



IndustrialQUIP

www.industrialquip.com

SPECIFICATIONS

10"X8" DRY PRIME BOOSTER PUMP

Model 8NHTH-RP-6135HF485-T250

Vacuum Assisted, Engine Driven, Heavy Dry Prime Pump

Pump Specifications:

- Pump size: Cornell 8NHTH - 10"X 8" ANSI 125# 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/3.38 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 13CFM compressor used for priming, oil lubricated
- 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)

Engine Specification:

- Model: John Deere model 6135HF485
- 600 intermittent horsepower @ 2100 RPM
- Six cylinder, four cycle, water cooled diesel engine
- Governor: Electronic
- Lubrication: Force Feed
- Air Cleaner: Dual stage, filter element
- Fuel Tank: 250 US gallons
- Run time: Full load (2100 RPM) > 8 hours
- Fuel Consumption: 30 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: SAE1 housing with 14" rubber disc drive.

Standard Skid: Heavy duty powder coated fabricated steel frame. Integral fuel tank, lifting bale, lockable fuel tank, and two 2" clean-out/drain plugs

Standard Trailer: Heavy duty powder coated fabricated steel frame, integral fuel tank, fenders, lifting bail, lockable fuel cap, dual 8000# Anti-torsional axles, two (2) front adjustable leveling jacks and two (2) rear adjustable leveling jacks, two 2" clean-out plugs, fuel gauge, adjustable height tongue with easy conversion from ball hitch to Lunette eye

Trailer Options: DOT light package, work lights, special tires & wheels, diamond plate fenders, surge brakes, lockable enclosed instrument panel, lockable enclosed engine housing, storage box, hose rack, and suction/discharge manifolds.

Specifications subject to change without notice

IndustrialQuip, LLC • 1814 Holly Road • Corpus Christi, TX 78417 • Phone 361.850.4343



IndustrialQUIP

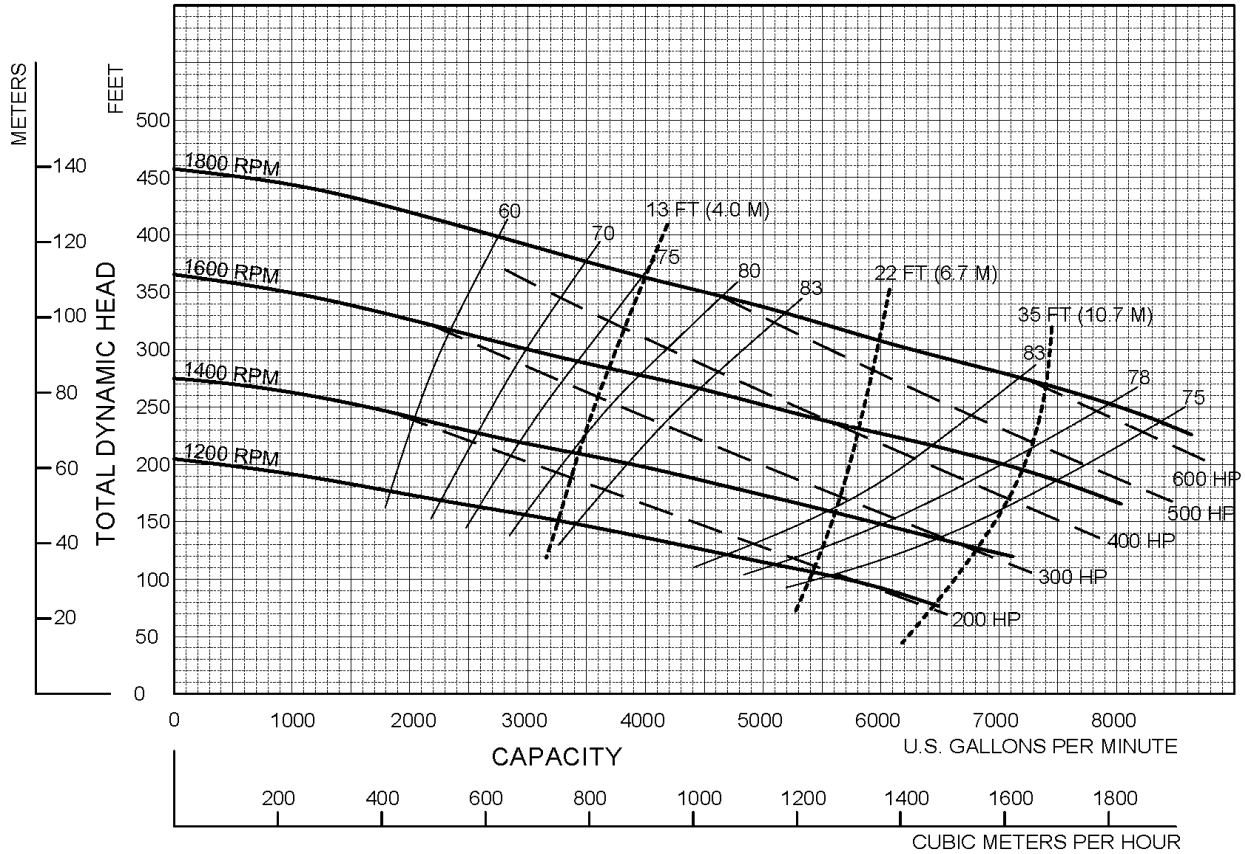
www.industrialquip.com

Feet x .305 = Meters
 Inches x 25.4 = Millimeters
 GPM x .227 = Cubic Meters/Hour
 GPM x 3.785 = Liters/Minute
 HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N _S	Suction	Discharge	No. vanes
VARIOUS	20.0"	ENCLOSED	4"	1750	10"	8"	2

DOUBLE VOLUTE

MOUNTING CONFIG.: CC, VM, F, VF, EM, VC



Performances shown are for cool water, frame mounted configuration with Cycloseal®. Other liquids, seal arrangements or mounting configurations may require performance adjustments.

6/2/09



Cornell Pump Company • Portland, Oregon

8NHHTH -VARIOUS RPM