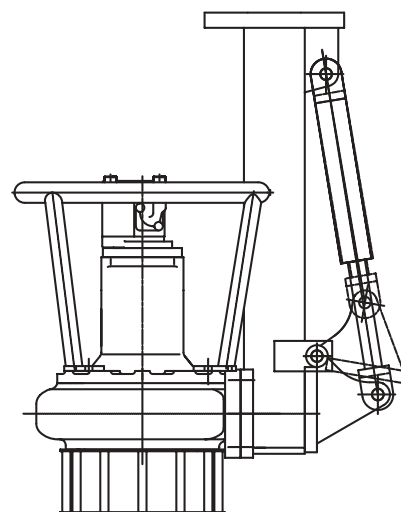
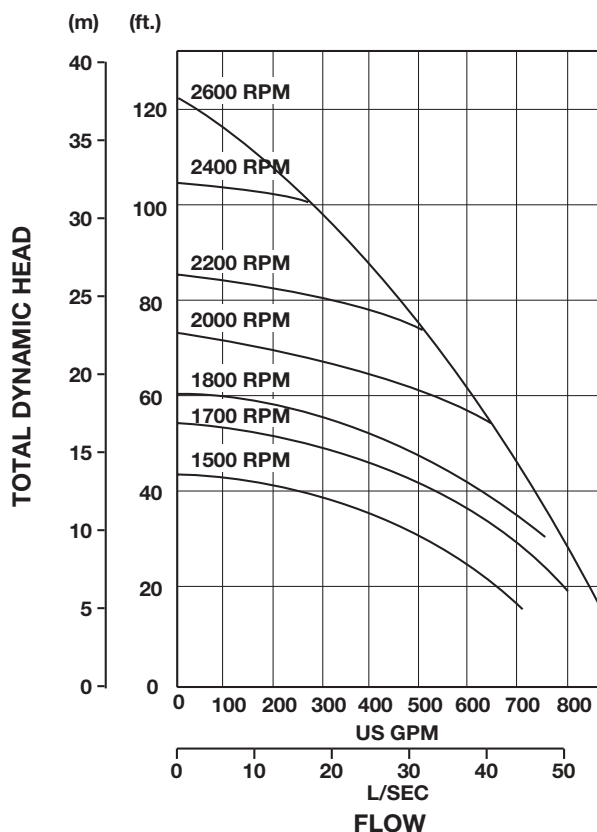


# Heidra® HS100SG Slurry Gate Hydraulic Submersible Trash/Sludge Pump



The Heidra HS100SG is a versatile, 4" (100mm) hydraulic submersible pump capable of passing solids up to 2" (50mm), stringy materials and slurries. A remotely-operated slurry gate allows the pump to act as a mixer, ideal for pumping thick, viscous, solids-laden sludges, such as those found in WWTP digesters, environmental clean-ups and API separators at refineries.

## Features

- Semi-open impeller will pass solids up to 2" (50mm) in diameter.
- Lightweight construction for ease-of-transportability.
- Oil bath mechanical seal for dry running capability.
- Variable speed.
- Safe hydraulic drive can be used where electric power is hazardous.
- Available in ductile iron and stainless steel. Aluminum available upon request.
- Operates with a variety of hydraulic power packs.

## Specifications

Weight .....	191 lb. (87 kg.)
Height .....	32.4" (824mm)
Width .....	28.7" x 16.5" (729mm x 420mm)
Discharge .....	4" (100mm) NPT (F)
Inlet .....	Flanged 4" (100mm) ASA 150
Solids Handling .....	2" (50mm)
Hose Ports .....	3/4" (19mm)
Pump Body .....	Cast Iron (Aluminum upon request)
Impeller .....	Cast Chromium Steel
Wearplate .....	Cast Iron
Shaft .....	Mild Steel
Hydraulic Oil .....	214-320 s.s.u. @ 100° F (32° C)
Input Flow .....	8.8 gpm / .56 l/sec. (Std.)
Operating Pressure .....	Max. 3350 psi (231 BAR)
Power Source .....	Any open center hydraulic system

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