

IndustrialQUIP

361-850-4343

SPECIFICATIONS

6"X3" REDI PRIME BOOSTER PUMP

Model 3HC-RP-6068HF285-150

Vacuum Assisted, Engine Driven, Heavy Dry Prime Pump

Pump Specifications:

- Pump size: Cornell 3HC - 6"X 3" AISI 150# flanges standard
- Suction Cover: ASTM A48 class 30 gray iron
- Wear Ring: ASTM A48 class 30 gray iron
- Volute Casing: ASTM A48 class 30 gray iron
- Volute Cleanout: None
- Backplate: ASTM A48 class 30 gray iron
- Bracket: ASTM A48 class 30 gray iron
- Mechanical Seal: Tungsten vs. Silicon Carbide seal faces, Viton elastomers, 300 series stainless steel hardware & spring, seal system designed for dry running
- Impeller: Enclosed type, six port, high pressure, w/.5 inch spherical solids handling capability. ASTM A48 class 30 gray iron
- Bearing Housing: ASTM A48 class 30 gray iron
- Pump-end Bearing: Single row ball – 6313-C3
- Drive-end Bearing: Single row ball – 6313-C3
- Shaft: 1144 Stressproof steel (Other metals available including: 17-4 PH corrosion resistant)
- Lip Seals: CR type, single lip: Bearings, SAE cover - Buna-N, Seal gland – Viton
- 50 CFM diaphragm vacuum pump used for priming.
- Separator Spool: Standard steel
- Air/Water chamber: Chamber designed to separate air and water before entering the pump case
- Discharge check valve: Swing type, ductile iron w/Buna-N disc (Viton optional)

Optional Equipment and Materials: Stainless Steel, CD4MCU & Ductile Iron

Engine Specification:

- Model: John Deere model 6068HF285
- 173 intermittent horsepower @ 2400 RPM
- Six cylinder, four cycle, water cooled diesel engine
- Governor: Electronic
- Lubrication: Force Feed
- Air Cleaner: Dual stage, filter element
- Fuel Tank: 150 US gallons
- Run time: Full load (1800 RPM) > 16 hours
- Fuel Consumption: 9.26 Gallons Per Hour @ max RPM
- Starter: 12 volt electric



Standard engine features: Safety shutdown switches for low oil pressure and high temperature. Instrument panel with temperature and oil pressure gauge, ampmeter, hourmeter and tachometer. Muffler with rain cap. Engine to pump coupling: SAE3 housing with 11.5" rubber disc drive.

Standard Skid: Heavy duty powder coated fabricated steel frame. Integral fuel tank, lifting bale, lockable fuel tank, and one 1½" clean-out/drain plug

Standard Trailer: Heavy duty powder coated fabricated steel frame, integral fuel tank, fenders, lifting bail, lockable fuel cap, dual 7000# Anti-torsional axles, two (2) front adjustable leveling jacks and two (2) rear adjustable leveling jacks, one 1½" clean-out plug, fuel gauge, adjustable height tongue with easy conversion from ball hitch to Lunette eye

Trailer Options: DOT light package, work lights, special tires & wheels, dual axles, diamond plate fenders, surge brakes, lockable enclosed instrument panel, lockable enclosed engine housing, storage box, hose rack and more

Specifications subject to change without notice