



Self Priming Centrifugal Pump

Model 13E2-12LD477 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					
31.2	72	72	72	72	72	72
30.3	70	83	83	83	83	83
26.0	60	175	205	205	205	205
21.7	50	185	250	298	330	330
17.3	40	188	254	310	370	398
13.0	30	190	255	315	375	420
8.7	20	193	258	315	380	437
Suction Lift		25'	20'	15'	10'	5'



PUMP SPECIFICATIONS

Size: 3" x 3" (76 mm x 76 mm) NPT Female.

Casing: Gray Iron 30.

Maximum Operating Pressure 49 psi (338 kPa).*

Semi-Open Type, Two Vane Impeller: Ductile Iron 65-45-12.
Handles 2" (50,8 mm) Diameter Spherical Solids.

Replaceable Wear Plate: Carbon Steel 1015.

Removable Cover Plate: Gray Iron 30. 11 lbs (5 kg).

Intermediate Bracket: Gray Iron 30.

Seal: 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).*

Seal Liner: Copper Alloy C26000.

Flap Valve: Buna-N with Nylon Reinforcing; Gray Iron 30.

Flanges: Gray Iron 30.

Gaskets: Cork with Nitrile Binder (NC710).

Hardware: Standard Plated Steel.

Hoisting Bail.

Skid Base.

90° Discharge Elbow.

Strainer.

Optional Equipment: Battery. High Speed (55 MPH/89 KM/H)
Single Axle Pneumatic-Tired Wheel Kit.

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



ENGINE SPECIFICATIONS

Model: Kohler KD477-2.

EPA Tier: Tier 4.

Type: Two Cylinder, Four Cycle, Air Cooled
Diesel Engine.

Displacement: 58.2 Cu. In. (954 cc).

Governor: Mechanical.

Lubrication: Full Pressure.

Air Cleaner: Oil Bath ^w/Precleaner.

Oil Reservoir: 5.5 U.S. Pints (2,6 Liters).

Fuel Tank: 11 U.S. Gallons (41,6 Liters).

Full Load Operating Time: 18.9 Hours.

Starter: 12 Volt Electric.

Standard Features: Muffler with Guard. Start/Stop Keyswitch. Engine Speed Control. Low Oil Pressure Safety Shutdown Switch. Low Oil Pressure, High Engine Temperature and Low Voltage Indicator Lamps.

KOHLER PUBLISHED PERFORMANCE:

Maximum Net Intermittent B.H.P. 17.2 (12.8 kW)

@ 2700 RPM



GORMAN-RUPP PUMPS

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Specifications Subject to Change Without Notice

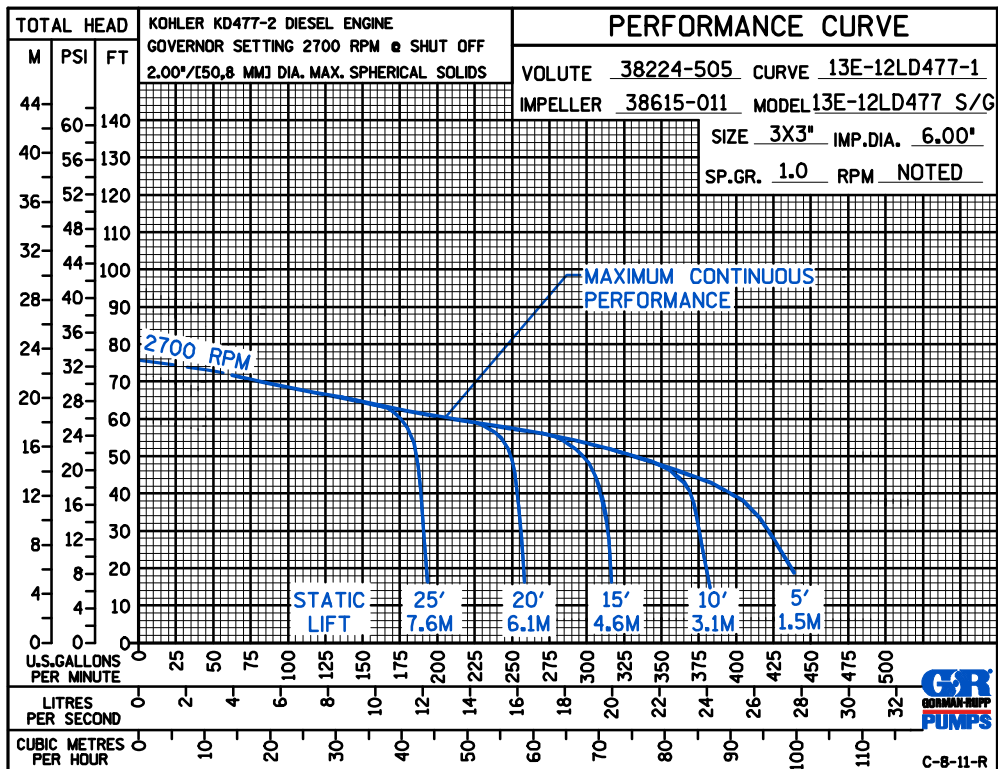
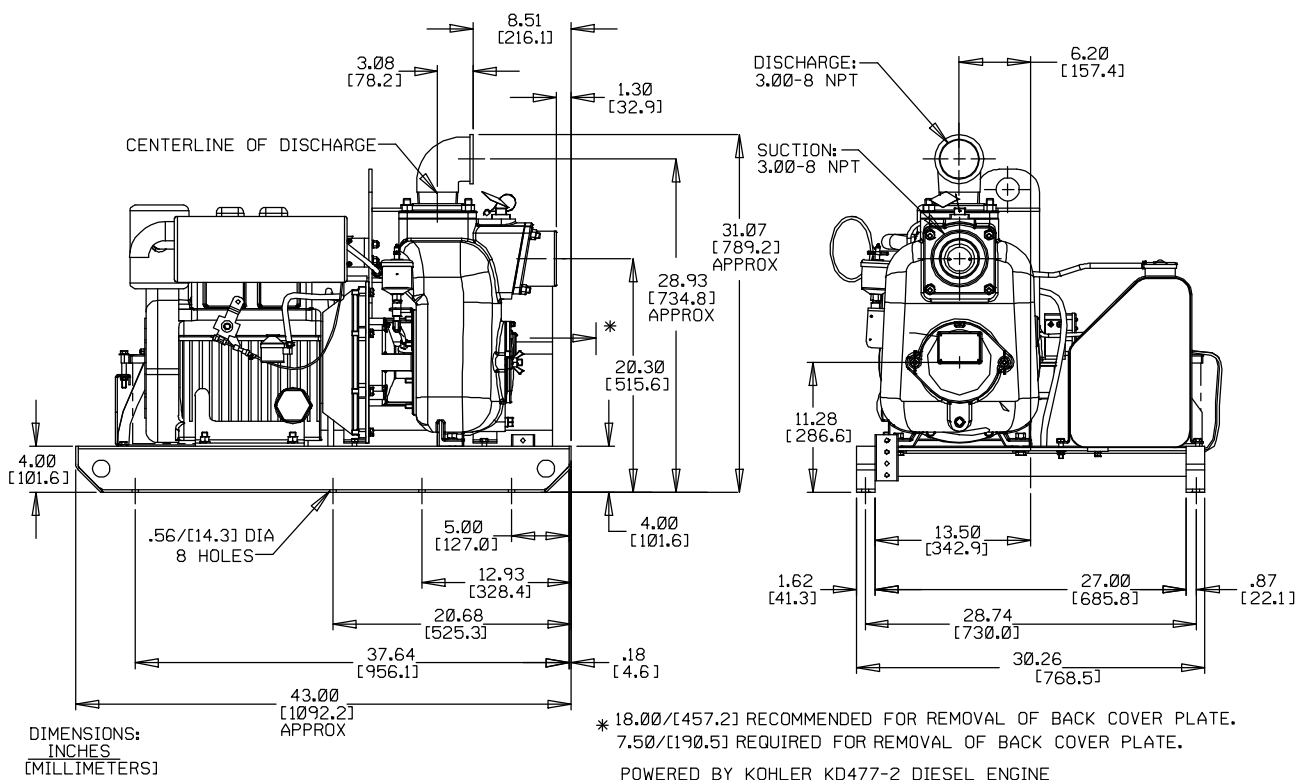
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Specification Data

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APPROXIMATE
DIMENSIONS and
WEIGHTS

	SKID BASE	2-WHEEL
NET WEIGHT:	557 LBS. [252,7 KG.]	742 LBS. [336,6 KG.]
SHIPPING WEIGHTS:	655 LBS. [297,1 KG.]	742 LBS. [336,6 KG.]
EXPORT CRATE:	45.8 CU. FT. [1,3 CU. M.]	



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