

HYDRAINER

THE SUBMERSIBLE PUMP COMPANY

SPECIALIST HIRE OF HYDRAULIC AND ELECTRIC SUBMERSIBLE PUMPS

100 CP 25 Chopper Pump



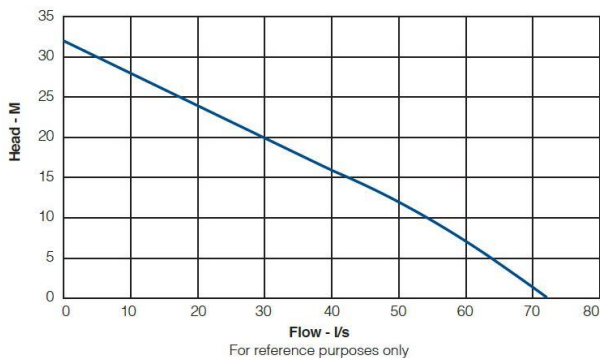
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|--------------------|---|-----------|
| Discharge Size | - | 100 mm |
| Solids Size | - | 50 mm |
| Weight | - | 130 kg |
| Height | - | 890 mm |
| Width (max.) | - | 775 mm |
| Max. Head | - | 32 m |
| Max. Output | - | 72 l/s |
| H.P. Nominal | - | 20 kw |
| Hydraulic Flow | - | 60 l/min |
| Hydraulic Pressure | - | 205 bar |
| Power Pack | - | 30 Series |

Construction

| | | |
|------------|---|---|
| Volute | - | GRADE 250 iron. |
| Impeller | - | SG iron. |
| Wear Plate | - | Adjustable mild steel with renewable steel wear face & incorporating 2 cutting edges. |
| Shaft Seal | - | Oil lubricated silicon carbide mechanical seal within metal bellows. |
| Shaft | - | EN57 stainless steel supported by robust oil lubricated bearings. |
| Motor | - | Gear motor incorporating Hydrainer high pressure shaft seal. |

Features

- Non-clog design by virtue of the chopping action of the sharpened impeller & cutting edges incorporated in the wear plate.
- Very high solids content is achieved without blocking the pump or discharge.
- Inherent mixing-the chopper design creates a mixing action thereby keeping the solids in suspension.
- Optional "breaker bar" breaks up larger solids, preventing blockages at the inlet.
- Simple construction, requires little maintenance.
- Safe, no risk of electric shock or explosion.
- Runs dry – mechanical shaft seal runs in an oil bath.
- Quiet, pump can be remote from power source.
- Spares & Service available through our national network.



Applications

Waste Disposal-pumping of rags, plastic bags, unscreened sewage.
Industrial-Tank cleaning, transfer of mill scale, paint sluges etc...
Food Waste-Processing of vegetable waste, bones, feathers & animal fleshings.
Sludge Transfer-Digester cleaning & recirculation.
Paper Mills-Pulp transfer.
Agriculture-Farm effluent.

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