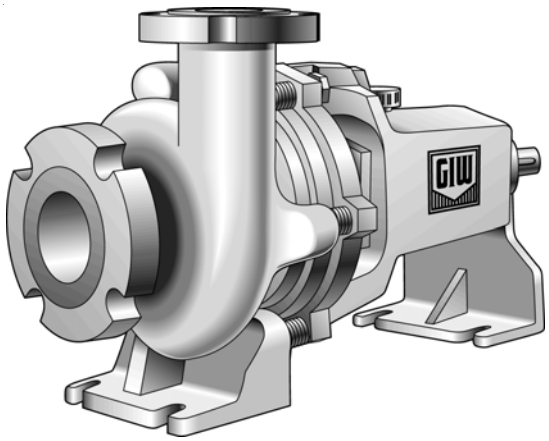
Product Introduction MEGA SLURRY

Application

The GIW Mega Slurry is a high-performance, low-maintenance slurry pump recommended for coarse or fine particles from solids laden waste water to aggressive slurries of an abrasive and/or corrosive nature. Consult factory for corrosive applications.

Design

Horizontal, end suction, modified volute casing pump includes three vane, open design impeller for large solids passage and good wear characteristics over a broad operating range. The single stage, compact arrangement allows easy maintenance of wet end components. The back pull-out design permits removal of the mechanical end without disturbing the wet end or piping.



Designation

MGS-M-40-125-A30- P

- Pump Type
- Hydraulic Type
- Discharge Nozzle DN in mm
- Nominal Impeller Diameter in mm
- Shaft Size
- Seal Type

Pressure, Free Passage & Temperature Limits

Seal Type	Maximum	Free Passage
Mega Slurry 40-125		
Packing	15.9 bar - 230 psi	19 mm - .75 in
Mechanical	10 bar - 145 psi	19 mm - .75 in

Rotation Direction: Clockwise as seen from drive end
Position of Discharge: Vertical only

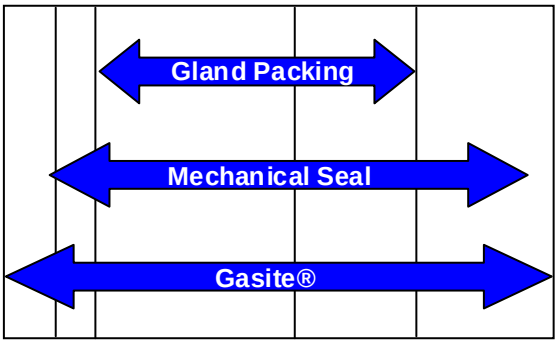
Hydraulic Type

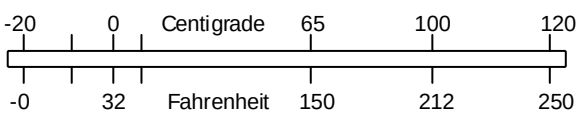
M.....Metal

Shaft Size - A30

Seal Type

P.....Packing
M.....Mechanical Seal





Operating Limits

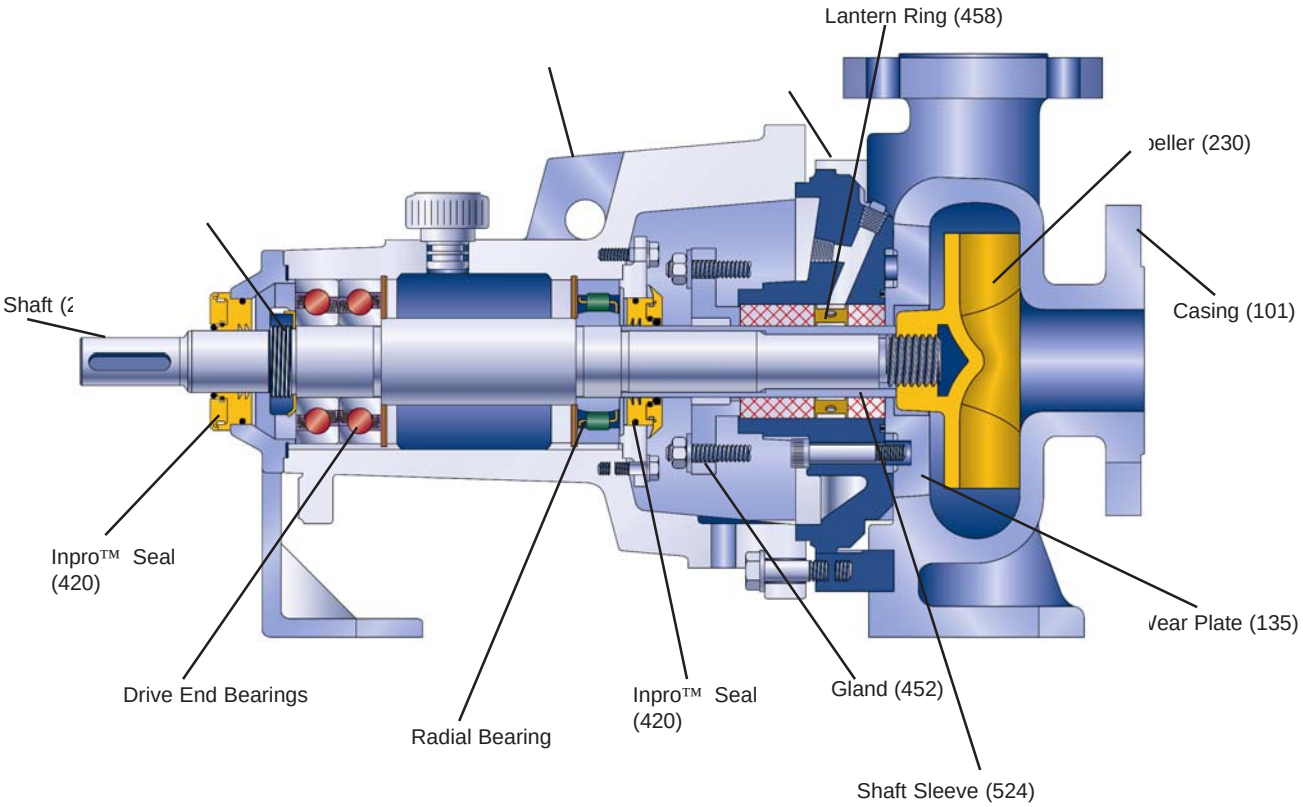
Pump Size	Discharge	40mm (1.5 in)
Capacity	Q max.	45m³/hr (200 gpm)
Head	H max.	30 m (100 ft)

1/1/2005

Materials

Part No.	Description	Standard Pump (M1)
101	Casing	Gasite 28G
135	Wear Plate	Gasite 28G
161	Casing Cover	Gray Iron 40C
210	Shaft	1045 Steel
230	Impeller	Gasite 28G
420	Inpro™ Seal	Bronze
350	Bearing Housing	Gray Iron 40C
452	Gland	Gray Iron 40C
458	Lantern Ring	Gray Iron 40C
524	Shaft Sleeve	Heat Treated Alloy
	Wet End Fasteners	Carbon Steel
	Lubrication	Oil

Several options are available. Please consult factory
**Mechanical seal option or special alloy*



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