

Diesel Engine Driven



Self Priming Centrifugal Pump

Models 14C2-F3L and 14C20-F3L

Size 4" x 4"

CERTIFIED PERFORMANCE



35 MT



Total Head		Capacity Of Pump In U.S. Gallons Per Minute (GPM) At Continuous Performance				
P.S.I.	Feet					
50.3	116	110	110	110	110	110
43.4	100	275	350	350	350	350
34.7	80	320	440	530	605	660
26.0	60	322	450	542	625	718
17.3	40	328	453	550	630	722
Suction Lift		25'	20'	15'	10'	5'

PUMP SPECIFICATIONS

Size: 4" x 4" (102 mm x 102 mm) NPT - Female.

Casing: Gray Iron 30.

Maximum Operating Pressure 81 psi (558 kPa).*

Semi-Open, Two Vane Impeller: Ductile Iron 65-45-12.

Handles 3" (76,2 mm) Diameter Spherical Solids.

Impeller Shaft: Alloy Steel 4150.

Replaceable Wear Plate: Carbon Steel ASTM A36.

Removable Cover Plate: Gray Iron 30. 22 lbs. (10.0 kg.).

Intermediate Bracket: Gray Iron 30.

Seal Plate: Gray Iron 30.

Seal:

(14C2) 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).*

(14C20) Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Tungsten Titanium Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped is 160°F (71°C).*

Seal Liner: (14C2) Copper Alloy C26000.

Shaft Sleeve: (14C20) Alloy Steel 4130.

Flap Valve: Neoprene ^w/Steel Reinforcement.

Radial/Thrust Bearings: Open Single Row Ball.

Bearing Lubrication: SAE 30 Non-Detergent Oil.

Suction Flange: Gray Iron 30.

Gaskets: Buna-N, Compressed Synthetic Fiber, Rubber, PTFE and Vegetable Fiber.

Hardware: Standard Plated Steel.

Oil Level Sight Gage

Standard Equipment: Hoisting Bail. Strainer. Skid Base. 90° Ductile Iron Discharge Elbow.

Optional Equipment: Battery. Single Axle Pneumatic-Tired Wheel Kit.

Tandem Axle Over-the-Road Trailer.

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



SHOWN WITH OPTIONAL WHEEL KIT

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

ENGINE SPECIFICATIONS

Model: Deutz D914L3.

EPA Tier: Interim Tier 4.

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

Displacement: 197.4 Cu. In. (3,24 Liters).

Lubrication: Forced Circulation.

Air Cleaner: Oil Bath.

Fuel Tank: 38.9 U.S. Gallons (147.2 Liters).

Full Load Operating Time: 28.4 Hours.

Starter: 12 Volt Electric.

Standard Features: High Oil Temperature, Low Oil Pressure, V-Belt, Alternator and Start Failure Safety Shut Down Switches/Indicators. Fuel Level Gauge. Throttle Control. Instrument Panel Includes: Temperature Gauge, Oil Pressure Gauge, Ammeter, Hourmeter, Tachometer, Manual/Stop Key Switch, 15 Amp Fuse. Muffler ^w/Guard and Weather Cap.

DEUTZ PUBLISHED PERFORMANCE:

Maximum Gross Continuous B.H.P.

54.9 (41 kW) @ 2300 RPM



GORMAN-RUPP PUMPS

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Specifications Subject to Change Without Notice

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