

Gasoline Engine Driven



Self Priming Centrifugal Pump

Models 12D-GX160 and 12D1-GX160

Size 2" x 2"



| Total Head | | Capacity Of Pump In U.S. Gallons Per Minute (GPM) At Continuous Performance | | | | |
|---------------------|------|---|------------|------------|------------|-----------|
| P.S.I. | Feet | | | | | |
| 46.0 | 106 | 46 | 46 | 46 | 46 | 46 |
| 43.3 | 100 | 64 | 64 | 64 | 64 | 64 |
| 39.0 | 90 | 76 | 92 | 92 | 92 | 92 |
| 34.7 | 80 | 81 | 104 | 120 | 120 | 120 |
| 30.3 | 70 | 82 | 109 | 130 | 142 | 143 |
| 26.0 | 60 | 82 | 110 | 132 | 152 | 161 |
| 21.7 | 50 | 82 | 110 | 132 | 154 | 173 |
| 17.3 | 40 | 82 | 110 | 133 | 155 | 178 |
| 13.0 | 30 | 83 | 110 | 133 | 155 | 180 |
| Suction Lift | | 25' | 20' | 15' | 10' | 5' |



PUMP SPECIFICATIONS

- Size:** 2" x 2" (51 mm x 51 mm) NPT - Female.
- Casing:** Aluminum Alloy 356-T6 w/Gray Iron 30 Cutwater Insert. Maximum Operating Pressure 76 psi (524 kPa).*
- Semi-Open Type, Two Vane Impeller:** Ductile Iron 65-45-12. Handles 1 3/16" (30,2 mm) Diameter Spherical Solids.
- Replaceable Wear Plate:** Carbon Steel ASTM A36.
- Removable Cover Plate:** Aluminum Alloy 356-T6; 4 lbs. (1,8 kg).
- Intermediate Bracket:** Gray Iron 30.

- Seal:**
 - (12D)** Double, Grease-Lubricated w/Spring-Loaded Grease Cup. Sintered Bronze Stationary Seal Seats. Steel Rotating Faces. Neoprene Packing Rings. Maximum Temperature of Liquid Pumped, 110°F (43°C). Maximum Suction Pressure 10 psi (69 kPa).*
 - (12D1)** Type 31, Mechanical, Self-Lubricated. Silicon Carbide Rotating and Stationary Faces. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 316 Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).*

- Seal Liner:** (12D) Copper Alloy C26000.
- Shaft Sleeve:** (12D1) 304 Stainless Steel.
- Flap Valve:** Buna-N with Nylon Reinforcement; Gray Iron 30 and Sintered Powered Steel 35.
- Suction Flange:** Aluminum Alloy 356-T6.
- Gaskets:** Cork with Nitrile Binder (NC710) and Vegetable Fiber.
- Hardware:** Standard Plated Steel.
- Roll Cage with Rubber Feet.**
- 90° Discharge Elbow.**
- Strainer.**

Optional Equipment: Wheel Kit w/Semi-Pneumatic Tires.

**Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*

WARNING!

Do not use in explosive atmosphere or for pumping volatile flammable liquids.

ENGINE SPECIFICATIONS

- Model:** Honda GX160.
- Type:** Single Cylinder, Four Cycle, Air Cooled, Overhead Valve, Gasoline Engine.
- Displacement:** 9.9 Cu. In. (163 cc).
- Carburetor:** Horizontal Type.
- Lubrication:** Splash System.
- Air Cleaner:** Dual Element, Dry Type.
- Fuel Tank:** 3.8 U.S. Qts. (3,6 liter).
- Full Load Operating Time:** 2.0 Hrs.
- Starter:** Rope Rewind.

Standard Features: Muffler w/Guard. Manual Rotary Stop Switch. Manual Choke and Throttle Control w/Top Speed Limit. "Oil Alert"™ Low Oil Shut Down. Transistorized Magneto Ignition.



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

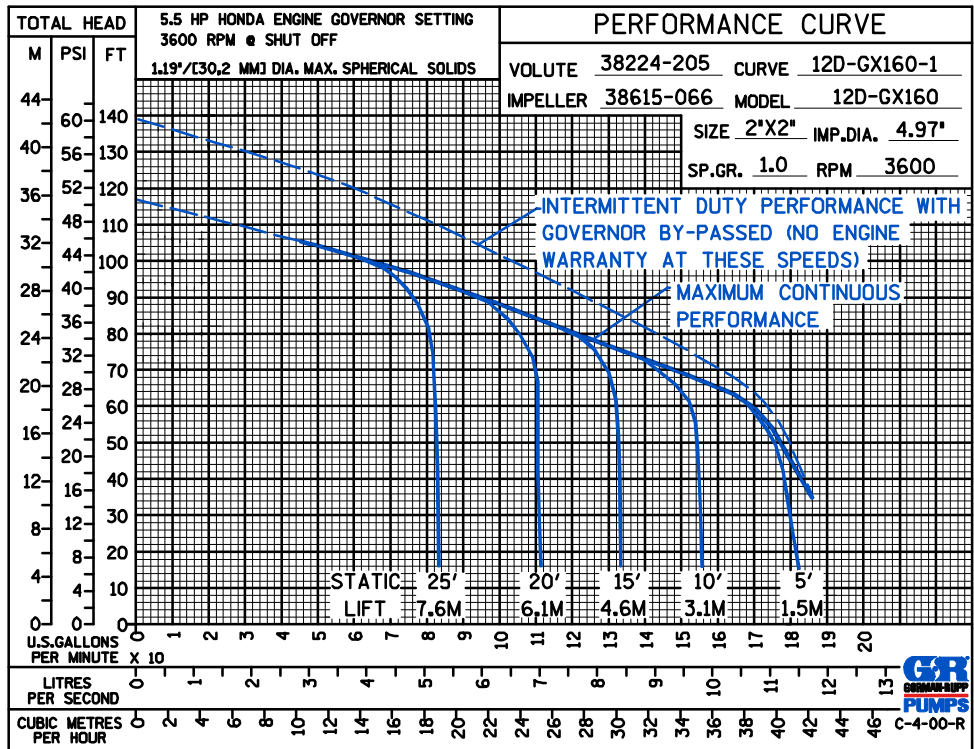
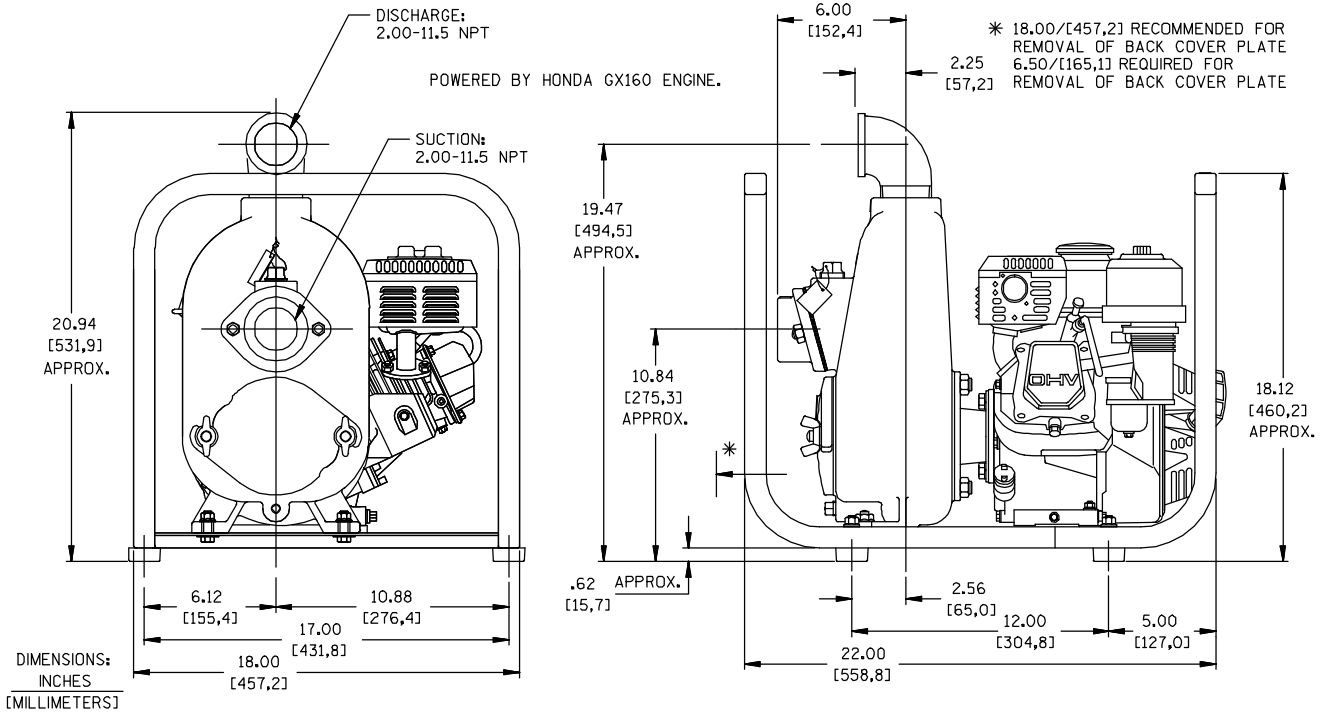
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Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT: 85 LBS. (39 KG.)
 SHIPPING WEIGHT: 95 LBS. (43 KG.)
 EXPORT CRATE: 5.6 CU. FT. (0,16 CU. M.)
 WHEEL KIT ADD 25 LBS. (11,3 KG.)
 SHIPPING CRATE (SEPARATE) 3 CU. FT. (0,1 CU. M.)



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