



Submersible Pump

Model HSV6A31-HYD

Size 6"

PUMP SPECIFICATIONS

- Casing:** Ductile Iron 65-45-12.
Maximum Operating Pressure 73 psi (503 kPa).*
- Impeller:** Six Vane Vortex, Stainless Steel CD4MCu.
Handles 5" (127 mm) Diameter Solids.
- Wear Plate:** Stainless Steel 304.
- Wear Ring:** Stainless Steel 304.
- Bearing Housing:** Ductile Iron 65-45-12.
- Hydraulic Motor Housing:** Gray Iron.
- Shaft:** Stainless Steel 17-4PH.
- Upper and Lower Bearings:** Open Single Row Ball.
- Bearing Lubrication:** SAE 30 Non-Detergent Oil.
- Discharge Flange:** Steel.
- O-Rings:** Buna-N.
- Wetted Hardware:** Stainless Steel 304.
- Standard Equipment:**
Strainer/Pump Mounting Stand.
Hoisting Bail.
Hydraulic Motor Input and Output Hoses. 1 Ft. (304,8 mm) long with 1.00" NPT Quick Disconnect Fittings.
Maximum Temperature of Liquid Pumped, 170°F (77°C).*



Optional Equipment:

- Hydraulic Power Unit (See Spec Sheet This Section).
- 1.00" (25,4mm) Hydraulic Hose w/Quick Disconnect Fittings.**
- * Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.

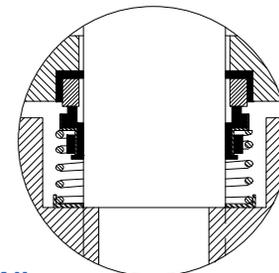
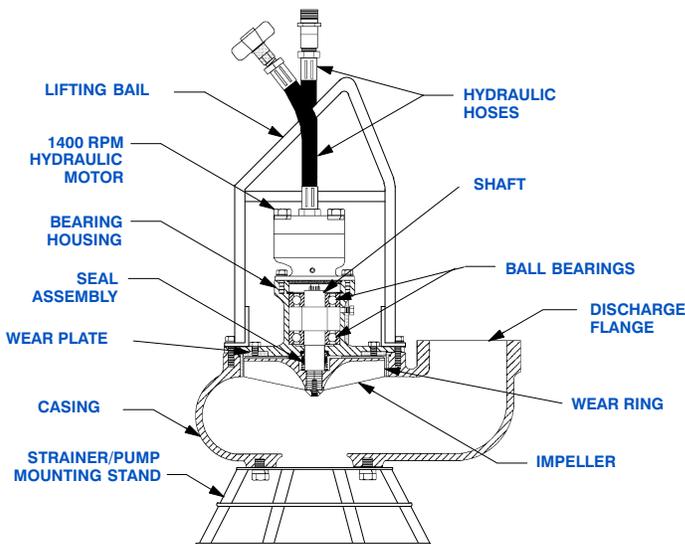
** Hydraulic Hose Available in 50 Foot (15,2 Meter) Increments: Maximum Recommended Length 150 Feet (45,7 Meters), Specify Length at Time of Order.

WARNING!

Do not use in explosive atmosphere or for pumping volatile flammable liquids.

HYDRAULIC MOTOR SPECIFICATIONS

- Hydraulic Motor:** Variable Speed Gear.
- Hose Ports:** 1.00" (25,4 mm) NPT.
- Operating Pressure:** Max. 2900 psi (19995 kPa).
- Hydraulic Oil:** 214-320 ssu @ 100°F (64°C).
- Input Flow:** Variable, 15-26 GPM (53-98 LPM).
- Power Source:** Any Open Center Hydraulic System.
- Minimum Power Requirement:** 60 H.P.



SEAL DETAIL

Mechanical, Oil Lubricated. Carbon Rotating Face, Ceramic Stationary Face. Buna-N Elastomers. Stainless Steel 304 Cage and Spring.



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Specifications Subject to Change Without Notice

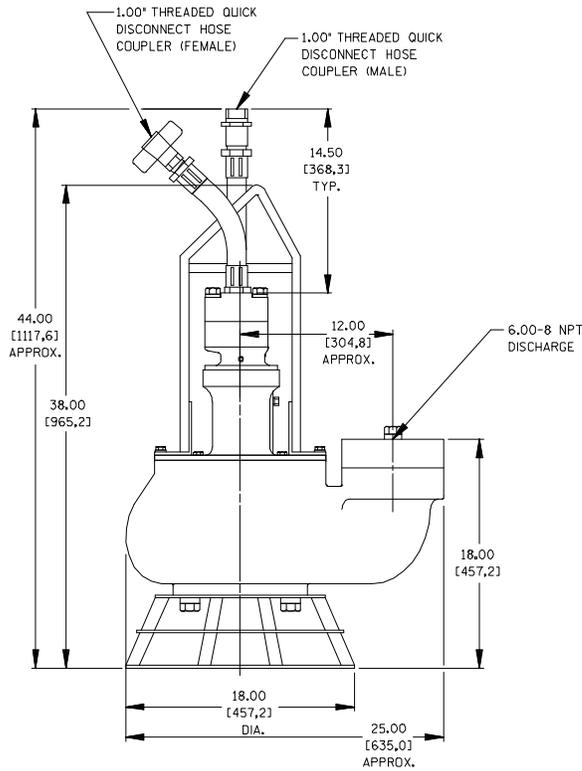
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Specification Data

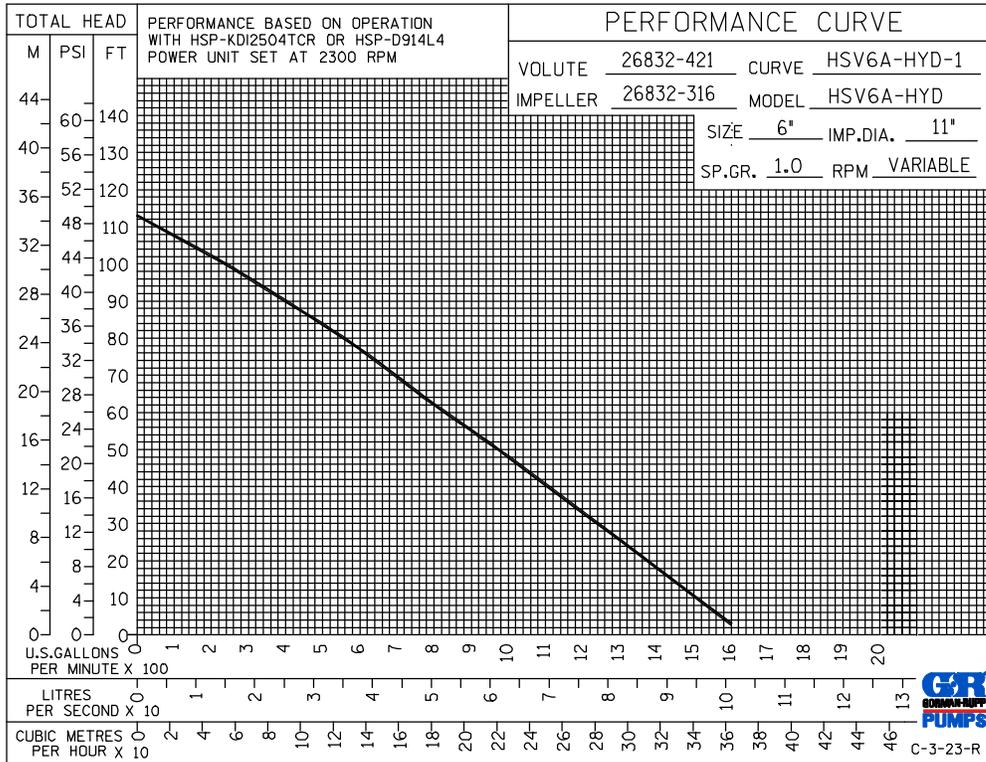
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APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 333 LBS. (151 KG.)
SHIPPING WEIGHT: 389 LBS. (176 KG.)
EXPORT CRATE: 14.4 CU. FT. (0,41 CU. M.)



DIMENSIONS:
INCHES
[MILLIMETERS]



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