



Circle Pumps

SH12-300 HYDRAULIC SUBMERSIBLE DREDGE PUMP WITH AGITATOR



- 500cc HYDRAULIC PISTON MOTOR.
- DISCHARGE SIZE 12 INCH (300MM).
- DESIGNED FOR HEAVY SAND SLURRIES.
- HYDRAULIC OR ELECTRIC DRIVE.
- JETTING RING ATTACHMENT OPTIONS.
- 120MM SOLIDS SIZE
- VARIABLE POWER UP TO 300HP

High Capacity 25m³/min

Excellent combination of heavy duty wear resistant materials, variable input drive power with wide enclosed impeller provides high flow capacities with sufficient power to pump heavy slurries, sands and gravels.

Our special high pressure seal provides excellent integrity at deeper water depths.

Featuring Oil filled bearing housing and large compensators for deep water / subsea operations.

CIRCLE PUMPS CO., LTD

Taiwan R.O.C

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SH12-300

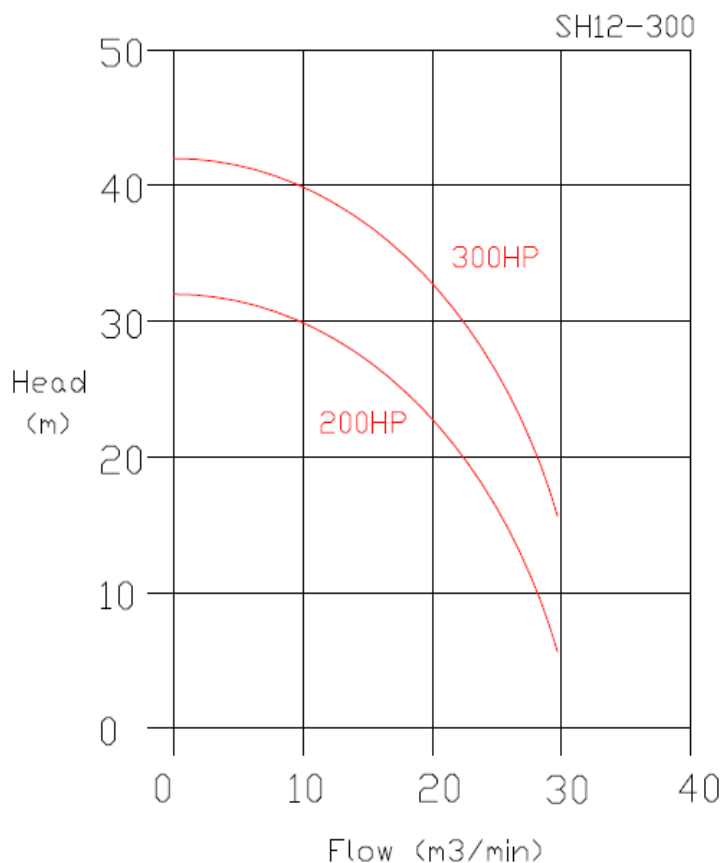
Specifications

Discharge Size 12" (300mm)
Max Power 300HP (220kw)
Capacity 25m³/min at 23m.
Max head 42m
Max Flow 30m³/min
Solids Size 120mm Dia.
Weight 5,000 kgs

Hyd. Flow 450 ltr/min
Hyd. Press. 340 bar
Pump Speed 810 rpm (max)

Materials

Casing FCD550
Impeller Hi-Chrome
Agitator Hi-Chrome
Shaft SCM435



The main features of our heavy duty slurry pump is a heavy design of wear resistant casing and 28% HiCr impeller. Excellent combination of materials provides long term operation even in harsh abrasive slurries.

Incorporating high pressure mechanical seal in double TC

Optional Accessories

Diesel or Electric Driven Hydraulic Power Pack.

Umbilical Power Spooler.

Heavy duty rubber delivery hoses, HDPE hoses, Floating Pipes.

Jetting water nozzle attachments, jetting pumps, hoses.

Lifting frame Options, excavator mounting plates.



Circle Pumps

SH16-500 HEAVY DUTY SUBMERSIBLE SLURRY PUMP WITH AGITATOR



- DISCHARGE SIZE 16 INCH (400MM).
- HIGH PRESSURE MECHANICAL SEAL.
- DESIGNED FOR HEAVY SAND SLURRIES.
- HYDRAULIC OR ELECTRIC DRIVE.
- CUTTER ATTACHMENT OPTIONS.

High Capacity 35m³/min
At 25m Head (500HP)

Excellent combination of heavy duty wear resistant materials, variable input drive power with wide enclosed impeller provides high flow capacities with sufficient power to pump heavy slurries, sands and gravels.

Our special high pressure double mechanical seal provides excellent integrity at deeper water depths.

Oil filled bearing housing for deep water applications.

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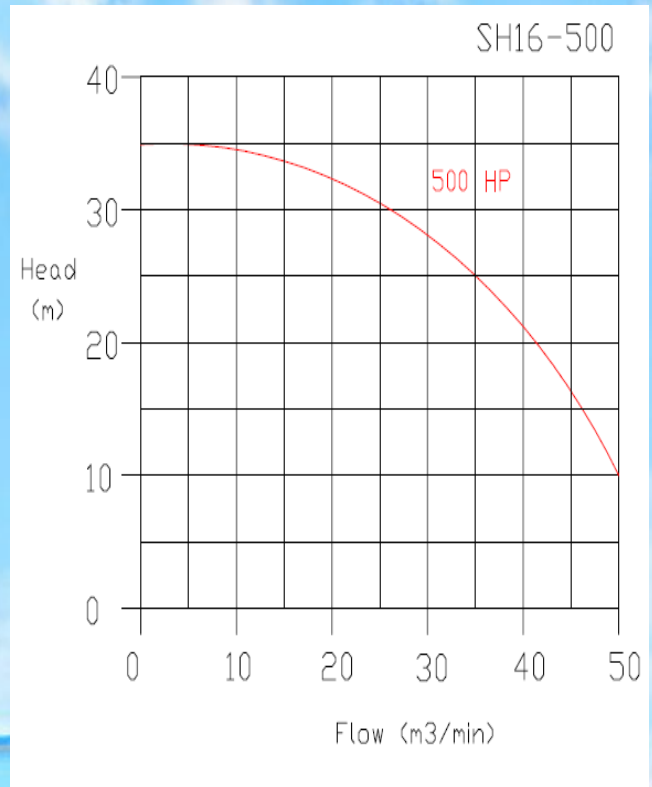
SH16-500

Specifications

Discharge Size	16" (400mm)
Power	500HP (370kw)
Capacity	35m³/min at 25m
Max Head	35m
Solids Size	120mm Diameter
Water Depth	80m
Weight	7,500 kgs
Hyd. Req.	850 Ltr/min at 350 bar

Materials

Casing	FCD550
Impeller	Hi-Chrome
Agitator	Hi-Chrome
Shaft	SCM435
Shaft Sleeves	SUJ 2



The main features of our heavy duty slurry pump is a heavy design of wear resistant casing and 28% HiCr impeller. Excellent combination of materials provides long term operation even in harsh abrasive slurries.

Featuring 5 level oil seal system and large compensators for deep water integrity.

Optional Accessories

Hydraulic Power Unit, Umbilical Power Spooler,
Cutter Head or side Excavator Attachments.

Heavy duty rubber delivery hoses, HDPE hoses, Floating Pipes.

Jetting water nozzle attachments, jetting pumps, hoses.

Lifting frame Options, excavator mounting plates.

SH12 & SH16



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