

ACE



Self Priming Centrifugal Pump

Gasoline Engine Driven

Model 86A2 – F300

Size 6" x 6"



90 M

Total Head		Capacity Of Pump In U.S. Gallons Per Minute (GPM) At Continuous Performance				
P.S.I.	Feet					
75.9	175	420	420	420	420	420
65.0	150	730	1070	1120	1120	1120
54.2	125	775	1150	1360	1420	1420
43.4	100	800	1175	1415	1610	1680
32.5	75	825	1185	1425	1660	1820
21.7	50	840	1190	1435	1680	1880
10.8	25	850	1200	1440	1700	1900
Suction Lift		25'	20'	15'	10'	5'

PUMP SPECIFICATIONS

Size: 6" x 6" (152 mm x 152 mm) N.P.T. Female.

Pump Casing: Gray Iron No. 30. Maximum Operating Pressure 127 psi (876 kPa).*

Open Type, Three Vane Impeller: Gray Iron No. 30. Handles 1 3/4" (44,5 mm) Diameter Spherical Solids.

Impeller Shaft: Carbon Steel Grade 1045/1046.

Replaceable Wear Plate: Gray Iron No. 30.

Intermediate Bracket: Gray Iron No. 30.

Seal Plate: Gray Iron No. 30.

Seal: Double Grease-Lubricated with 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).*

Seal Liner: Copper Alloy C26000.

Flap Valve: Compressed Synthetic Fibers & Alloy Steel.

Radial/Thrust Bearing: Tapered Single Row Roller.

Bearing Lubrication: Grease.

Flanges: Gray Iron No. 30.

Gaskets: Vegetable Fiber.

Hardware: Standard Plated Steel.

Hoisting Bail.

Skid Base.

90° Discharge Elbow.

Strainer.

Optional Equipment: Battery. Two Wheel Truck Assembly with P235/75R15 Pneumatic Tires. Over-the-Road Trailer (Meets D.O.T. & Transport Canada Requirements). Loss of Prime Gauge & Switch.

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



Shown with Optional Wheel Kit



ENGINE SPECIFICATIONS

Model: Ford C5PG (F300).

Type: Six Cylinder, Four Cycle, Liquid Cooled Gasoline Engine.

Displacement: 300 Cu. In. (4,9 Liters).

Governor: Mechanical.

Lubrication: Pressure System.

Air Cleaner: Dry Type.

Oil Reservoir: 7 U.S. Qts. (6,6 Liters) Dry.
6 U.S. Qts. (5,7 Liters) Refill.

Fuel Tank: 38.9 U.S. Gallons (147,3 Liters).

Full Load Operating Time: 6.1 Hours.

Starter: 12 Volt Electric.

Standard Features: Safety Shut Down Switches for Low Oil Pressure and High Coolant Temperature. Instrument Panel with Temperature Gauge, Oil Pressure & Alternator Warning Lights. Hood and Side Panels. Muffler with Guard and Weather Cap.

Optional Equipment: Hourmeter. Tachometer.

FORD PUBLISHED PERFORMANCE:
Maximum Continuous B.H.P. 101 @ 2800 RPM
Maximum Dynamic B.H.P. 124 @ 3600 RPM



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Specifications Subject to Change Without Notice

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Specification Data

SKID BASE

2-WHEEL

APPROXIMATE
DIMENSIONS and
WEIGHTS

NET WEIGHT: 1750 LBS. [794 KG.]

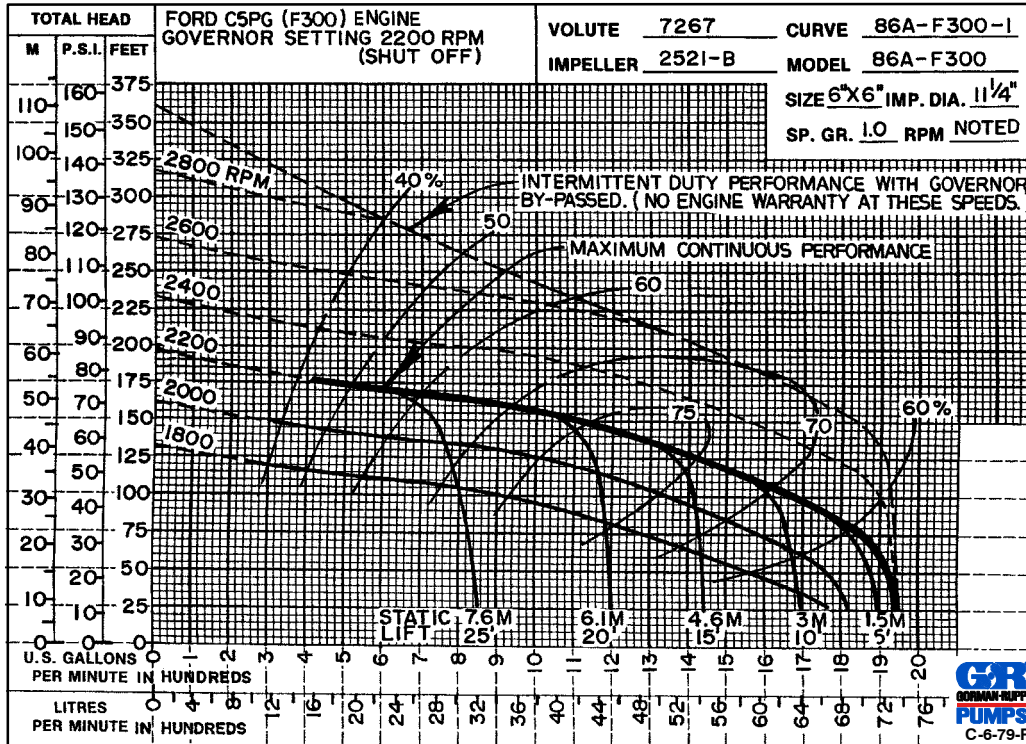
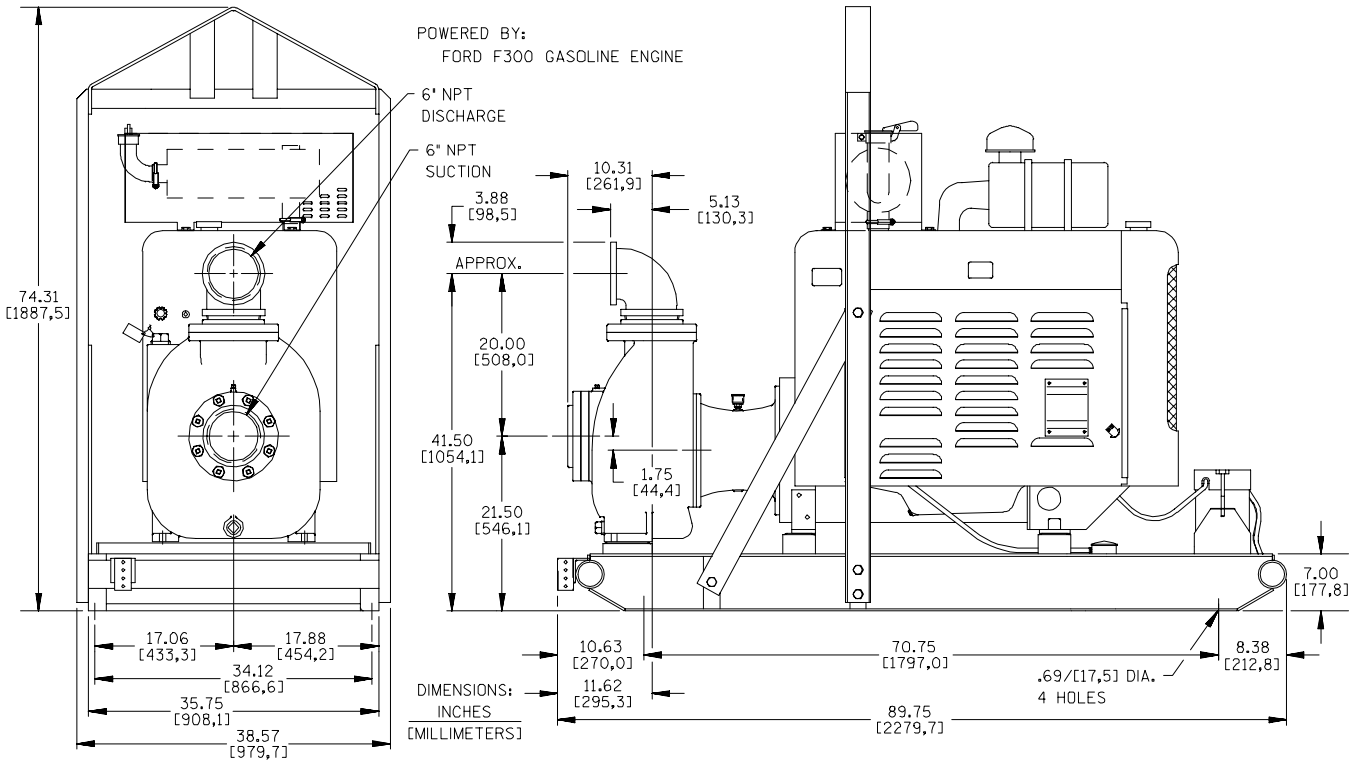
1950 LBS. [884 KG.]

SHIPPING WEIGHTS: 1850 LBS. [839 KG.]

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EXPORT CRATE: 172 CU. FT. [4.8 CU. M.]

SECTION 40, PAGE 1850



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