

Self Priming Centrifugal Pump



Models 13D-L70W FT4 *and* 13D-L70W FT4 S/G
13D1-L70W FT4 *and* 13D1-L70W FT4 S/G

Size 3" x 3"



Total Head		Capacity Of Pump In U.S. Gallons Per Minute (GPM) At Continuous Performance				
P.S.I.	Feet					
30.3	70	75	75	75	75	75
26.0	60	153	158	158	158	158
21.7	50	176	221	233	233	233
17.3	40	180	237	279	285	285
13.0	30	183	245	292	321	330
8.7	20	185	250	297	337	360
4.3	10	186	254	305	345	380
Suction Lift		25'	20'	15'	10'	5'



MODEL 13D-L70W FT4 SHOWN

PUMP SPECIFICATIONS

Size: 3" x 3" (76 mm x 76 mm) NPT - Female.
Casing: Aluminum Alloy 356-T6 w/Gray Iron 30 Cutwater Insert. Maximum Operating Pressure 55 psi (379 kPa).
Semi-Open Type, Two Vane Impeller: Ductile Iron 65-45-12. Handles 1 1/2" (38,1 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: Aluminum Alloy 356-T6.
Seal: (13D-L70W, 13D-L70W S/G) 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).
 (13D1-L70W, 13D1-L70W S/G) Type 31, Mechanical, Self-Lubricated. Silicon Carbide Rotating and Stationary Faces. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).
Seal Liner: (13D-L70W, 13D-L70W S/G) Copper Alloy C26000.
Shaft Sleeve: (13D1-L70W, 13D1-L70W S/G) Alloy Steel 4130.
Flap Valve: Buna-N w/Nylon Reinforcement; Steel and Brass.
Suction Flange: Aluminum Alloy 356-T6.
Gaskets: Cork w/Nitrile Binder (NC710).
O-Rings: Buna-N.
Hardware: Standard Plated Steel.
Roll Cage with Rubber Feet.
90° Discharge Elbow.
Strainer.
Optional Equipment: Battery (S/G Models Only). 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: Yanmar L70W.
EPA Tier: Final Tier 4.
Type: Single Cylinder, Four Cycle, Air Cooled, Diesel Engine.
Displacement: 18.7 Cu. In. (320 cc).
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Fuel Tank: .87 U.S. Gal. (3,3 liters).
Full Load Operating Time: 2.7 Hours
Starter: (13D/13D1-L70W) Rope Rewind. (13D/13D1-L70W S/G) 12 Volt Electric.
Standard Equipment: Exhaust Silencer Muffler w/Guard. 90° Exhaust Deflector. Hand Throttle and Stop Control.

YANMAR PUBLISHED PERFORMANCE:
 Maximum Net Continuous B.H.P.
 5.8 (4,3 kW) @ 3600 RPM



GORMAN-RUPP PUMPS

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Specifications Subject to Change Without Notice

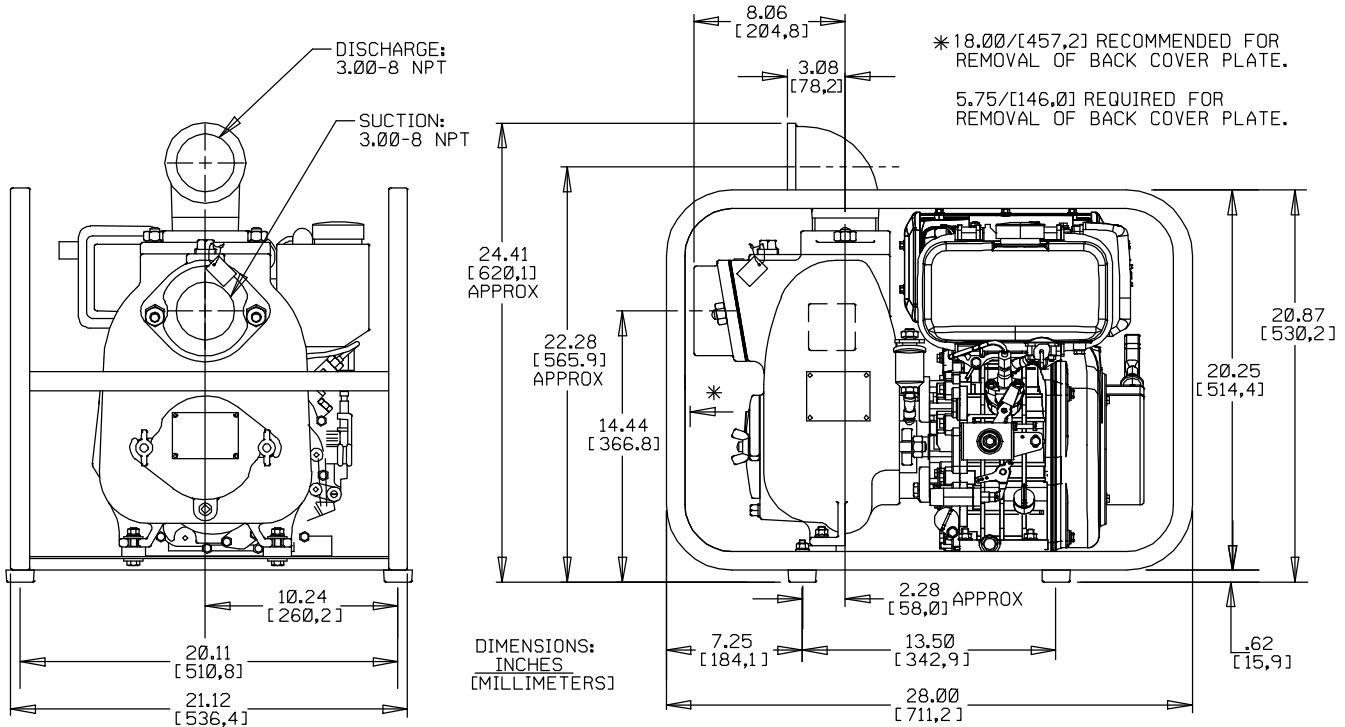
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Specification Data

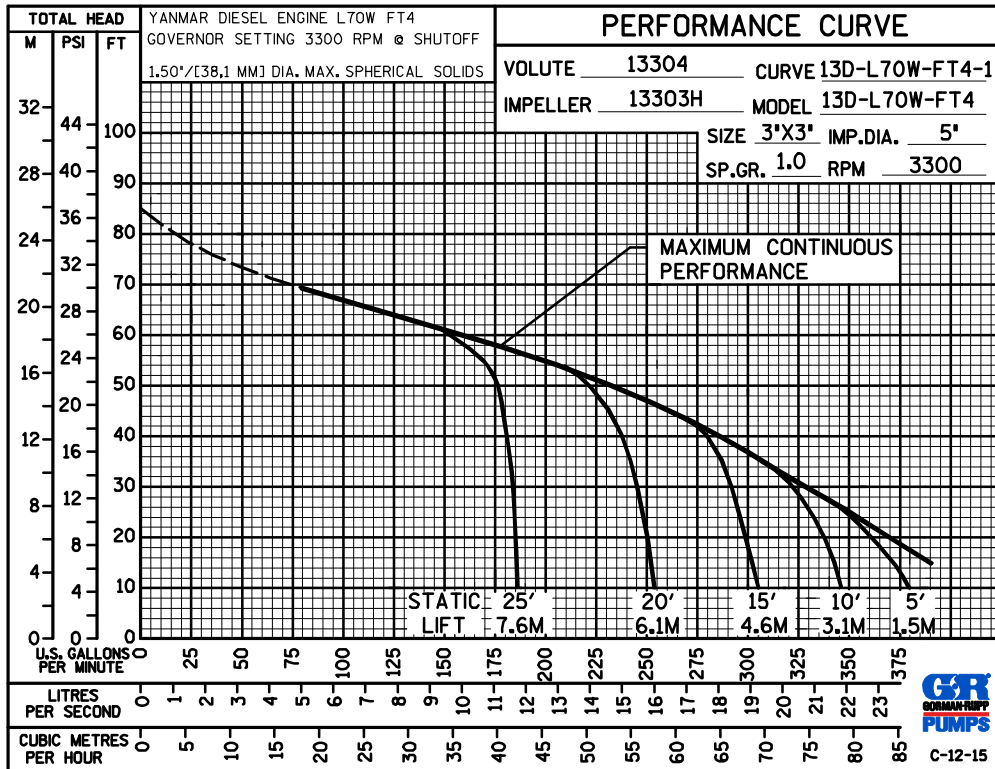
APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT:	13D-L70W,13D1-L70W	13D-L70W S/G, 13D1-L70W S/G
SHIPPING WEIGHT:	172 LBS. (78,0 KG.)	172 LBS. (78,0 KG.)
EXPORT CRATE:	202 LBS. (91,6 KG.)	202 LBS. (91,6 KG.)
WHEEL KIT ADD WEIGHT:	13 CU. FT. (0,37 CU. M.)	
SHIPPING CRATE (SEPARATE):	25 LBS. (11,3 KG.);	
	3 CU. FT. (0,1 CU. M.)	

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