



Self Priming Centrifugal Pumps

Models

12E1-GX160 and 12E1-1B20

Size 2" x 2"

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PUMP SPECIFICATIONS

- Size:** 2" x 2" (51 mm x 51 mm) NPT - Male.
Casing: Powder Coated Aluminum Alloy 380.
 Maximum Operating Pressure 82 psi (565 kPa).
Semi-Open Type, Two Vane Impeller: Gray Iron 30.
 Handles 1 1/4" (31,7 mm) Diameter Spherical Solids.
Volute Scroll: Gray Iron 30.
Seal: Mechanical, Self-Lubricated. Silicon Carbide Rotating and Stationary Faces. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).
Shaft Sleeve: Stainless Steel.
Flap Valve: EPDM.
Flanges: Gray Iron 30.
O-Rings: EPDM.
Fill/Drain Plugs: Plastic.
Internal Wetted Hardware: Stainless Steel.
External Hardware: Standard Plated Steel.
Standard Equipment: Strainer. Roll Cage w/Rubber Feet.
Optional Equipment: Wheel Kit w/Semi-Pneumatic Tires. High Pressure Hose Kit.

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

HONDA GASOLINE 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.
Fuel Tank: 0.95 U.S. Gal. (3,6 Liters).
Full Load Operating Time: 2.0 Hrs.
Starter: Rope Rewind.
Standard Equipment: Muffler w/Guard. Manual Rotary Stop Switch. Manual Choke and Throttle Control. "Oil Alert"™ Low Oil Shut Down. Transistorized Magneto Ignition.



12E1-GX160 SHOWN



HATZ DIESEL ENGINE SPECIFICATIONS

- Model:** Hatz 1B20.
EPA Tier: Tier 4.
Type: Single Cylinder, Four Cycle, Air Cooled, Diesel Engine.
Displacement: 14.8 Cu. In. (243 cc).
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Fuel Tank: 0.79 U.S. Gal. (3,0 Liters).
Full Load Operating Time: 2.7 Hours.
Starter: Rope Rewind.
Standard Equipment: Exhaust Silencer Muffler w/Guard. 90° Exhaust Deflector. Hand Throttle and Stop Control.

HATZ PUBLISHED PERFORMANCE:

Maximum Intermittent Net B.H.P.
4.6 (3,4 kW) @ 3600 RPM



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

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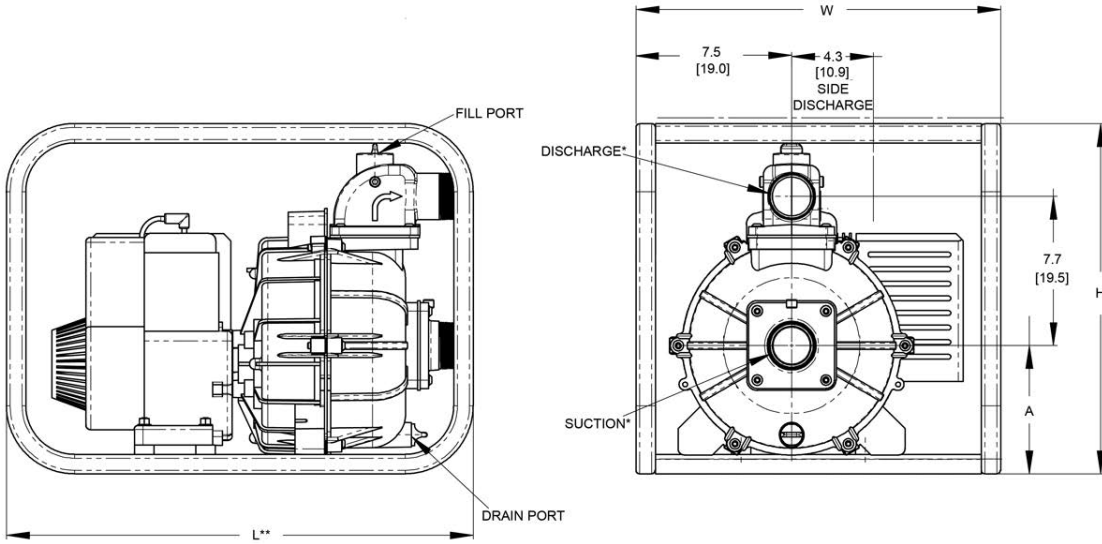
Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

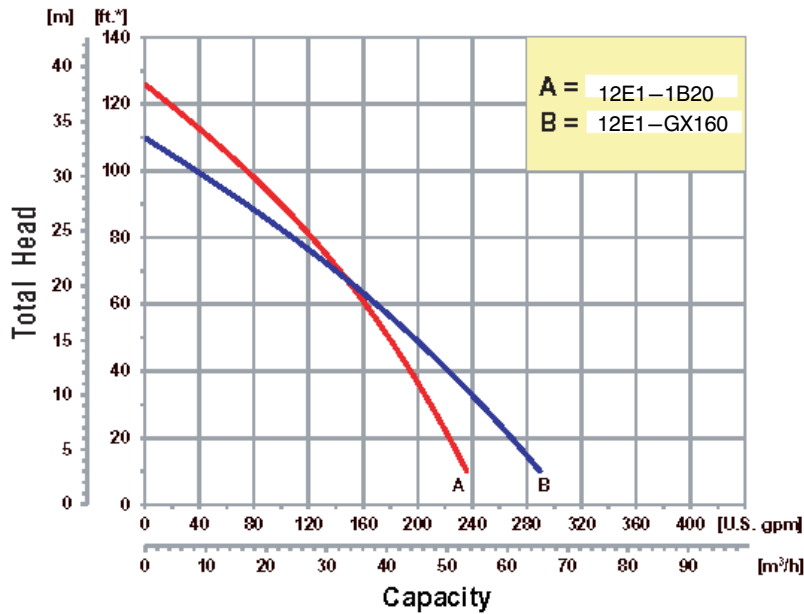
SHIPPING WEIGHT:

12E1-GX160: 90 LBS. (41 KG.)
 12E1-1B20: 115 LBS. (52KG.)
 WHEEL KIT ADD 25 LBS. (11.3 KG.); SHIPPING CRATE (SEPARATE) 3 CU. FT. (0,1 CU. M.)



DIMENSIONS				
Model	A	L	W	H
12E1-GX160	7.4 (18,7)	24.0 (60,9)	19.5 (49,5)	19.9 (50,5)
12E1-1B20	7.9 (20,0)	24.0 (60,9)	19.5 (49,5)	19.9 (50,5)

Performance of Engine Driven Self-Priming Trash Pumps



(*) Convert to psi, divide by 2.31 Liquid - Water specific gravity 1.0



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