



Circle Pumps

14"-12" DREDGING BOOSTER PUMP



1200HP DIESEL ENGINE BOOSTER PUMP

Dimension : L=6.00m x W=2.20m x H=2,40m Weight = 13,800 KG

Specifications :

- 1200 hp Cummins engine or similar – marine clutch with reduction gear
- 14" x 12" HiCr Dredge Pump with 5 blade Impeller.
- 1,200m³/hr at 110m output at 1,300kg/m³ slurry density
- Can be easily separated for standard sea container shipping
- 24VDC controls with PLC integrated sensor alarms & safety shut down.
- Sea water circulating pump / Fresh water cooler with header tank.

CIRCLE PUMPS CO., LTD

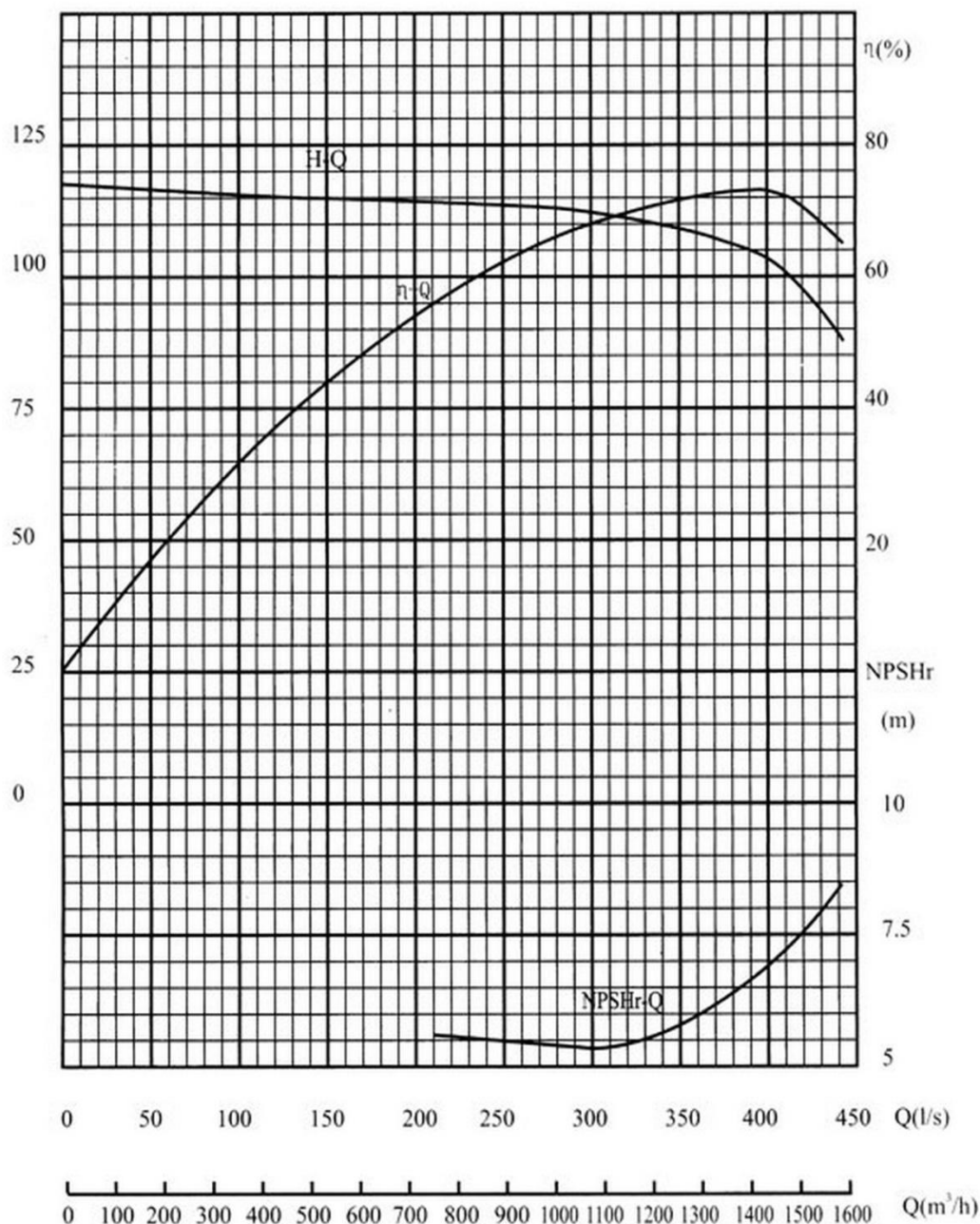
Tel : +886 4 24264898 Fax : +886 4 24256230

ZGB (P) Series Performance Curve in Clear Water

Size	Frame	Type	Allowable Max. Power kw	Permissible Partial Size mm	Impeller: 250ZGB01-120-01					Curve No.
					Vane No.	Type	Material	Vane Dia. mm	Material	
250	743	ZGB	1200	70	6	Close	Metal	844	Metal	250ZGB-120
					Shaft Seal	Packing Seal; Expeller Seal				Date
						Mechanical Seal				2008

H(m)

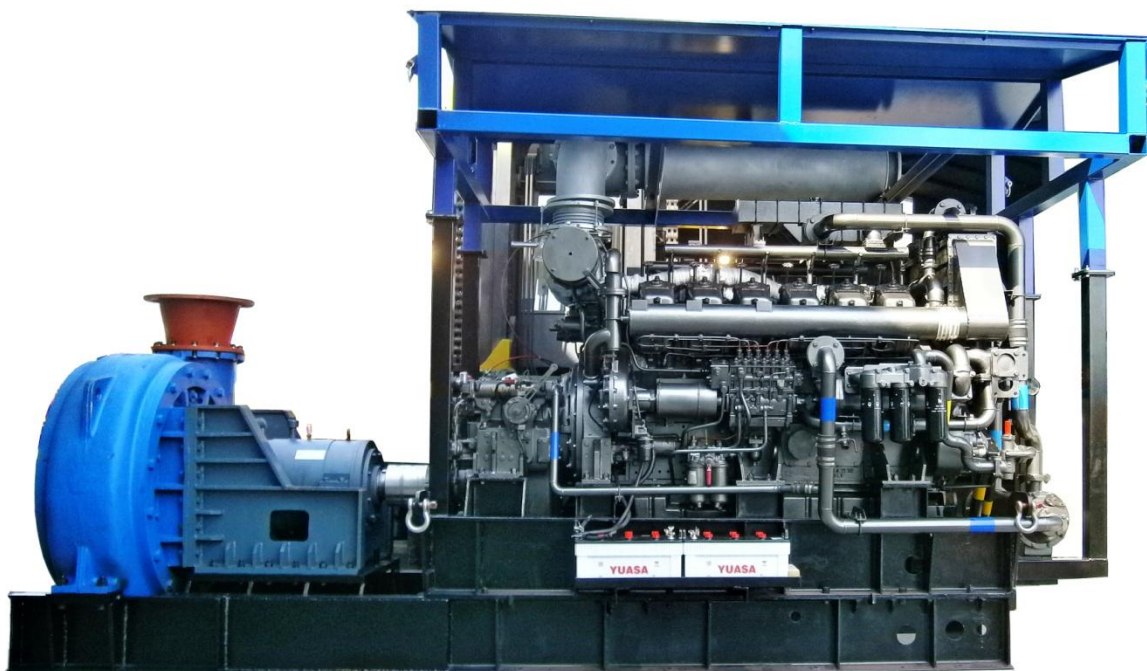
n=980r/min





Circle Pumps

18" DREDGING BOOSTER PUMP



1500HP YANMAR MARINE DIESEL

Total Dimension : L=7.00m x W=2.20m x H=2,40m

Weight = 24,000 KG

Specifications :

- 2,400 hp Yanmar Marine engine or similar – marine clutch with reduction gear
- 18" x 16" HiCr Dredge Pump with 5 blade Impeller.
- 2,800m³/hr at 60m output at 1,300kg/m³ slurry density
- Can be easily separated for standard sea container shipping
- 24VDC controls with PLC integrated sensor alarms & safety shut down.
- Sea water circulating pump / Fresh water cooler with header tank.

CIRCLE PUMPS CO., LTD / SUMPTECH CO., LTD

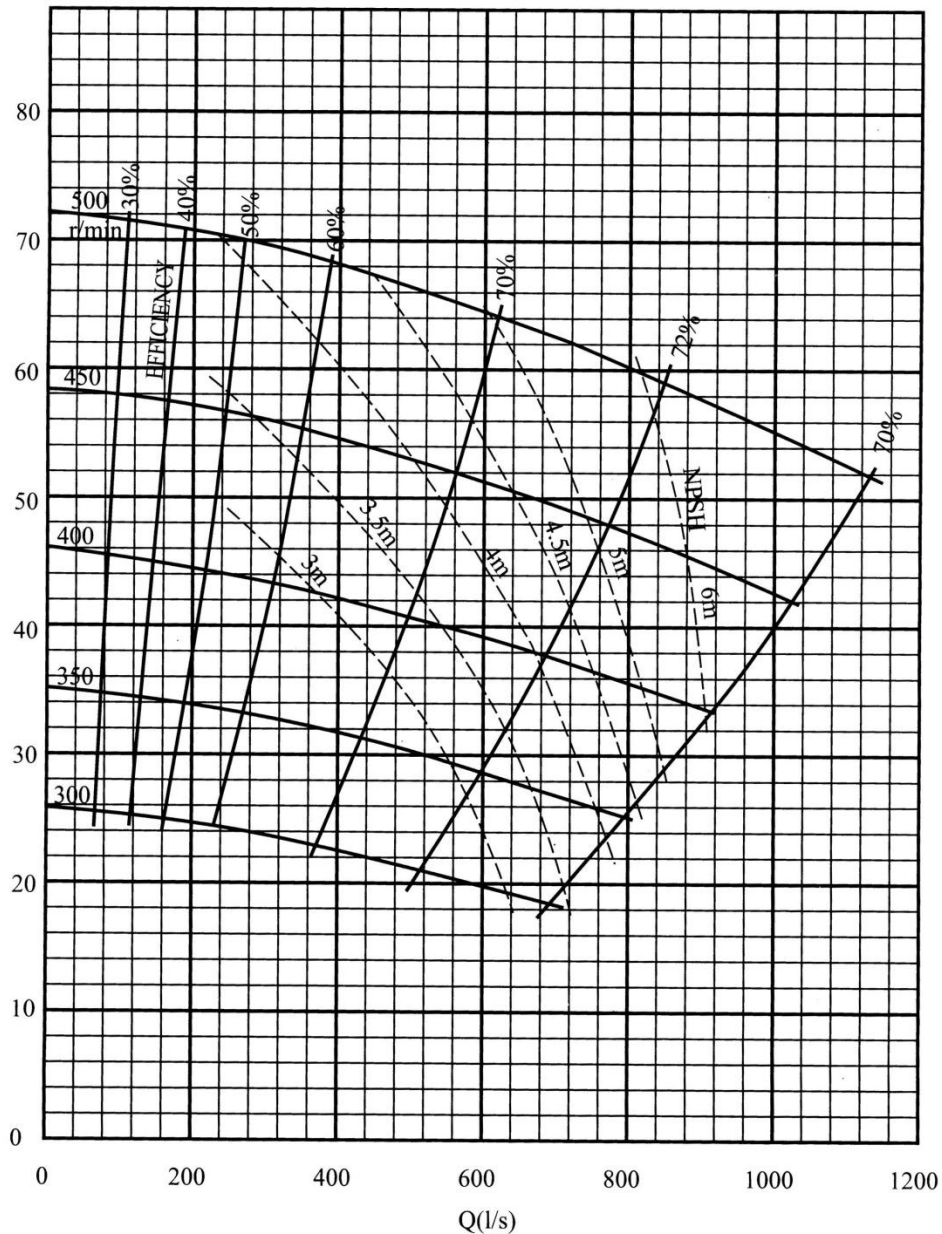
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Specifications subject to modification at any time without prior notice

SHG Serises Performance Curve in Clear Water

Size	Frame	Type	Allowable Max. Power kw	Permissible Partial Size mm	Impeller: TG14148				Pumping Chamber	Curve No.
					Vane No.	Type	Material	Vane Dia. mm	Material	SME1009
350	TU	SHG	1200	230	3	Close	Metal	1270/1220	Metal	
				Increasing 5% Power With Expeller Seal	Shaft Seal	Packing Seal; Expeller Seal				Date
						Mechanical Seal				2008

H(m)



10'' - 8'' DREDGING BOOSTER PUMP



560HP Mitsubishi Diesel Engine

Total Dimension : L=5.80m x W=2.20m x H=2,40m

Weight = 9,500 KG

Specifications :

- 560HP Engine – with marine clutch and reduction gear box.
- 10''- 8'' HiCr Dredge Pump with 5 blade Impeller.
- 620m³/hr at 120m head output at 1,250 kg/m³ slurry density
- Can be shipped by standard sea container shipping
- 24VDC controls with PLC integrated sensor alarms & safety shut down.
- Engine cooling by Radiator with fan or sea-water cooler.

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ZJ Serises Performance Curve in Clear Water

Pump model	200ZJ-I-A85	曲线号 curve No.	ZJ20085	日期 date	2006.8
排出 / 吸入口径 (mm) dia. outlet / inlet	200/250	间断通过最大粒径 (mm) permissible max. particle size		54	
泵壳材质 pump housing material	QT	配带最大功率 (kW) power max.	560	过流部件材质 material for flow-contacting	GLH

