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EPT4-150DPJD • 6 INCH DRY PRIME PUMP

Vacuum Assisted, Engine Driven, Heavy Duty Solids Handling Pump



EPT4-150DPJD

Engine Specification:

- Model: John Deere model 4045TF280 Tier 3
- 80 intermittent horsepower @ 2400 RPM
- Four cylinder, four cycle, water cooled diesel engine
- Governor: Mechanical
- Lubrication: Force Feed
- Air Cleaner: Filter element
- Fuel Tank: 60 US gallons
- Run time: Full load (1800 RPM) ~ 24 hours
- 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, ammeter, hourmeter and tachometer. Muffler with rain cap. Engine to pump coupling: SAE3 housing with 10" rubber disc drive.

Standard Skid:

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

Standard Trailer:

Heavy duty fabricated steel frame, integral fuel tank, fenders, lifting bail, lockable fuel cap, 3500# Anti-torsional axle, 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, electric brakes, lockable enclosed instrument panel, lockable enclosed engine housing, storage box, hose rack and more

Pump Specifications:

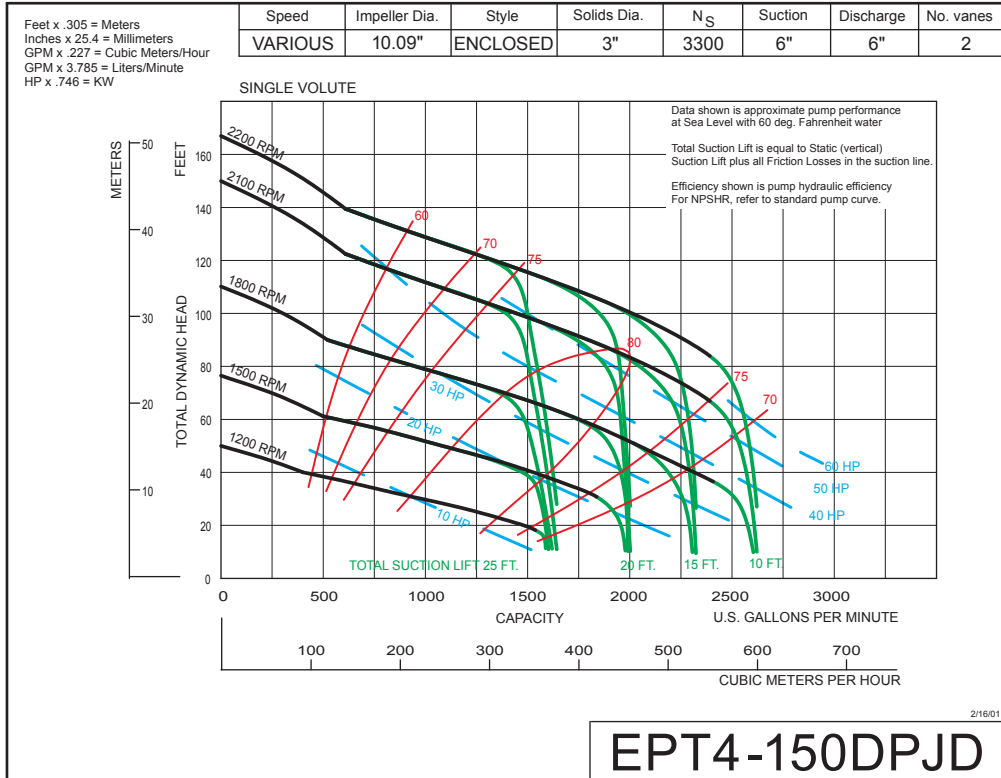
- Pump size: 6"X 6" AISI 150# flanges standard
 - Suction Cover: ASTM A48 class 30 gray iron
 - Wear Ring: ASTM A48 class 30 gray iron
 - Volute Casing: ASTM A48 class 30 gray iron
 - Volute Cleanout: Handhole type, ASTM A48 class 30 gray iron
 - Backplate: ASTM A48 class 30 gray iron
 - Bracket: ASTM 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, two port, non clog, w/3 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
 - Midland 1300 series compressor. Lubricated by engine oil and cooled by engine water
 - Separator Spool: Standard steel
 - Air/Water chamber: Chamber designed to separate air and water before entering the pump case
 - Venturi: Constructed of non-corrosive bronze
 - Discharge check valve: Swing type, cast iron w/Buna-N disc (Viton optional)
- * Optional Equipment and Materials: Stainless Steel, CD4MCU & Ductile Iron

Specifications subject to change without notice

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Performance Curves



Dimensions

