

Self Priming Centrifugal Pumps



Models
12E1-GX160 and 12E1-1B20

Size 2" x 2"



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.*



12E1-GX160 SHOWN



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.

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

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Specifications Subject to Change Without Notice

Printed in U.S.A.

Specification Data

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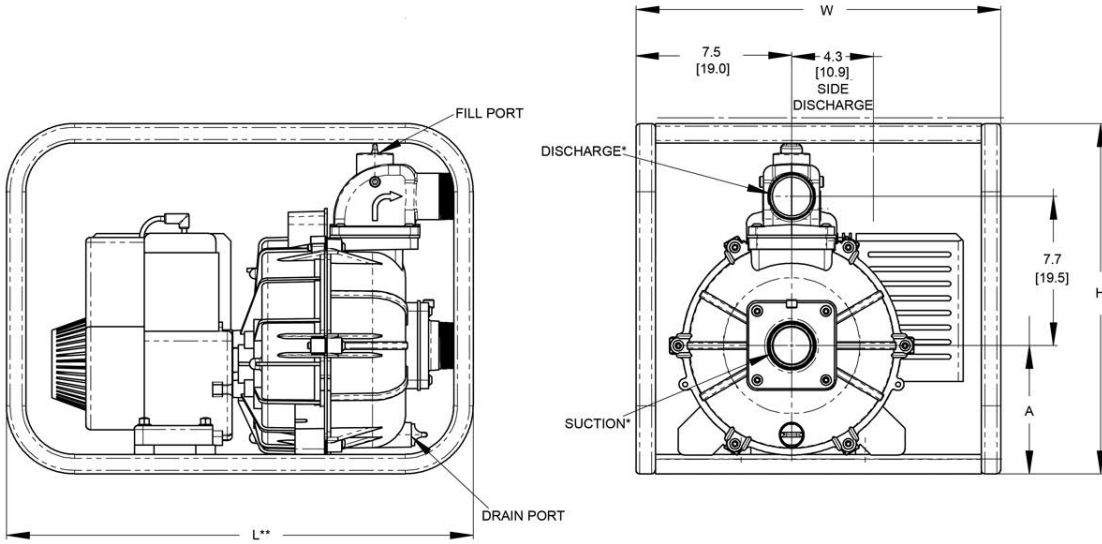
APPROXIMATE DIMENSIONS and WEIGHTS

SHIPPING WEIGHT:

12E1-GX160: 90 LBS. (41 KG.)

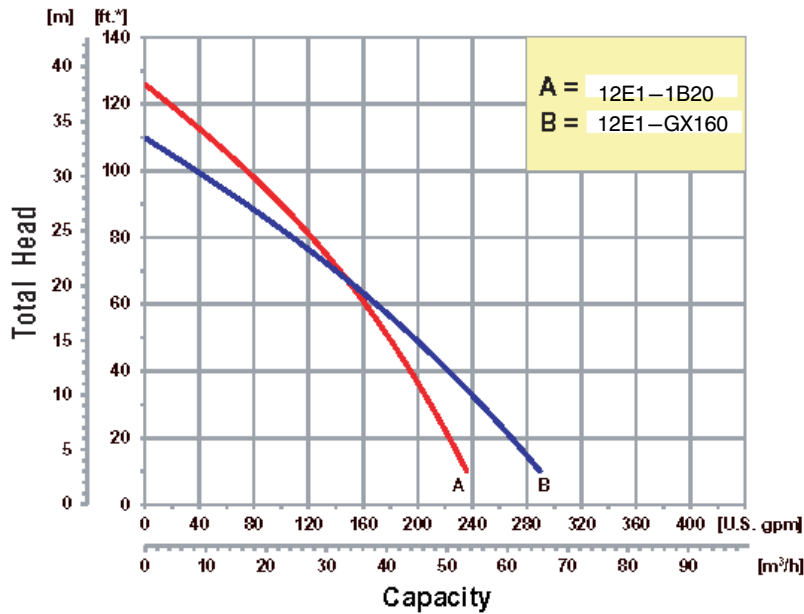
12E1-1B20: 115 LBS. (52KG.)

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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