



12" (300mm) Rotary Wellpoint Pump Model
W12R-854F.E34T SuperSilent

Holland Pump Company
Corporate Office: 7312 Westport Place
West Palm Beach, FL 33413
USA
1-800-451-0769
www.hollandpump.com

PUMP SPECIFICATIONS

Size: 12" (300mm) Rotary Wellpoint Pump

Pump: LobePro SL531, Class 30 gray cast iron casing and smooth end cover

Solids: Handles up to 2.5" compressible soft solids

Rated Capacities: 2656 GPM (355 CFM) @ 500 RPM

Displacement: 531 US gallons per 100 revolutions

Working Pressure: to 87 psi

Flange Connections: 10" Flat Face ANSI, 150 lbs.

Flange connections included

Rated Speed: 0 - 500 RPM. Consult factory for recommended operating speeds

Rotors in: Helix three wing rotors, NBR standard, other materials available on request

Wet-Ends: Standard in Gray Cast Iron

Shaft Material: Alloy Steel, AISI 4140

Rear Door: Contains 2 bearings and two mechanical seals to prevent shaft deflection. The door is readily removable for changing lobes, mechanical sea cartridges and wear plate.

Gear Material: AGMA Class 8, SAE 1045

Mechanical Seals: Duronit vs. Duronit cartridge seal

Vibration: Pumps and motors operate at any point within their operating range without undue noise and vibration

Top and Bottom Housing Segments: ASTM A48 Class 30 gray cast iron coated with ceramic epoxy for wear resistance; options include Ryton® and Tungsten Carbide. Segments adjustable based on wear.

Optional Equipment: Site or DOT highway trailer, automatic oiler system to add engine makeup oil as required with low oil shutdown, Holland Automatic Notification System (HANS) with low vacuum shutdown system (LOV), 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 W12R-SS is 67 dBA @ 23 feet.

Enclosure: Aluminum 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 3.66 to 1

ENGINE SPECIFICATIONS

Model: Perkins 854F.E34T Tier 4 Final Or Approved Alternate

Type: 4 Cylinder, 4 Stroke, Turbocharged, Liquid Cooled Diesel Engine

Displacement: 3.6L (207.5 cu.in.)

Governor: Electronic

Compression Ratio: 17:1

Lubrications: Forced Circulation

Air Cleaner: Dry Type with Replaceable Element

Lube Oil Capacity: 2.4 U.S. Gallons (9L)

Coolant Capacity: 3.4 U.S. Gallons (13L)

Fuel Tank: Integral 114 U.S. Gallon Capacity (#2 Diesel Fuel)

Full Load Operating Time: 60 Hours Minimum @ 2000 PSI

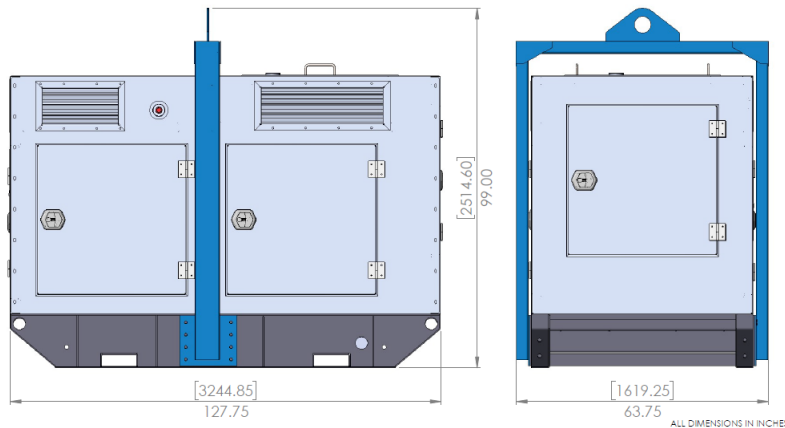
Starter: 12 Volt, 2.0 kW

Standard Features: Cast Iron Engine Block, SAE 10" Flywheel and SAE 3 Flywheel Housing, Ecoplus Oil and Fuel Filters, Glow Plug Starting Aid, Integral Inlet and Manifold, Gear Driven Coolant Pump, Cast Iron Exhaust Manifold with Center Side Outlet, 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 and 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, Hydraulic Oil Pressure

Specifications subject to change without notice

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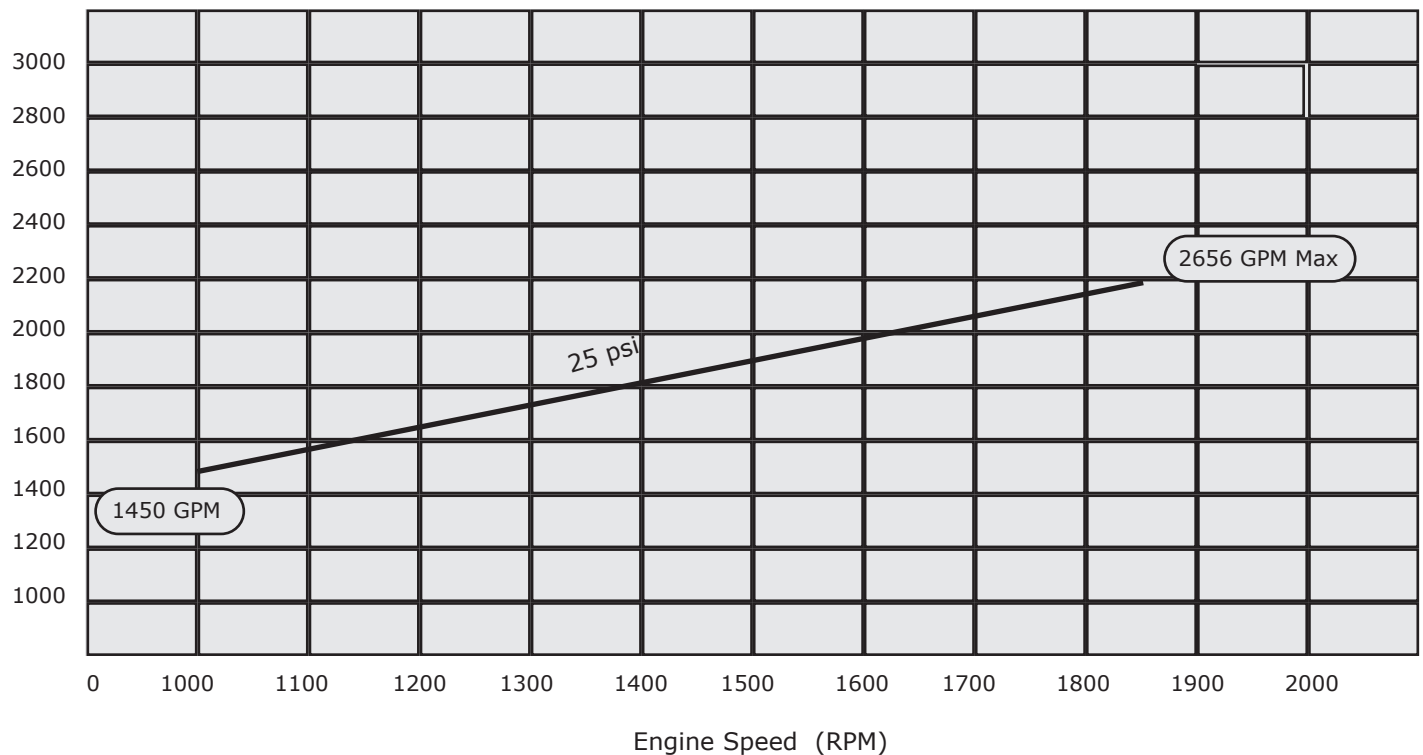
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	Skid Base
Net Weight (lbs)	5300
Shipping Weight (lbs)	5450
Export Crate Size (cu. ft)	285

Performance Curve Model: W12R-854F.E34T
Size: 12" (300mm) Rotary Wellpoint Pump

U.S. Gallons
Per Minute (GPM)



The above curve is based on pumping clear water at 62 degrees
with no lift required and no restrictions in the discharge.