

HYDRAINER

THE SUBMERSIBLE PUMP COMPANY

SPECIALIST HIRE OF HYDRAULIC AND ELECTRIC SUBMERSIBLE PUMPS

102 S Solids Handling Pump



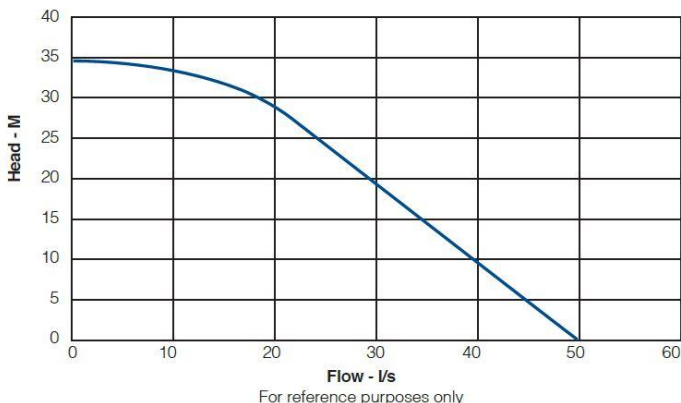
Discharge Size	-	100 mm
Solids Size	-	50 mm
Weight	-	59 kg
Height	-	600 mm
Width (max.)	-	470 mm
Max. Head	-	35 m
Max. Output	-	50 l/s
H.P. Nominal	-	10 kw
Hydraulic Flow	-	30 l/min
Hydraulic Pressure	-	205 bar
Power Pack	-	20 Series

Construction

Volute	-	GRADE 250 iron or heat treated aluminium LM25 alloy.
Impeller	-	Standard open two bladed impeller in GRADE 250 iron.
Wear Plate	-	Fully adjustable in GRADE 250 iron.
Shaft Seal	-	Oil lubricated silicon carbide mechanical seal.
Shaft	-	Stainless steel supported by robust oil lubricated bearings.
Motor	-	Gear motor incorporating HYDRAINER high pressure shaft seal.

Features

- High volume, high head, variable impeller speed.
- Easily portable.
- Simple construction, requires little maintenance.
- Safe, no risk of electric shock or explosion.
- Runs dry - oil lubricated mechanical shaft seal.
- Solids handling with adjustable wear plate to maintain peak performance.
- Quiet, pump can be remote from power source.
- Bauer quick release discharge as standard.
- Adjustable discharge, horizontal or vertical.
- Specialist impellers, base strainers, in-line adaptors for boosting etc.. available.
- Spares & Service available through our national network.



Applications

- Civil Engineering**-Coffer dams, caissons, river diversions.
- Quarries & Open Cast**-High suction lifts boosting applications.
- Mines & Tunnels**-Nuisance water & slurries.
- Sludges**-Sewage, oils and heavy media.
- Agriculture**-Drainage, irrigation and farm effluent.
- Emergency Pumping**-cellars, manholes & salvage.

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