

HYDRAINER

THE SUBMERSIBLE PUMP COMPANY

SPECIALIST HIRE OF HYDRAULIC AND ELECTRIC SUBMERSIBLE PUMPS

150 CP 25 Chopper Pump



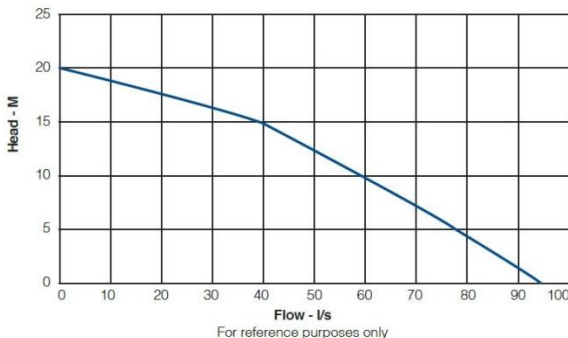
Discharge Size	-	150 mm
Solids Size	-	65 mm
Weight	-	140 kg
Height	-	1100 mm
Width (max.)	-	710 mm
Max. Head	-	20 m
Max. Output	-	94 l/s
H.P. Nominal	-	20 kw
Hydraulic Flow	-	60 l/min
Hydraulic Pressure	-	205 bar
Power Pack	-	30 Series

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.

Contact details: www.hydrainer.com

Head Office: 0114 248 4868

