



6" Rotary Pump  
Model W6RSS-P404D22 Super Silent  
Size 6" Rotary Pump

Holland® Pump Company  
Corporate Office: 2610 Sidney Lanier Drive  
Brunswick, Georgia 31525  
Phone 912-466-0304  
1-888-997-PUMP  
www.hollandpump.com

## PUMP SPECIFICATIONS

**Size:** 6" Rotary Pump

**Pump:** LobePro CM100, iron casing and smooth end cover

**Solids:** Handles up to 1.5" compressible solids

**Rated Capacities:** 0 - 600 GPM

**Displacement:** 100 US gallons per 100 revolutions

**Working Pressure:** to 70 psi

**Flange Connections:** Flange connections included

**Rated Speed:** 0 - 600 RPM. Consult factory for recommended operating speeds

**Rotors in:** Helix four wing rotors, FKM standard, other materials available on request

**Wet-Ends:** Standard in Gray Cast Iron

**Driveshaft:** Nominal 42mm diameter driveshaft with 8mm x 12mm keyway

**Shaft Material:** Alloy Steel, AISI 4140

**Gear Material:** AGMA Class 9, SAE 1045

**Approx. Weight:** 305 lbs. (138.3 kg)

**Top and Bottom Housing Segments:** 316L Stainless Steel.

**Optional Equipment:** Site or DOT highway trailer, automatic remote start and stop controller

### SOUND ENCLOSURE SPECIFICATIONS

**Sound Level:** Holland Pump Supersilent pump units are tested for Sound Level using the Contractors Pump Bureau Sound Level Measurement Standard for Pump Units using a calibrated Sound Level Meter. This procedure produces an average Sound Level based on eight measurements under strict conditions of pump placement. They are tested at full RPM pumping water. The sound Level result for the W6RSS-SS is 65 dBA @ 23 feet.

**Enclosure:** Steel construction, removable for ease of maintenance.

Stainless steel accessories including bolt on, lift off hinges.

**Base:** Environmentally safe spill containment type base

**Lifting Access:** External lifting bail, integral forklift pockets

## GEAR SPECIFICATIONS

PTO gear reduction: RM45 Twindisc, 5:1

## ENGINE SPECIFICATIONS

**Model:** Perkins, 400 Series, 404D-22, Tier 3

**Type:** 4 Cylinder, 4 Stroke, Naturally Aspirated, Liquid Cooled Diesel Engine

**Displacement:** 2.2L (134 cu.in.)

**Governor:** Mechanical

**Lubrication:** Forced Circulation

**Air Cleaner:** Dry Type with Replaceable Element

**Lube Oil Capacity:** 2.8 U.S. gal (10.6 L)

**Coolant Capacity:** 1.84 U.S. gal (6.98 L)

**Fuel Tank:** 110 U.S. Gallon Capacity (#2 Diesel Fuel)

**Approximate Fuel Consumption:** 9.1L (2.4 Gallons) per hour @ 2100 RPM

**Starter:** 12 Volt, 1.1 kW

**Standard Features:** SAE Flywheel Housing, SAE Flywheel, Standard Instrument Panel: Engine Temperature and Low Oil Pressure with optional Gauge, Key Start, and Hour Meter

**Optional Features:** Site or DOT Highway Trailer, Automatic Remote Start/Stop, HANS (Holland Automatic Notification System), NEMA 4 Instrument Package Covering: Air Filter, Fuel Filter, Engine Temperature, Fuel Level, Engine Oil Pressure, Hour Meter, Amp Meter, Low Vacuum Shutdown

**Perkins Published Performance:** 51 BHP (38 KW) @ 3000 RPM



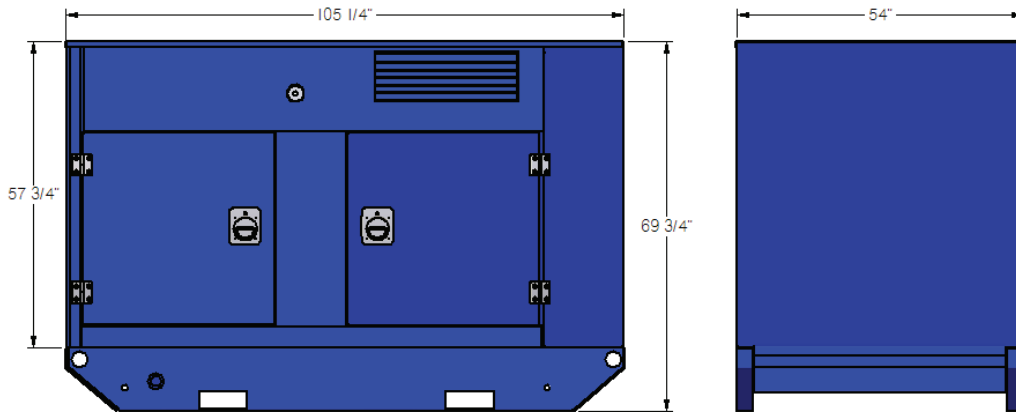
© Copyright by Holland Pump Company 2011

**6" Rotary Pump**  
**Model W6RSS-P404D22 Super Silent**  
**Size 6" Rotary Pump**

Holland® Pump Company  
Corporate Office: 2610 Sidney Lanier Drive  
Brunswick, Georgia 31525  
Phone 912-466-0304  
1-888-997-PUMP  
[www.hollandpump.com](http://www.hollandpump.com)

Approximate Dimensions

Powered by Perkins 404D-22 Diesel Engine  
Approx. Gross Weight: 4100 lbs.



Performance Curve Model: W6R-P404D22  
Size: 6" Rotary Pump

**Performance Curve**

