

1721 Eastern Avenue, Suite 15, Sacramento, CA 95864
P (916) 481-9017 C (916) 798-4176 www.slurryengineering.com

Slurry Engineering Hydraulic Electric Power Pack/Submersible Pump

75 HP Electric at 1765 rpm, 460V 3-ph 86.4 amp full load
Rexroth Hydraulic Pump Model R902400347
Hydraulic Oil Reservoir Capacity – 180 gallons
Footprint 56" X 80"



Features

- Variable axial piston pump of swashplate design for hydrostatic drives in open circuits
- The flow is proportional to the drive speed and displacement.
- The flow is infinitely variable through adjustment of the swashplate angle.
- 2 case drain ports
- Good suction characteristics
- Permissible continuous pressure 280 bar
- Low noise level
- Long service life
- Axial and radial loading of drive shaft possible
- High power to weight ratio
- Wide range of controls
- Short response times
- The through drive is suitable to mount additional gear or piston pumps of up to the same displacement size, i.e. 100% through drive torque.

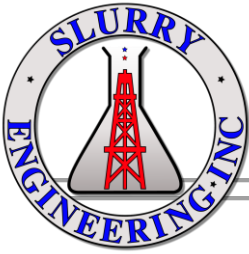
Axial piston variable pump
(A)A10VSO
(US-Version)

RA 92711-A/07.09 1/40
Replaces: 10.07

Data Sheet

Series 31
Size NG18 to 140
Nominal pressure 4000 psi (280 bar)
Maximum pressure 5100 psi (350 bar)
Open circuit

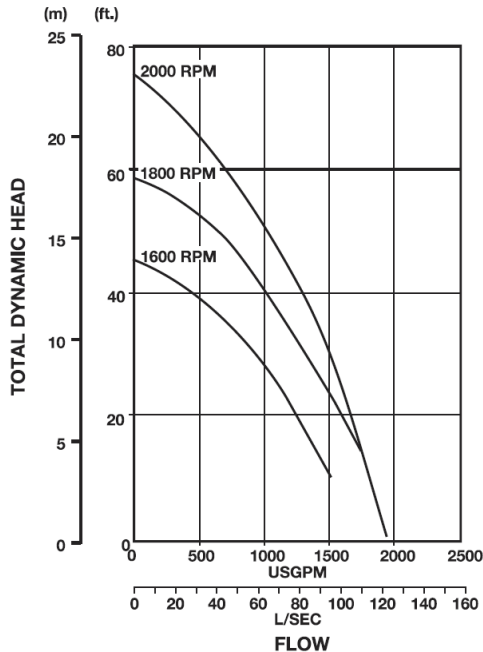




1721 Eastern Avenue, Suite 15, Sacramento, CA 95864
 P (916) 481-9017 C (916) 798-4176 www.slurryengineering.com

HEIDRA 150V

Heidra® 150V Vortex Hydraulic Submersible Trash/Sewage Pump



The Heidra 150V is a lightweight, compact 6" (150mm) hydraulic pump capable of passing large solids (up to 5"/125mm), stringy materials, and slurries with entrained gases. This pump is designed to pass through a standard 24" (610mm) manhole, making it ideal for sewer bypass applications.

Features

- Fully recessed vortex impeller — will pass solids up to 5" (125mm) in diameter.
- Lightweight for ease-of-portability.
- Oil bath mechanical seal for dry running capability.
- Variable speed.
- Wide range of performance.
- Can be bolted into a pipeline.
- 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	355 lb. (161.4 kg.)
Height	29" (737mm)
Diameter	25" (635mm)
Discharge	6" (150mm) NPT (F)
Inlet	6" (150mm) 125#
Solids Handling	5" (125mm)
Hose Ports	1" (25mm) SAE Straight Thread
Pump Body	Cast Iron
Impeller	Cast Chromium Steel
Wearplate	Cast Iron
Shaft	Medium Carbon Steel
Hydraulic Oil	214-320 s.s.u. @ 100° F (32° C)
Input Flow	15-30 gpm / .95-1.9 l/sec. (Std.)
Operating Pressure	Max, 3500 psi (241 BAR)
Power Source	Any open center hydraulic system