

A C D E U



Gasoline Engine Driven Self Priming Centrifugal Pump Models 13E52-CH13 and 13E52-CH13 S/G Size 3" x 3"



18 MT

Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance				
P.S.I.	Feet					
42.0	97	75	75	75	75	75
38.1	90	137	137	137	137	137
34.7	80	197	253	253	253	253
30.3	70	205	275	225	340	340
26.0	60	210	280	340	400	410
21.7	50	210	283	345	413	450
17.3	40	213	284	350	417	465
13.0	30	216	286	353	421	475
Suction Lift		25'	20'	15'	10'	5'



13E52-CH13 S/G (SHOWN)



PUMP SPECIFICATIONS

Size: 3" x 3" (76 mm x 76 mm) NPT - Female.
Casing: Gray Iron No. 30.
 Maximum Operating Pressure 68 psi (469 kPa).*
Semi-Open Type, Two Vane Impeller: Ductile Iron No. 65-45-12. Handles 2" (50,8 mm) Diameter Spherical Solids.
Replaceable Wear Plate: Standard Carbon Steel C1015.
Removable Cover Plate: Gray Iron No. 30; 12 lbs. (5,4 kg).
Intermediate Bracket: Gray Iron No. 30.
Shaft Sleeve: Alloy Steel No. 4130.
Seal: Type 31, Mechanical, Self-Lubricated. Silicon Carbide Rotating and Stationary Faces. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel No. 304 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).*
Flap Valve: Buna-N w/Nylon Reinforcement; Gray Iron No. 30.
Flange: Gray Iron No. 30.
Gaskets: Cork.
Hardware: Standard Plated Steel.
Standard Equipment: Roll Cage w/Rubber Feet. 90° Ductile Iron Discharge Elbow. Strainer.
Optional Equipment: Battery (S/G Model Only).
 Two Wheel Truck Assembly with 12.00" x 2.75" (305 mm x 70 mm) Semi-Pneumatic Tires.

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

ENGINE SPECIFICATIONS

Model: Kohler CH13.
Type: Single Cylinder, Air Cooled, Overhead Valve, Gasoline Engine.
Displacement: 24.3 Cu. In. (398 cc).
Cylinder: Aluminum Alloy w/Cast Iron Liner.
Governor: Mechanical; Adjustable.
Oil Reservoir: 2.1 U.S. Qts. (1,9 liter).
Air Cleaner: Dual Element w/Precleaner.
Fuel Tank: 5 U.S. Qts. (4,7 liter).
Full Load Operating Time: 1.1 Hrs.
Starter: Recoil or 12V Electric w/15A Alternator (S/G Model Only).
Ignition System: Electronic; Solid State.

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

KOHLER PUBLISHED PERFORMANCE:
 Maximum Continuous 10.4 BHP (7,7 kW) @ 3600 RPM
 Maximum Dynamic 13.0 BHP (9,7 kW) @ 3600 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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Specifications Subject to Change Without Notice

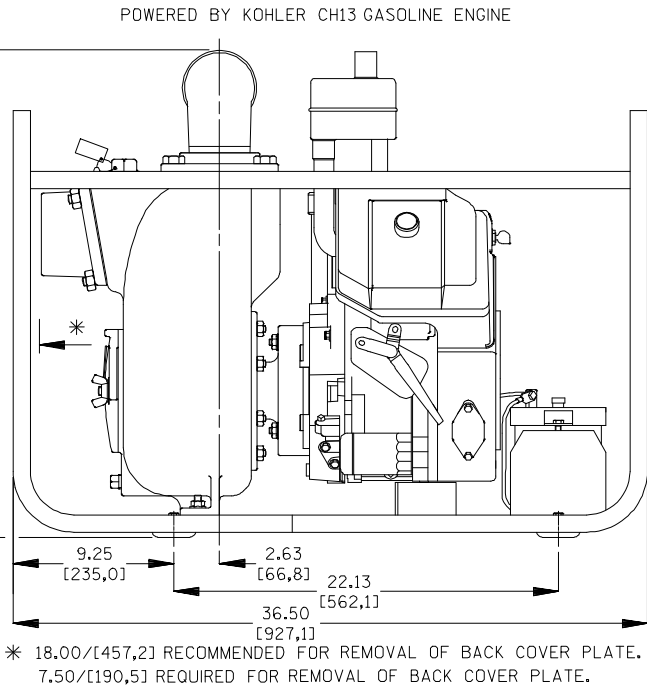
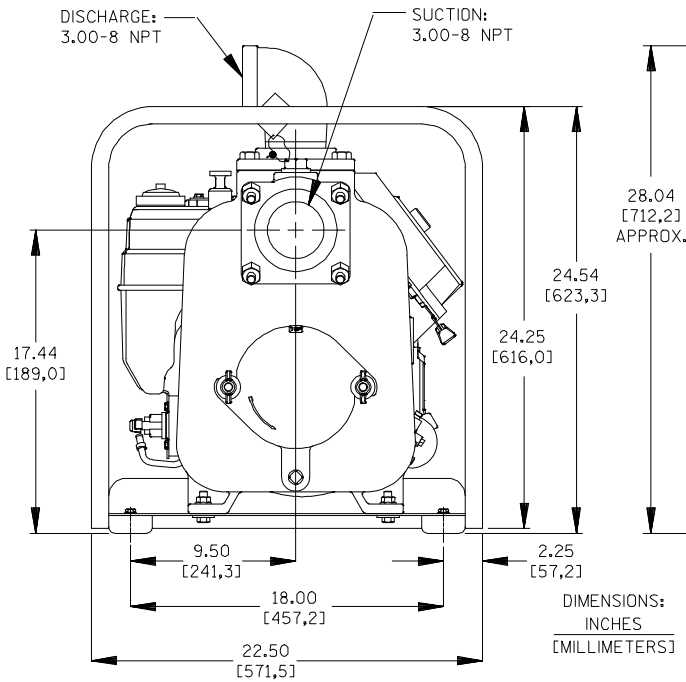
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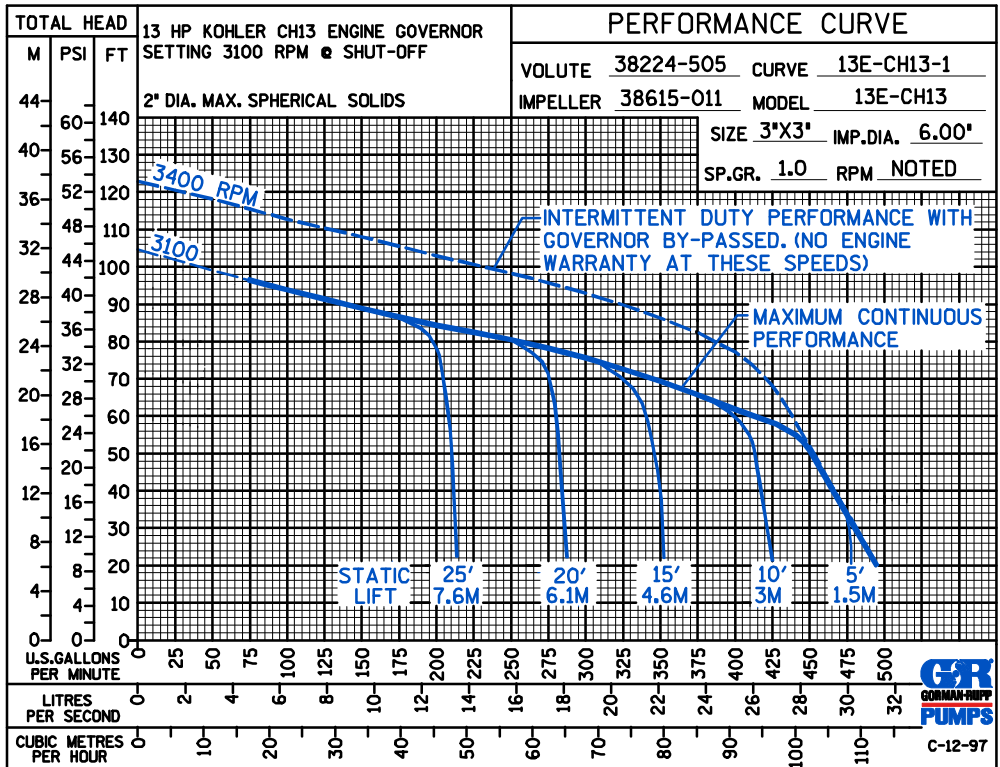
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APPROXIMATE
DIMENSIONS and WEIGHTS

	WITHOUT S/G	WITH S/G
NET WEIGHT:	300 LBS. (136 KG.)	330 LBS. (150 KG.)
SHIPPING WEIGHT:	363 LBS. (165 KG.)	393 LBS. (178 KG.)
EXPORT CRATE:	20.8 CU. FT. (0.6 CU. M.)	
WHEEL KIT ADD	46 LBS. (21 KG.); SHIPPING CRATE (SEPARATE) 3 CU. FT. (0.1 CU. M.)	



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