



Submersible Pump Model HSV6B31-HYD Size 6"

PUMP SPECIFICATIONS

- Casing:** Ductile Iron 65-45-12.
Maximum Operating Pressure 35 psi (241 kPa).*
- Impeller:** Six Vane Vortex, Stainless Steel CD4MCu.
Handles 5" (127 mm) Diameter Solids.
- Wear Plate:** Steel ASTM A569.
- Wear Ring:** Steel ASTM A36.
- Bearing Housing:** Ductile Iron 65-45-12.
- Hydraulic Motor Housing:** Ductile Iron 65-45-12.
- Shaft:** Stainless Steel 17-4PH.
- Upper and Lower Bearings:** Open Single Row Ball.
- Bearing Lubrication:** SAE 30 Non-Detergent Oil.
- Discharge Flange:** Ductile Iron.
- O-Rings:** Buna-N.
- Wetted Hardware:** Stainless Steel 18-8.
- Standard Equipment:**
Strainer/Pump Mounting Stand.
Hoisting Bail.
Hydraulic Motor Input and Output Hoses. 1 Ft. (304,8mm) long with 1.00" NPT Quick Disconnect Fittings.
Maximum Temperature of Liquid Pumped, 170°F (77°C).*

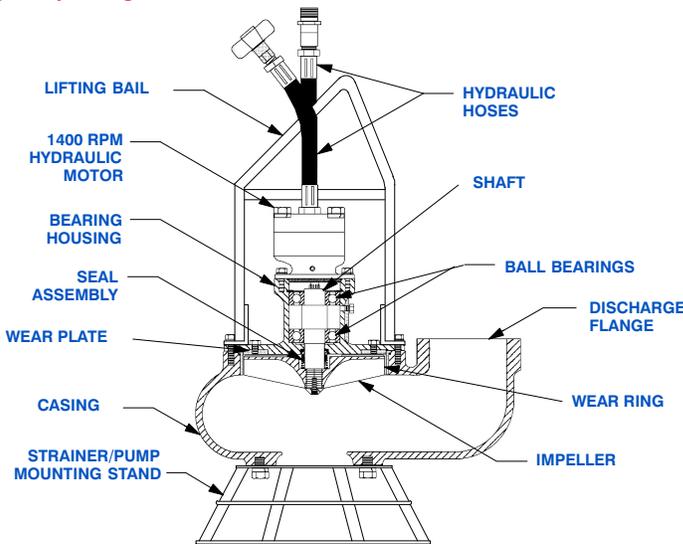


Optional Equipment:

- 1.00" (25,4mm) Hydraulic Hose w/Quick Disconnect Fittings.**

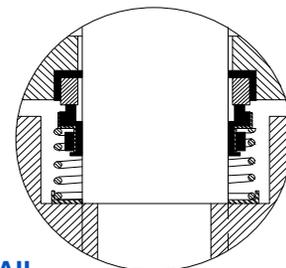
* Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.

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



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, 15-30 GPM (53-106 LPM).
- Power Source:** HSP-F4L or Any Open Center Hydraulic System with Flows of 15-30 GPM and Maximum Pressure of 2900 psi (19995 kPa).



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

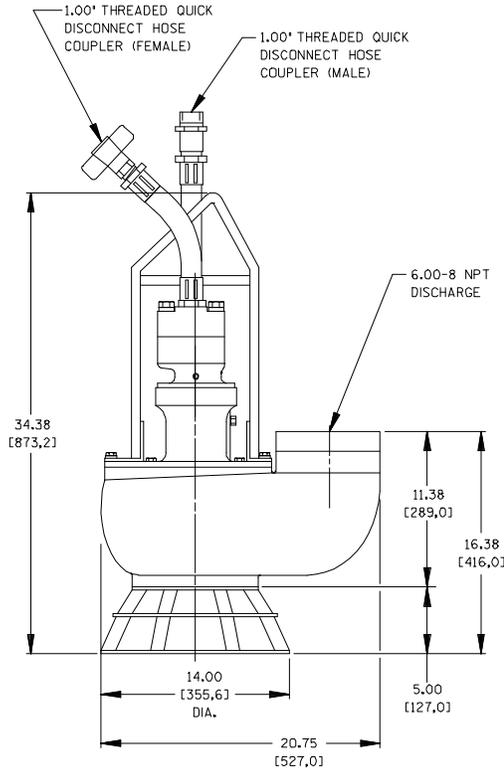
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Specification Data

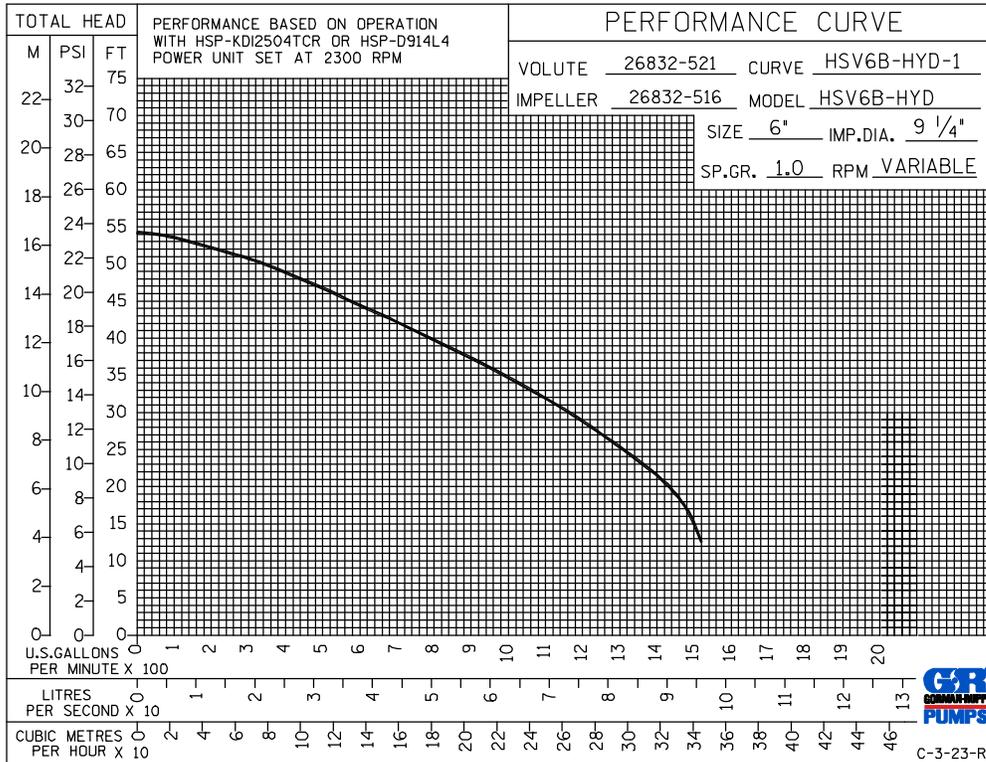
SECTION 140, PAGE 1050

APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 250 LBS. (113 KG.)
SHIPPING WEIGHT: 288 LBS. (131 KG.)
EXPORT CRATE: 14.4 CU. FT. (0,41 CU. M.)



DIMENSIONS:
INCHES
[MILLIMETERS]



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