



6" Rotary Pump
Model W6R - 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 GM100, Class 30 gray cast iron casing and smooth end over

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, NBR 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: ASTM A48 Class 30 gray cast iron coated with ceramic epoxy; options include
Ryton® and Tungsten Carbide. Segments adjustable based on wear.

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 W6R-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



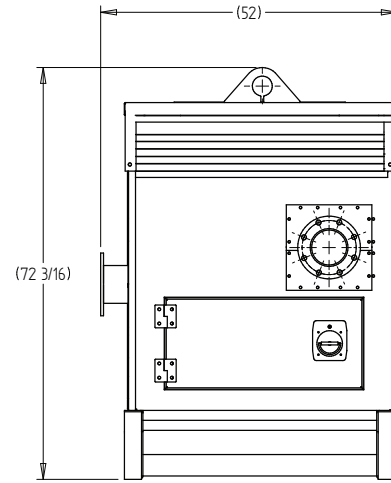
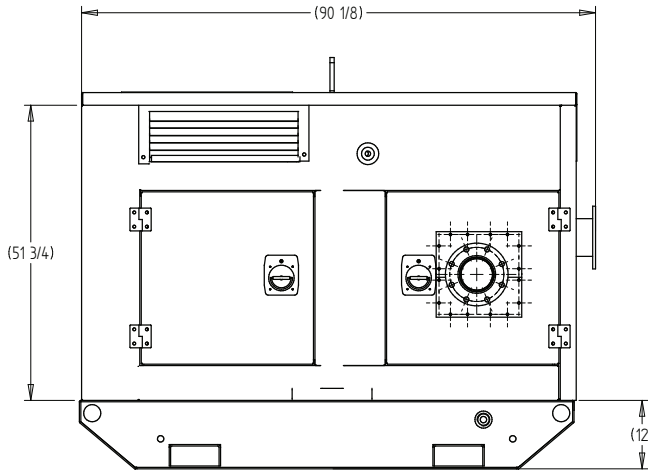
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Approximate Dimensions

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



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

Performance Curve

