



Diesel Engine Driven Self Priming Centrifugal Pump

Model 82D1-1B30 FT4-X



Size 2" x 2"

Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
46.4	107	34	34	34	34
43.4	100	60	68	68	68
34.7	80	80	105	112	112
26.0	60	94	115	130	140
17.3	40	97	118	132	152
8.7	20	98	120	134	155
Suction Lift		20'	15'	10'	5'

PHOTO NOT AVAILABLE AT TIME OF PUBLISHING

PUMP SPECIFICATIONS

- Size:** 2" x 2" (51 mm x 51 mm) NPT - Female.
- Casing:** Aluminum 356-T6 with Gray Iron 30 Cutwater Insert.
Maximum Operating Pressure 70 psi (4 kPa).*
- Semi-Open Type, Three Vane Impeller:** Aluminum 356-T6.
Handles 5/8" (15,8 mm) Diameter Spherical Solids.
- Replaceable Wear Plate:** Carbon Steel ASTM A36.
- Intermediate Bracket:** Gray Iron 30.
- Seal:** Type 21, Mechanical, Self-Lubricated. Carbon Rotating Face. Ni-Resist Stationary Face. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).*
- Shaft Sleeve:** Stainless Steel 304.
- Flap Valve:** Buna-N ^{w/}Nylon Reinforcement, Gray Iron 30 and Sintered Powdered Steel.
- Flange:** Gray Iron 30.
- Gaskets:** 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!

This unit is designed to handle volatile, flammable liquids. To reduce the risk of fire or explosion, do not operate near open flames, sparks, cigarettes or any other ignition source. Do not operate the unit in an explosive atmosphere or unventilated area. Connect the attached ground cable to the nearest grounding point on the tank being filled. Shut off the engine and allow it to completely cool before refueling.

ENGINE SPECIFICATIONS

- Model:** Hatz 1B30.
- EPA Tier:** Final Tier 4.
- Type:** Four Cycle, Air Cooled, Diesel Engine.
- Displacement:** 21.2 Cu. In. (347 cc).
- Lubrication:** Forced Circulation.
- Air Cleaner:** Dry Type.
- Fuel Tank:** 1.32 U.S. Gal. (5,0 Liters).
- Full Load Operating Time:** 2.8 Hours.
- Starter:** Rope Recoil.

Standard Equipment: Exhaust Silencer Muffler ^{w/}Guard. 90° Exhaust Deflector. Hand Throttle and Stop Control.

HATZ PUBLISHED PERFORMANCE:
Maximum Continuous Net B.H.P.
6.8 (5,1 kW) @ 3600 RPM



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

Specification Data

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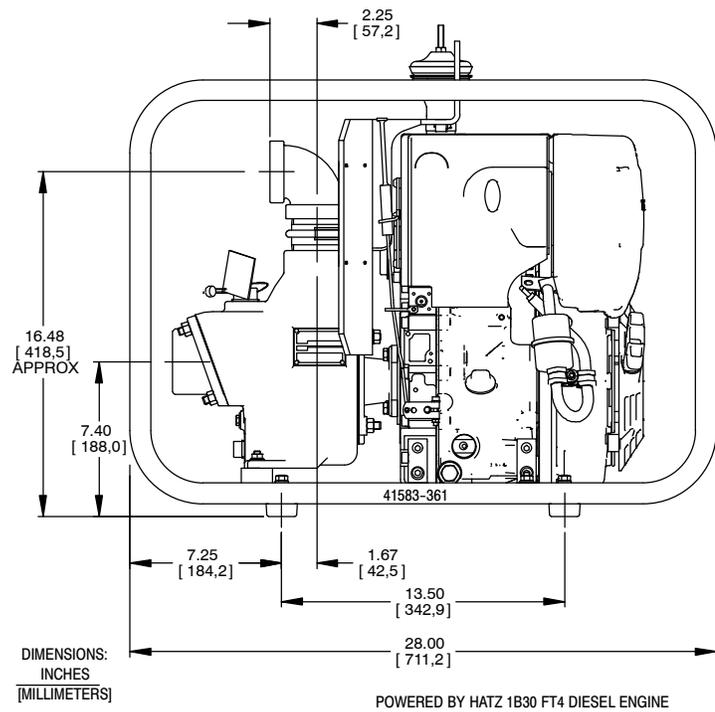
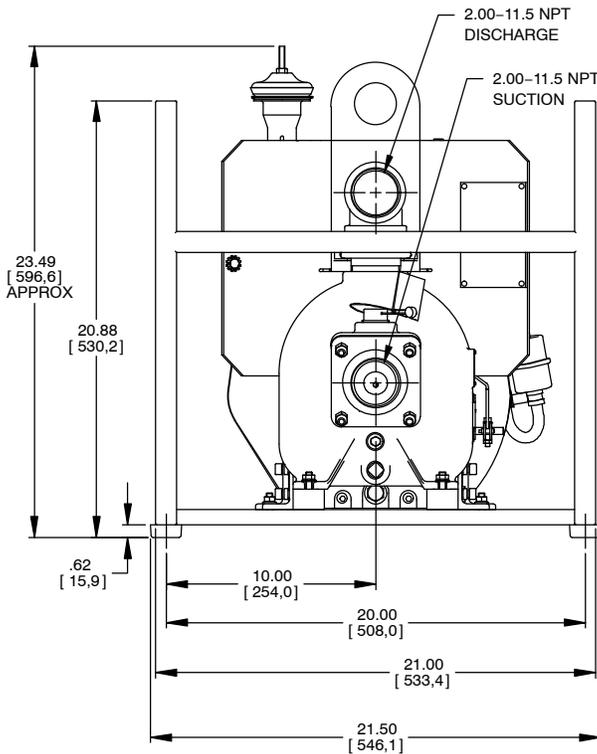
APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 140 LBS. (63,5 KG.)

SHIPPING WEIGHT: 147 LBS. (66,7 KG.)

EXPORT CRATE SIZE: 12.9 CU. FT. (0,37 CU. M.)

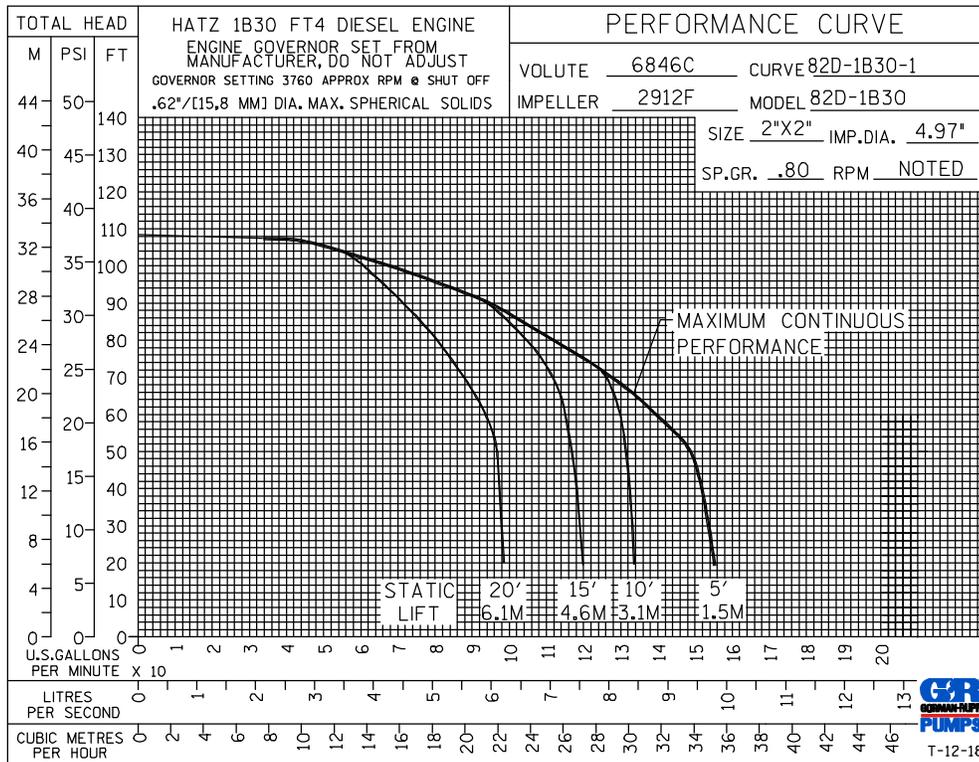
WHEEL KIT ADD 22 LBS. (10 KG.); SHIPPING CRATE (SEPARATE) 3 CU. FT. (0,1 CU. M.).



DIMENSIONS:
INCHES
[MILLIMETERS]

POWERED BY HATZ 1B30 FT4 DIESEL ENGINE

**PERFORMANCE
BASED ON
PETROLEUM**



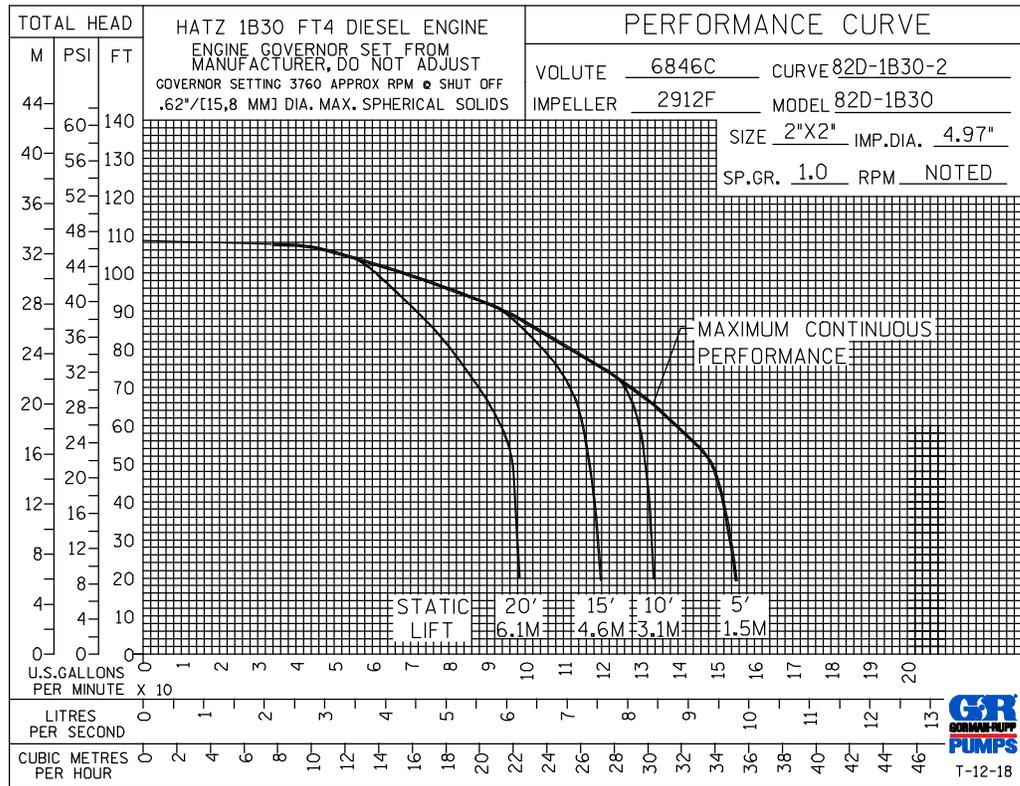
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PERFORMANCE
BASED ON
WATER



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