



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

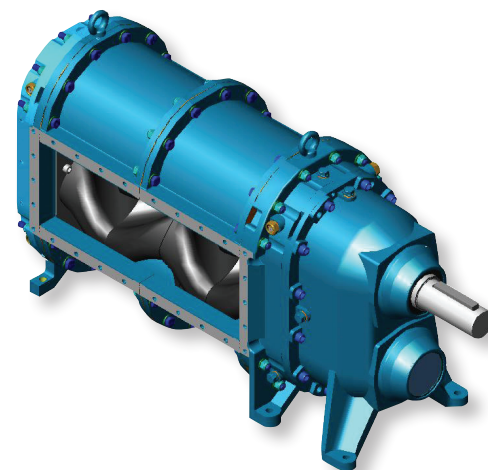
Lubricant: Synthetic Oil ISO VG220, ca. 6.87 quarts

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



GL531d Rotary Pump

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.

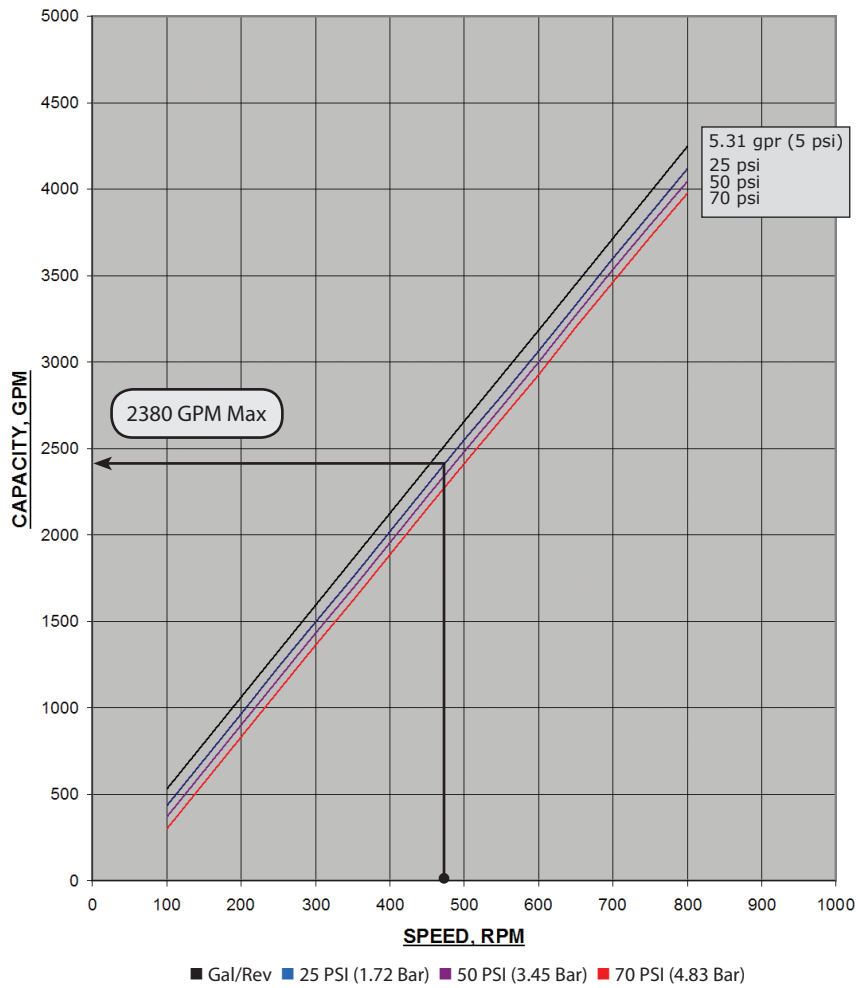


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Max operating pressure: 87 psi
 (not allowed for continuous operation)

LobePro GL531d Performance Curve



LobePro GL531d Horsepower Requirement

