

CENTEX FLUID PRODUCTS

SPECIFICATION SHEET FOR MODEL 8x8CS2-VP-6068HF285-150-SA

CENTEX FLUID

VACUUM ASSISTED, ENGINE DRIVEN,
HEAVY DUTY DRY PRIME PUMP

PUMP FEATURES

Indefinite Run-Dry Capability
Extreme Flow Technology
Environmentally Safe Priming System w/ Patented
PosiValve™ - Now Blow By
Auto Start Controls

PUMP SPECIFICATIONS

Size	8"X 8" 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
Optional Materials	Stainless Steel, CD4MCU & Ductile Iron



ENGINE SPECIFICATIONS

Model	John Deere model 6068HF285
Continuous Horsepower	200 intermittent horsepower @ 2400 RPM Six cylinder, four cycle, water cooled diesel engine
Governor	Mechanical
Lubrication	Force Feed
Air Cleaner	Dual stage, filter element
Fuel Tank	150 US gallons
Operating Time	Full load (1800 RPM) ~ 18 hours
Safety Shut Down	Low Oil Pressure, High Temperature and V-Belt Failure
Instrument Panel	Oil Pressure Gauge, Ampmeter, Hourmeter and Tachometer
Starter	12 volt electric

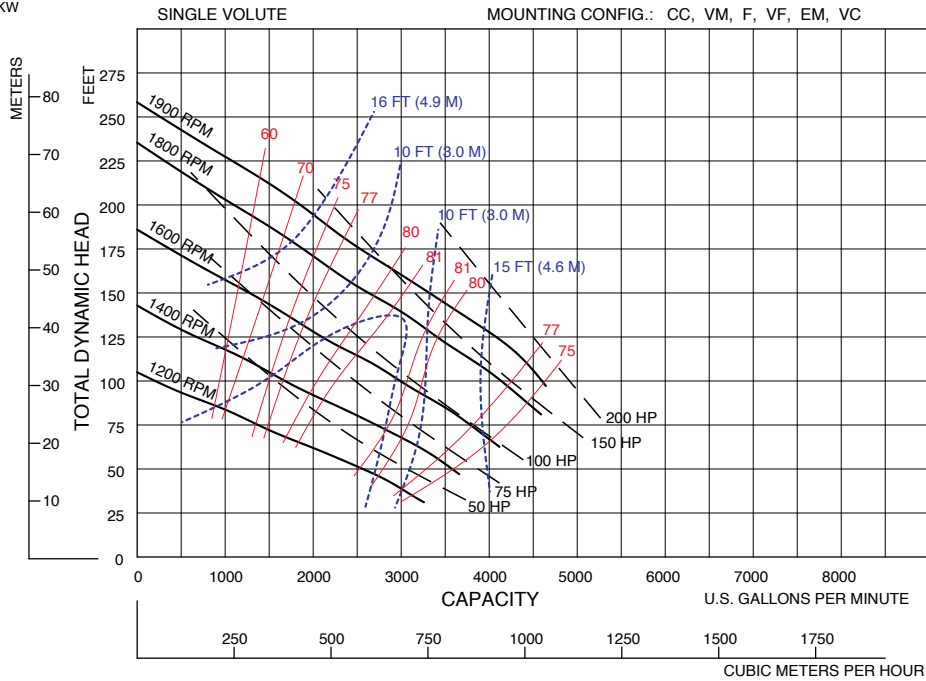
PRIMING SYSTEMS

Vacuum Assist	50 cfm diaphragm vacuum pump, air/water separator
Venturi Assist	13 cfm compressor/venturi, air/water separator optional

PERFORMANCE CURVE

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	14"	ENCLOSED	3.375"	2450	8"	8"	2



Centex Fluid Products LLC

8x8CS

1/00

DIMENSIONAL DRAWINGS

