

HOLLAND

P U M P

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Section: 50-10

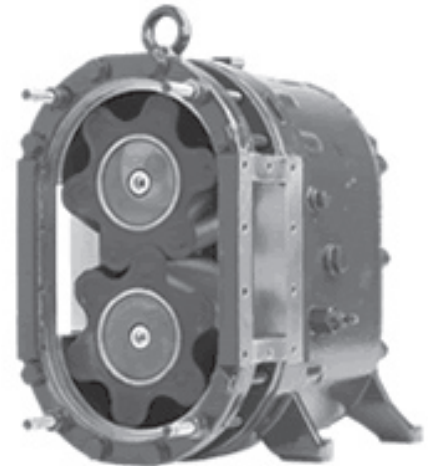
17 Mar 06

4" Rotary Pump
Model W4R - KZ482
Size 4" Rotary Pump

Holland® Pump Company
Corporate Office: 2610 Sidney Lanier Drive
Brunswick, Georgia 31525
Phone 912-466-0304
1-888-997-PUMP
www.hollandpump.com

PUMP SPECIFICATIONS

Size: 4" Rotary Pump
Pump: Class 30 gray cast iron casing and smooth end cover
Rated Capacities: 222 GPM (30 cfm) @ 1000 RPM
Displacement: per revolution of 0.222 US gallons
Working Pressures: to 75 psi
Flange Connections: 4" Raised Face ANSI, 150 lbs. Flange connections included
Rated Speed: 0 - 1000 RPM
HiFlo® Rotors in: SBR, BunaN
Wet-Ends: Standard in Gray Cast Iron,
Solids Passing: to 1.5" Solids
Rotary Lobes: Four HiFlo quad-lobe rotors, driven through positive timing gears running in oil; solid gray cast iron cores covered with a layer of Buna-N, Durometer hardness 65-72
Rotary Vane Geometry: Convolutd to provide pulse free operation
Shafts: Carbon steel fitted with replacable ceramic coated stainless steel sleeves where passing through the seal area
Mechanical Seals: Split silicon carbide
Vibration: Pumps and motors operate at any point within their operating range without undue noise and vibration
Top and Bottom Housing Segments: Class 30 gray cast iron coated with 2-3 mils of 417 Brinell hardness chrome, segments adjustable based on wear



GEAR SPECIFICATIONS

2.71 to 1 gear reduction

ENGINE SPECIFICATIONS

Model: Kubota Z482
Type: 2 Cylinder, 4 Cycle, Liquid Cooled Diesel Engine
Displacement: 29.23 cu.in.
Governor: Large Capacity, High Speed Flyweight Governor.
 This ensures stable operation at low RPM and assures high torque rise
Lubrication: Forced Circulation
Air Cleaner: Dry Type with Replaceable Element
Lube Oil Capacity: 2.5 L (0.66 U.S. gal)
Coolant Capacity: 2.8 L (0.74 U.S. gal)
Fuel Tank: Integral 37 U.S. Gallon Capacity (#2 Diesel Fuel)
Full Load Operating Time: 104 Hours
Starter: 12 Volt, .8 kW
Standard Features: Skid, SAE Flywheel, Murphy Safety Shutdown System Covering: Engine Oil Pressure, High Water Temperature
Optional Features: Auto-Oiler with Engine Oil Shutdown, Auto-Start, HANS (Holland Automatic Notification System), Full Instruments, Site or DOT Highway Trailer

W4R @ Engine RPM	Capacity of Pump in U.S. Gallons per Minute (gpm) @ Continuous Performance
750	62 gpm
2710	222 gpm

Kubota Published Performance: Maximum Continuous Power: 6.2 BHP @ 2000 RPM

Specifications subject to change without notice



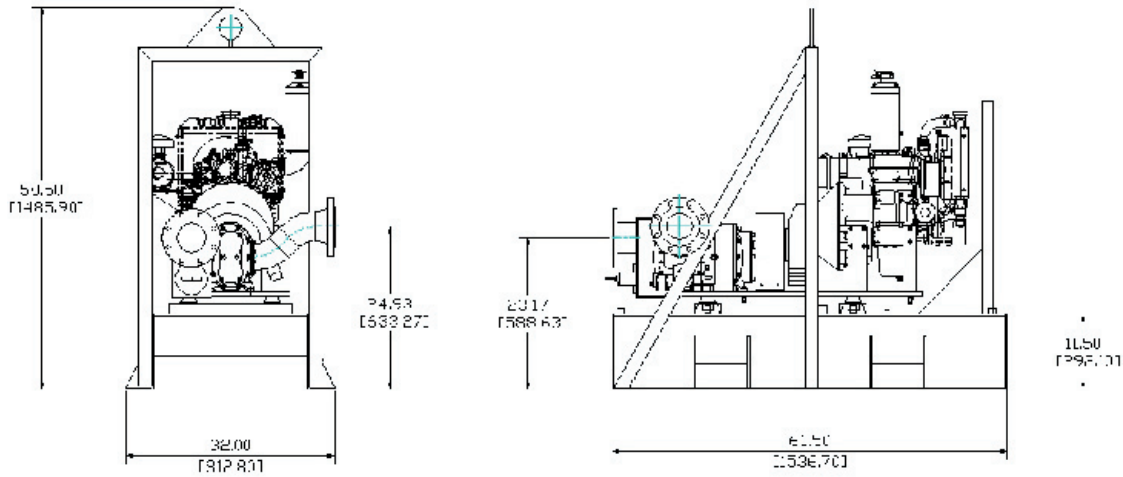
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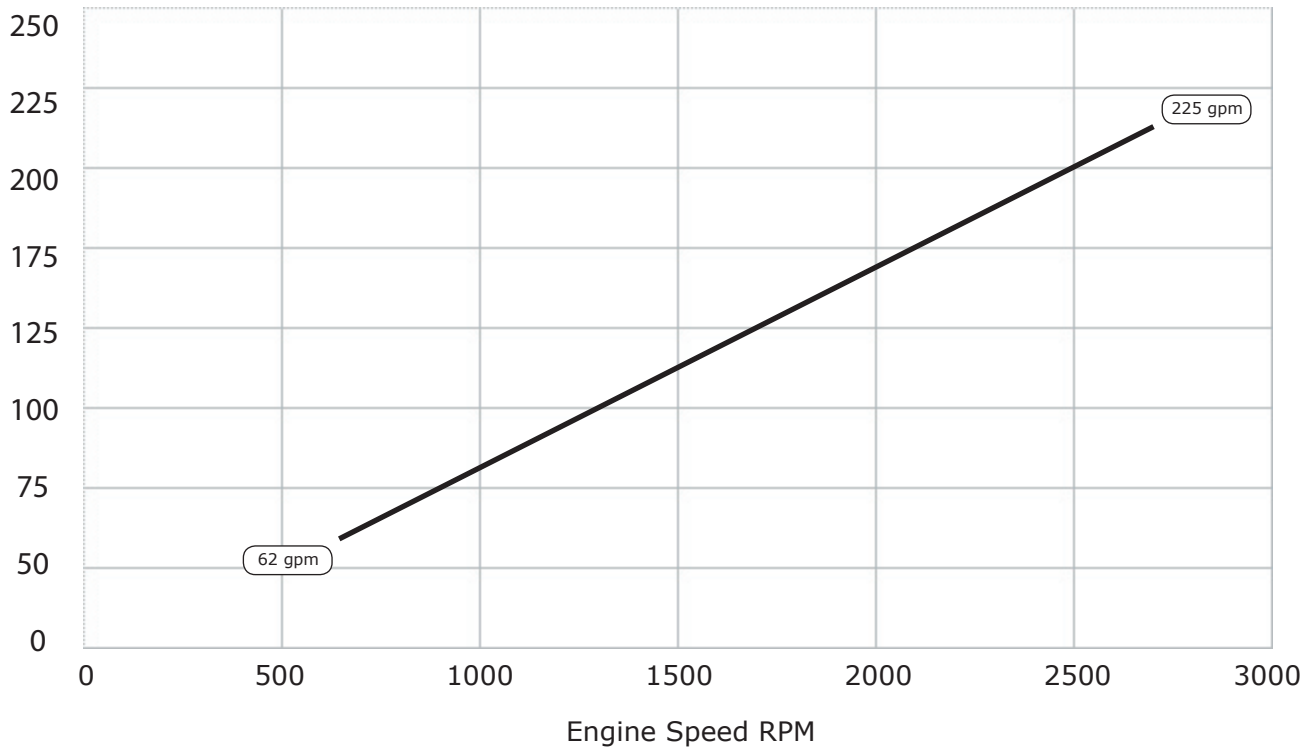
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Approximate Dimensions
Powered by Kubota Z482 Diesel Engine

	<u>Skid Base</u>
Net Weight (lbs)	1581
Shipping Weight (lbs)	1630
Export Crate Size (cu. ft)	70



Capacity GPM



The above curve is based on pumping clear water at 62 degrees with no lift required and no restrictions in the discharge.