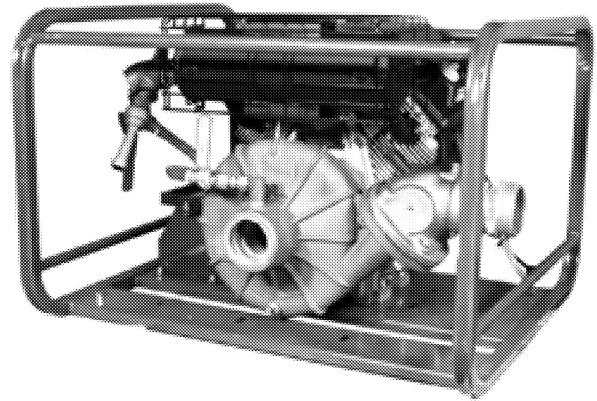




Standard Centrifugal Pump

Gasoline Engine Driven
Model 62 1/2D1 – CH23 S/G
Size 2 1/2" x 2 1/2"

Total Head		Capacity Of Pump In U.S. Gallons per Minute (GPM) At Continuous Performance			
P.S.I.	Feet				
156.1	360	32	32	32	32
151.7	350	47	47	47	47
130.1	300	78	88	98	112
108.4	250	105	115	130	154
86.7	200	128	137	157	188
65.0	150	144	155	175	213
43.4	100	158	170	195	235
21.7	50	175	185	208	250
Suction lift		20'	15'	10'	5'



PUMP SPECIFICATIONS

Size: 2 1/2" x 2 1/2" NPT (64 mm x 64 mm) Female with Adapters for NPT to NSFHT Male.

Casing: Aluminum No. 356-T6. Maximum Operating Pressure 237 psi (16,7 kg/cm²).

Enclosed Type, Five Vane Impeller: Aluminum No. 356-T6. Handles 5/16" (7,9 mm) Diameter Spherical Solids.

Replaceable Wear Ring: Bronze No. C83600.

Replaceable Balance Ring: Bronze No. C83600.

Intermediate Bracket: Aluminum No. 356-T6.

Seal: Type 21, Mechanical, Self-Lubricated. Carbon Rotating Face. Ni-Resist Stationary Face. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel No. 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).

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

Shaft Sleeve: Stainless Steel No. 304.

Flap Valve: Buna-N and Bronze No. C83600.

Check Valve Housing: Aluminum No. 319-T6.

Gaskets: Vegetable Fiber.

Hardware: Standard Plated Steel.

Standard Equipment: Brass Hose Adapters. Strainer. Roll Cage w/Rubber Feet. 6.5 U.S. Gal. (24,6 Liter) Portable Fuel Tank w/6 Ft. (2 M) of Quick-Connect Fuel Line and Priming Bulb. Exhaust Primer Assembly. Discharge Pressure Gauge. Discharge Check Valve.

Optional Equipment: Battery.



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

ENGINE SPECIFICATIONS

Model: Kohler CH23.

Type: Twin Cylinder, Four Cycle, Air Cooled, Over-head Valve, Gasoline Engine.

Displacement: 38 Cu. In. (624 cc).

Cylinder: Aluminum w/Cast Iron Liner.

Governor: Mechanical; Adjustable.

Lubrication: Forced Circulation.

Oil Reservoir: 2 U.S. Qts. (1,9 liter).

Air Cleaner: Dual Element w/Precleaner.

Full Load Operating Time: 3 Hrs.

Starter: 12 Volt Electric.

Ignition System: Electronic; Solid State.

Standard Equipment: Muffler w/Guard. Manual Choke and Throttle Control w/Top Speed Limit. Oil Fill w/Dipstick; Drain Port Each Side. Oil Sentry™ Shut Down.

KOHLER PUBLISHED PERFORMANCE:

Maximum Continuous BHP 19 (14,2 kW)
@ 3600 RPM

Maximum Dynamic BHP 23 (17,2 kW)
@ 3600 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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Specifications Subject to Change Without Notice

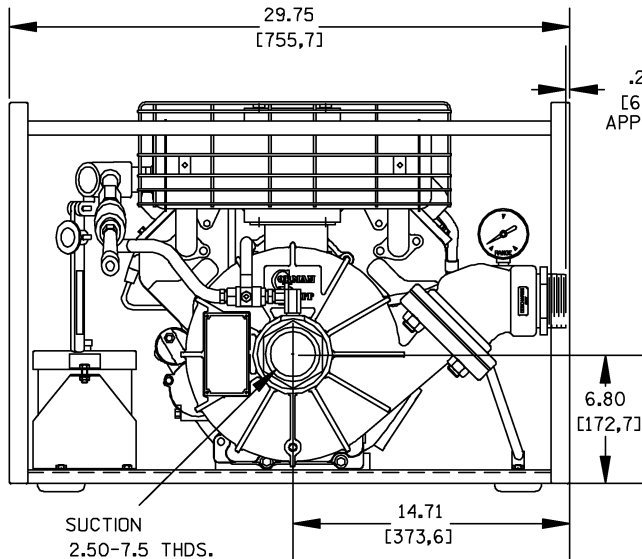
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Specification Data

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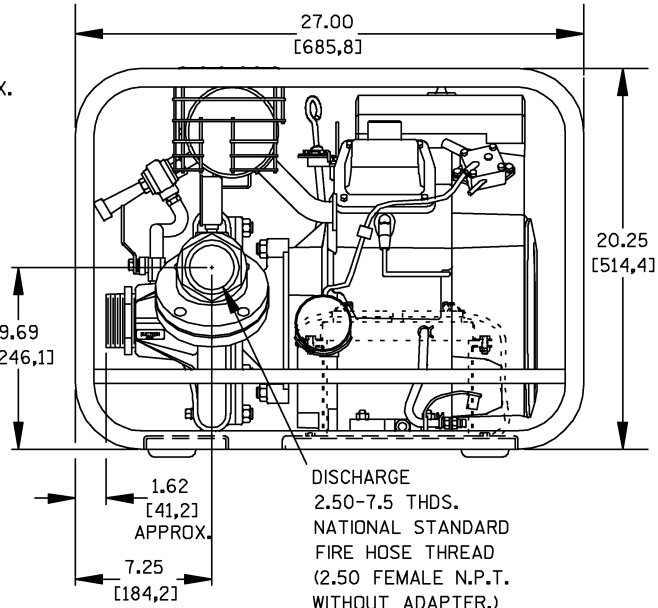
APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 185 LBS. (84 KG.)
SHIPPING WEIGHT: 270 LBS. (123 KG.)
EXPORT CRATE SIZE: 13 CU. FT. (0,4 CU. M.)



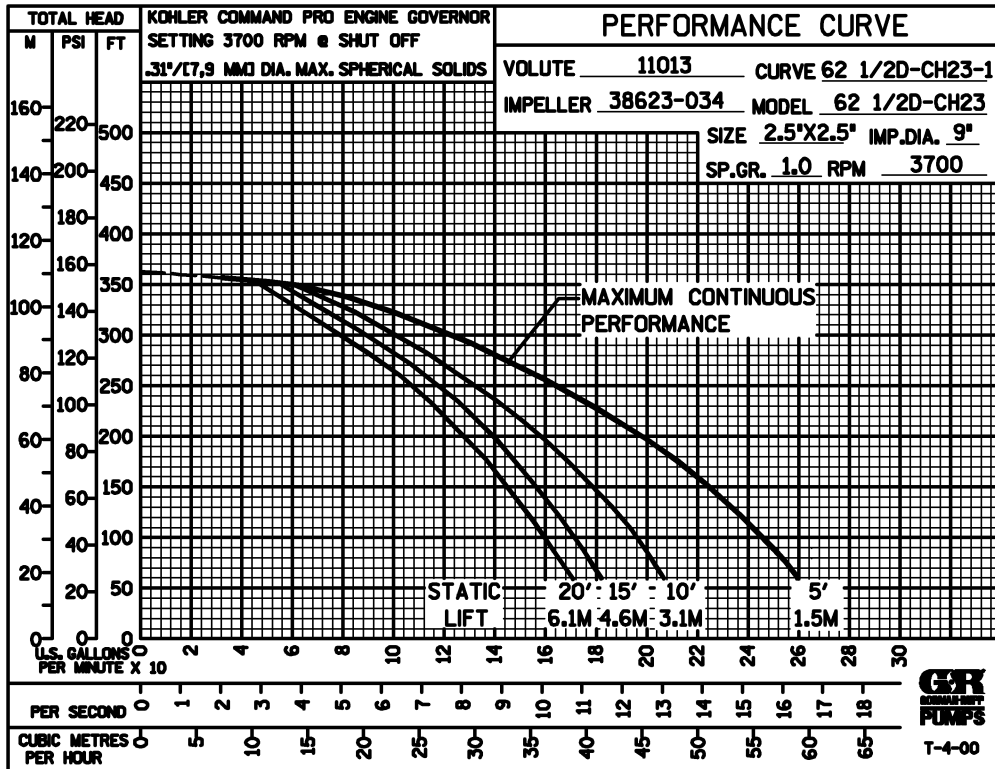
SUCTION
2.50-7.5 THDS.
NATIONAL STANDARD
FIRE HOSE THREAD
(2.50 FEMALE N.P.T.
WITHOUT ADAPTER.)

DIMENSIONS:
INCHES
[MILLIMETERS]



DISCHARGE
2.50-7.5 THDS.
NATIONAL STANDARD
FIRE HOSE THREAD
(2.50 FEMALE N.P.T.
WITHOUT ADAPTER.)

POWERED BY KOHLER: CH23 23 HP GASOLINE ENGINE



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