ASSET CONTROL

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GI750/200



CLEAR LIQUIDS



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
740 m ³ /hr 3270 usgpm	197 mtrs 646'	1900 rpm	71%

AT A GLANCE		
Suction Size	250 mm	10"
Discharge Size	200 mm	8"
Solids Handling	61 mm (min)	2.40" (min)
Max Flow	1640 m ³ /hr	7200 usgpm
Max Head	213 mtrs	699'
Max Speed	1900 rpm	

DIESEL ENGINE SPECIFICATION		CHOOSE DIESEL
Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	169 ltrs/hr	44.60 usgph
Rated Power @ BEP	560 kW	751 hp
Model	CAT C32	
Emissions	EU Stage V	
Max Power	800 kW	1073 hp

ELECTRIC MOTOR SPECIFICATION	CHOOSE ELECTRIC
<p>PLEASE GET IN TOUCH FOR MORE DETAILS</p> <p>+44(0)1473 833939</p> <p>SALES@DXBPUMPPOWER.COM</p> <p>WWW.DXBPUMPPOWER.COM</p>	

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

1.50 HOURS

To empty an Olympic Swimming Pool (2,500,000 litres) at Max Flow (1640 m³/hr)



PLEASE GET IN TOUCH FOR MORE DETAILS ON PUMP SIZE

PUMP SPECIFICATION	
Model	CRP200MX586
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: Three Vane, CA6NM High Head Enclosed Clear Liquids Impeller design providing optimal efficiency</p> <p>Size: 586 mm (23.07")</p>
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



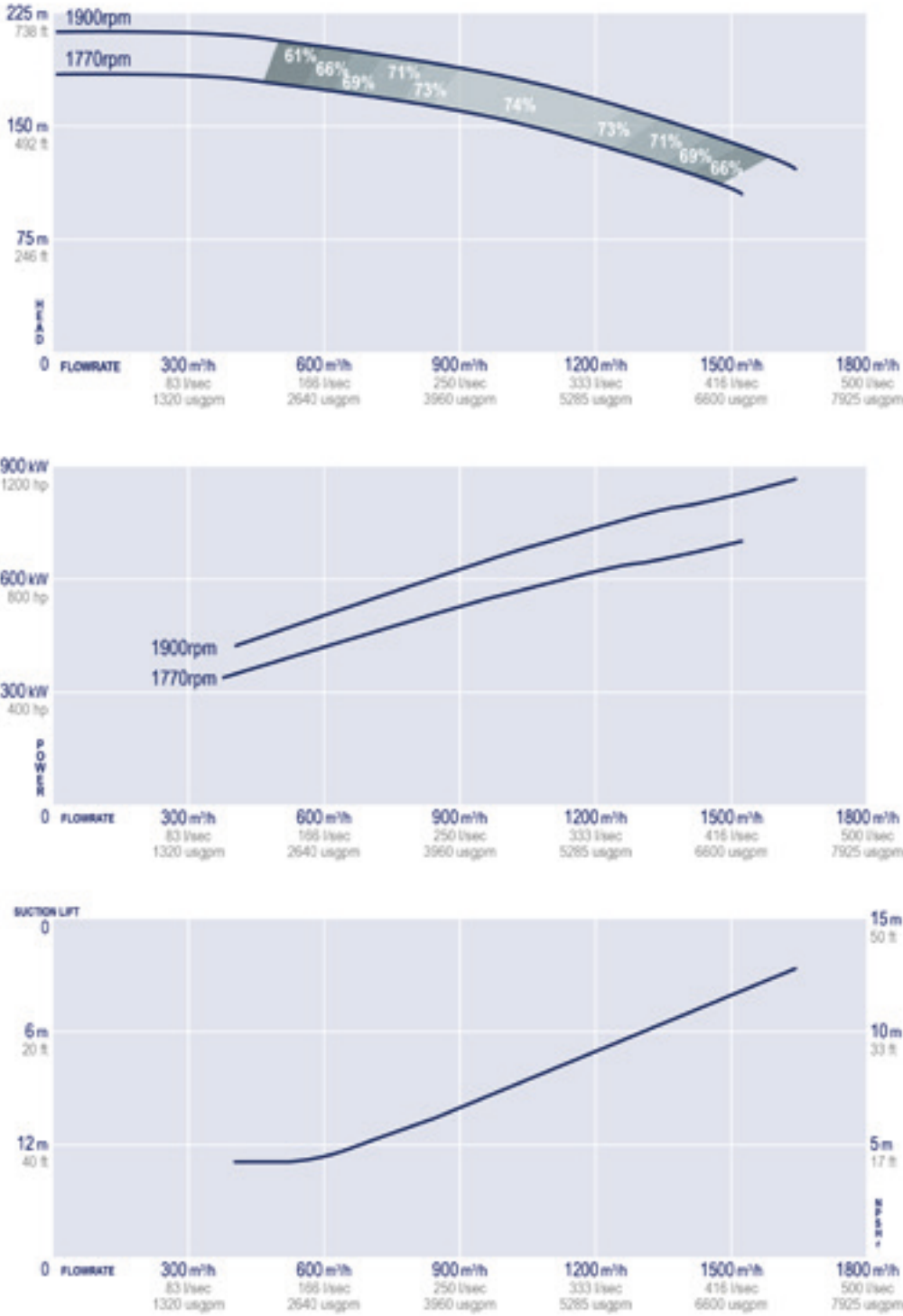
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REAL TIME ASSET CONTROL

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GI1000/110



SOLIDS
HANDLING



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
1000 m ³ /hr 4420 usgpm	111 mtrs 364'	1800 rpm	77%

AT A GLANCE

Suction Size	250 mm	10"
Discharge Size	200 mm	8"
Solids Handling	102 mm (min)	4" (min)
Max Flow	1400 m ³ /hr	6160 usgpm
Max Head	146 mtrs	479'
Max Speed	1800 rpm	

DIESEL ENGINE SPECIFICATION

CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	118 ltrs/hr	31.20 usgph
Rated Power @ BEP	395 kW	530 hp
Model	Scania DC16	
Emissions	EU Stage V	
Max Power	400 kW	536 hp

ELECTRIC MOTOR SPECIFICATION

CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	450 kW	603 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	355 A/B	

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

1.80 HOURS

To empty an Olympic Swimming Pool
(2,500,000 litres) at Max Flow (1400 m³/hr)



DXB7

PLEASE GET IN TOUCH FOR
MORE DETAILS ON PUMP SIZE

PUMP SPECIFICATION

Model	CRP200NHTH520	
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: Two Vane Enclosed Solids Handling Impeller design for large spherical solids pass through whilst providing optimal efficiency Size: 521 mm (20.50")	
Volute	Heavy duty GG30 Gray 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	



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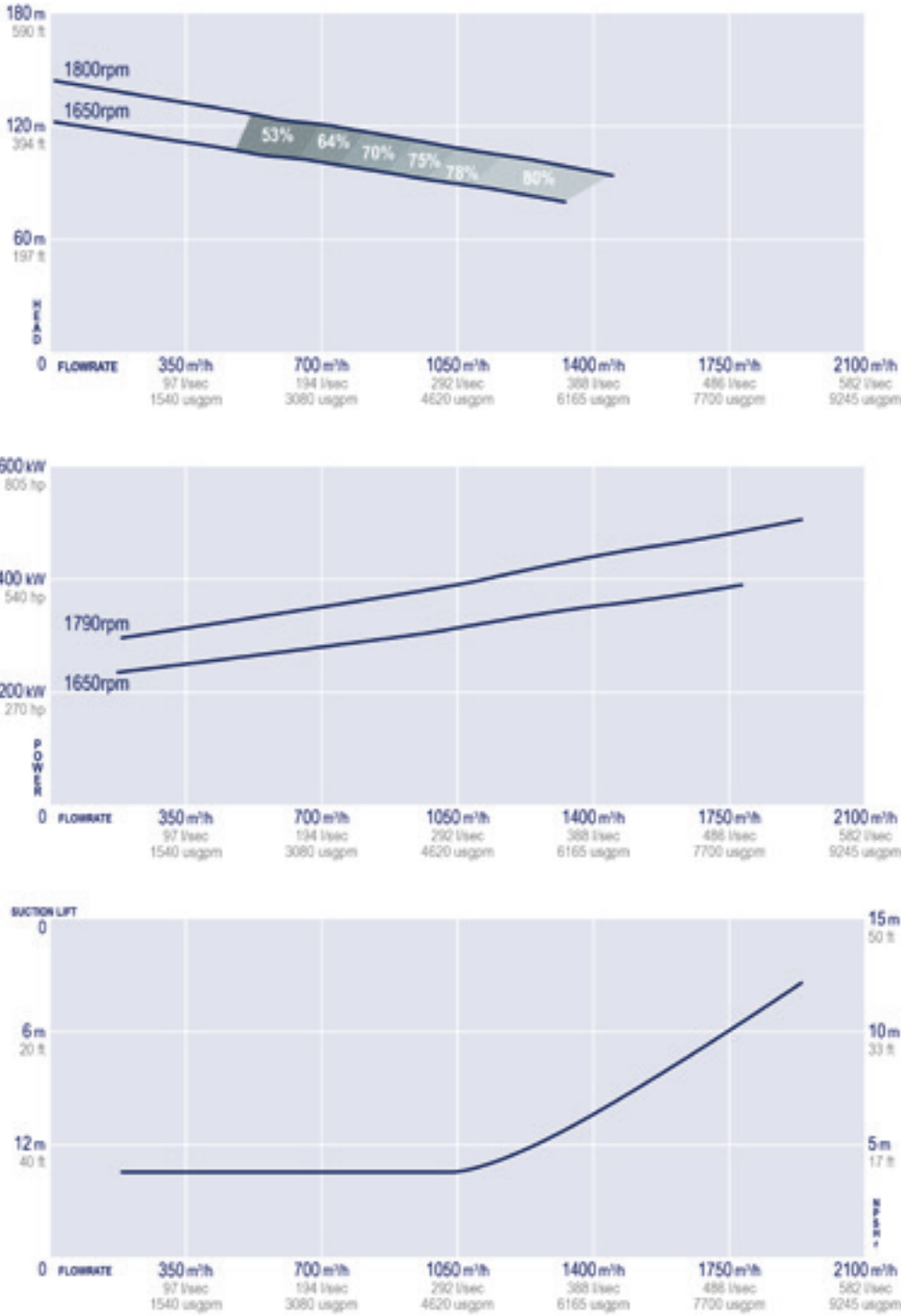
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REAL TIME ASSET CONTROL

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GI1000/150



SOLIDS
HANDLING



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
990 m ³ /hr 4370 usgpm	148 mtrs 486'	2100 rpm	81%

AT A GLANCE

Suction Size	250 mm	10"
Discharge Size	200 mm	8"
Solids Handling	62 mm (min)	2.40" (min)
Max Flow	1550 m ³ /hr	6820 usgpm
Max Head	181 mtrs	594'
Max Speed	2100 rpm	

DIESEL ENGINE SPECIFICATION

CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	148 ltrs/hr	39.10 usgph
Rated Power @ BEP	489 kW	656 hp
Model	CAT C27	
Emissions	EU Stage V	
Max Power	600 kW	805 hp

ELECTRIC MOTOR SPECIFICATION

CHOOSE ELECTRIC

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FOR MORE DETAILS

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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

 **1.60 HOURS**

To empty an Olympic Swimming Pool
(2,500,000 litres) at Max Flow (1550 m³/hr)



DXB10

PLEASE GET IN TOUCH FOR
MORE DETAILS ON PUMP SIZE

PUMP SPECIFICATION

Model	CRP200NHG495
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: Three Vane Enclosed Solids Handling Impeller design for large spherical solids pass through whilst providing optimal efficiency</p> <p>Size: 495 mm (19.49")</p>
Volute	Heavy duty GG30 Gray 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



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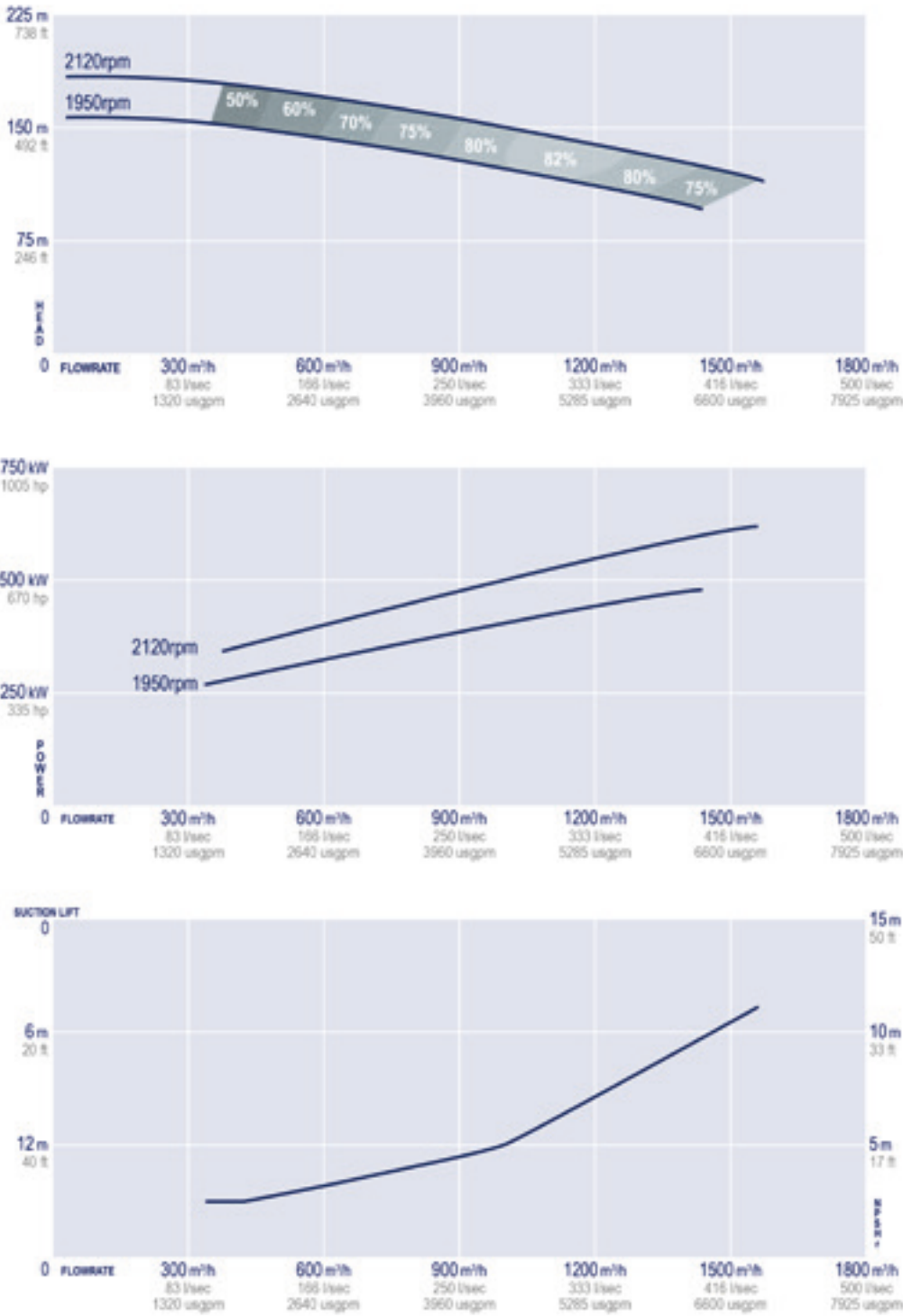
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