

ACEGH



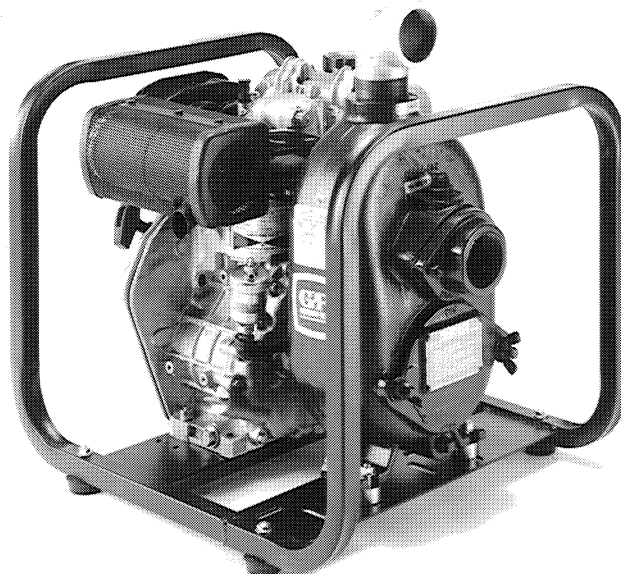
Self Priming Centrifugal Pump

Diesel Engine Driven
Model 12D-L48AE
Size 2" x 2"

CERTIFIED
PERFORMANCE

10MTC

Total Head		CAPACITY OF PUMP IN U.S. GALLONS PER MINUTE (GPM) AT CONTINUOUS PERFORMANCE				
P.S.I.	Feet					
46	107	42	42	42	42	42
43	100	70	70	70	70	70
39	90	80	94	94	94	94
35	80	82	105	118	114	114
30	70	82	110	129	140	140
26	60	82	110	132	151	164
Suction lift		25'	20'	15'	10'	5'



PUMP SPECIFICATIONS

Size: 2" x 2" (51 mm x 51 mm) NPT - Female.

Casing: Aluminum No. 356-T6 With Gray Iron No. 30.
Cutwater Insert. Maximum Operating Pressure 70 psi
(4,92 kg/cm²).

Impeller: Open Type, Two Vanes, Ductile Iron 65-45-12.
Handles 1-3/16" (30 mm) Diameter Spherical Solids.

Replaceable Wear Plate: Steel No. 1026.

Removable Cover Plate: Aluminum No. 356-T6, 4 lbs.
(1,8 kg).

Intermediate Bracket: Gray Iron No. 30.

Seal: Double Grease-Lubricated with Spring Loaded
Grease Cup. Sintered Bronze Stationary Seal Seats.
Rotating Faces are Steel. Maximum Temperature of
Liquid Pumped, 110°F (43°C). Maximum Suction
Pressure 10 PSI (70,3 kg/cm²).

Seal Liner: Brass No. 70-30.

Flap Valve: Buna-N with Nylon Reinforcement; Gray Iron
No. 30.

Flange: Aluminum No. 356-T6.

Gaskets: Resistant Synthetic Rubber & Cork; Vegetable
Fiber.

Hardware: Standard Plated Steel.

Standard Equipment: Skid Base. Hoisting Bail. Strainer.
90° Discharge Elbow.

Optional Equipment: Wheel Truck Assembly with Two
3" x 12" (76 mm x 305 mm) Semi-Pneumatic Tires.



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

ENGINE SPECIFICATIONS

Model: Yanmar L48AE-DP.

Type: Four Cycle, Air Cooled, Diesel Engine.

Displacement: 12.9 Cu. In. (211 cc).

Governor: Variable Speed, Engine Mounted.

Air Cleaner: Dry Type.

Fuel Tank: 0.66 U.S. Gallons (2,5 liters).

Operating Time; Full Load: 3.26 Hours.

Starter: Rope Rewind.

Standard Equipment: Muffler: Standard
Exhaust Silencer with Guard. 90° Exhaust
Deflector.

YANMAR PUBLISHED PERFORMANCE:
Maximum Continuous B.H.P. 4.2 @ 3600 RPM



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Specifications Subject to Change Without Notice

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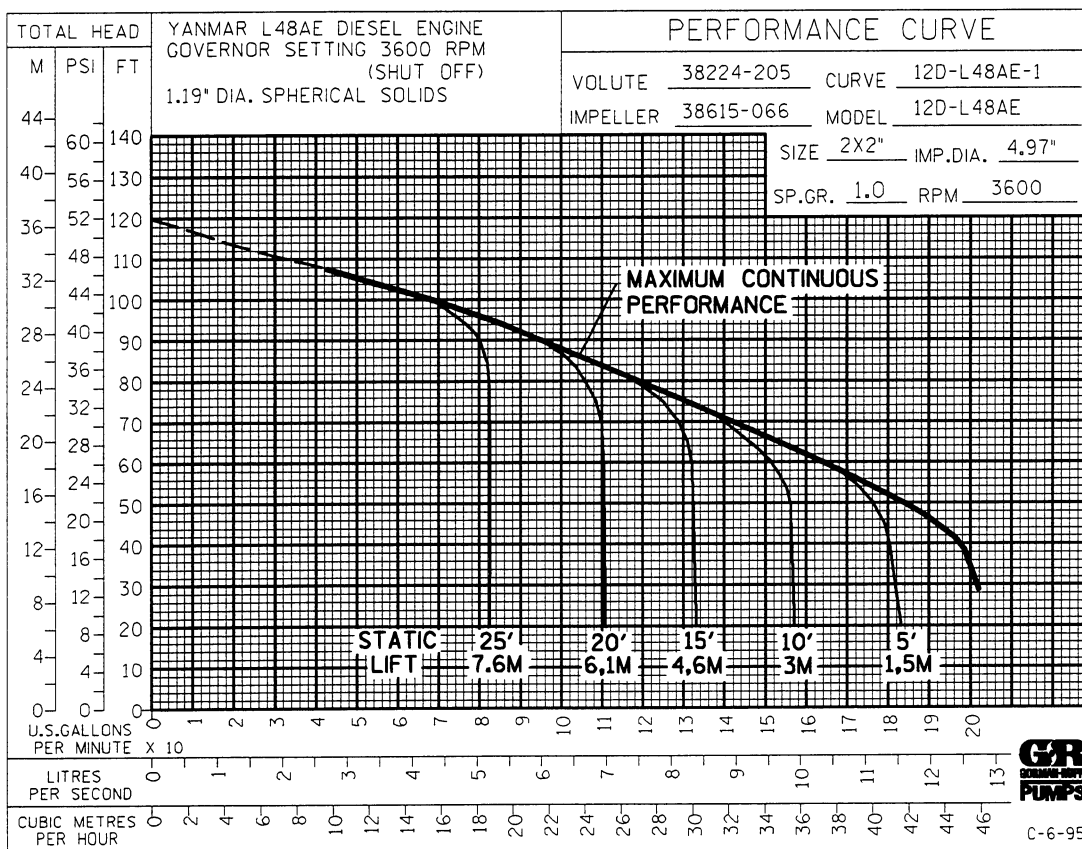
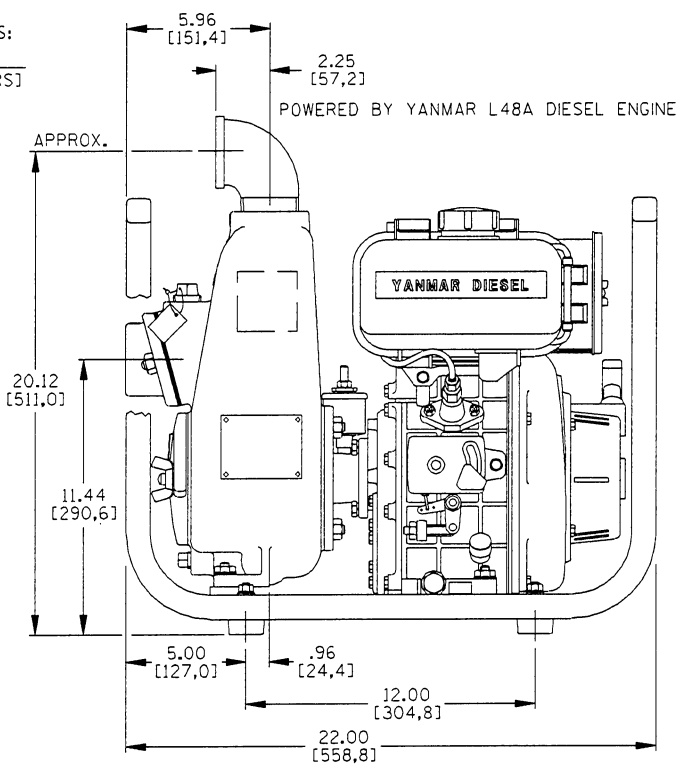
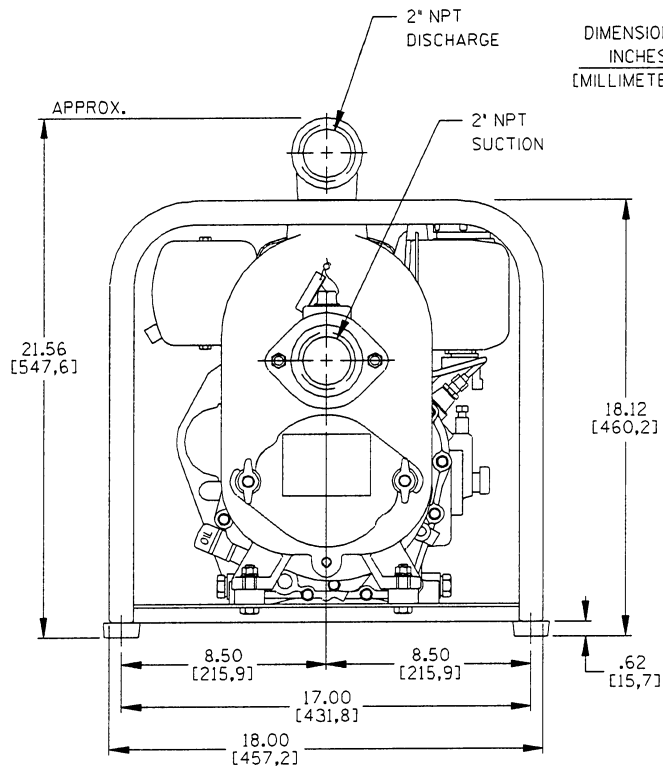
Specification Data

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OVERALL DIMENSIONS
and
APPROXIMATE WEIGHTS

NET WEIGHT:
SHIPPING WEIGHT:
EXPORT CRATE SIZE:

108 LBS. (49 KG.)
118 LBS. (54 KG.)
5.7 CU. FT. (0,16 CU. M.)



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