



12" Rotary Pump  
Model W12R - E60  
Size: 12" Rotary Pump

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

## PUMP SPECIFICATIONS

**Pump Model:** LobePro GL531d

**Solids:** Handles up to 2.5" compressible soft solids

**Rated Capacities:** 0 - 2656 GPM @ 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 four wing rotors, NBR standard, other materials available on request

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

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

**Gear Material:** AGMA Class 8, SAE 1045

**Mechanical Seals:** 4 Duronit vs. Duronit cartridge seals

**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.

**Approx. Skid Base weight (lbs.):** 3600

**Sound Level:** Holland Pump 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-E60 is 60 dBA @ 23 feet.

## GEAR SPECIFICATIONS

**Type:** Gear motor

**Gear Ratio:** 3.72

## ELECTRIC SPECIFICATIONS

**Type:** Baldor

**Motor power:** 60 hp

**Input/Output speed:** 1770/473 rpm

**Output torque:** 8,000 lb-in

**Service factor:** 2.2

**Ratio:** 3.72

**Mode of operation:** Cont.-S1

**Insulation class:** F

**Enclosure:** TE-IP55

**Voltage:** 460V, 60 Hz

**Rated current:** 85

**Output shaft:** Diameter = 2.500 inch.; Length = 5.00 inch

**Weight appr.:** 1,000 pounds without options

**Lubricant:** Synthetic Oil ISO VG220, ca. 6.87 quarts

**Paint coatings:** Stainless steel paint

**Gear design:** Foot mounted (B3)

**Gear box options:** Quadrilip seals

**Motor options:** CUS: UL/CSA-standard, HE: Energy efficient motor

**Optional Features:** Electric control systems, Pump monitoring and shutdown

## BASE

Fabricated Steel base, primed and painted

**Warranty:** One year 100% standard warranty. Our warranty covers parts and labor, including wear for a period of 12 months.

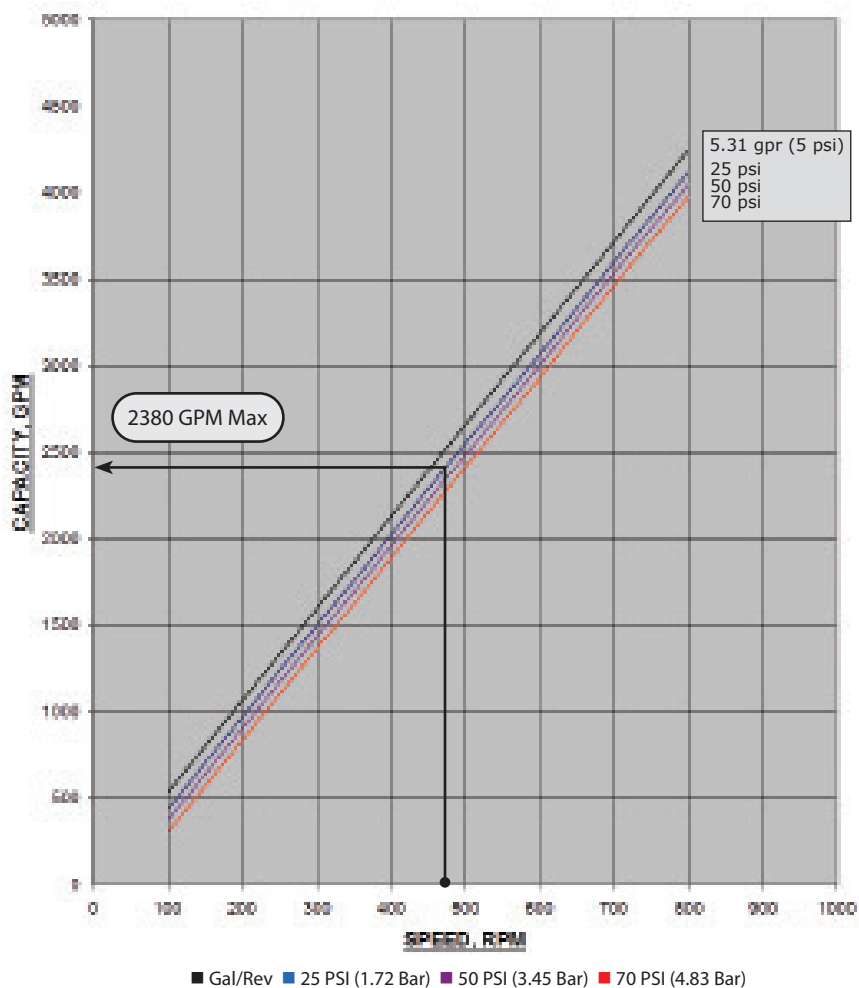


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Max operating pressure: 87 psi  
(not allowed for continuous operation)

**LobePro GL531d Performance Curve**



**LobePro GL531d Horsepower Requirement**

