Model A22000 - D6068HF485
22,000 GPM Axial Flow Pump

Pump Specifications
Volute: Fabricated Steel (optional stainless steel and special abrasion resistant steel volutes are available)
Propeller: 19-1/2" cast nibral (copper alloy UNS #C95800) for clean water. Replaceable wear ring
Solids: Handles 1/4" compressible, spherical solids.
Bearing Carrier: Stainless Steel
Prop Shaft: Stainless Steel
Seal: Rotary Mechanical, oil-lubricated, carbon & ceramic

Hydraulic System
Hydraulic Reservoir Level: 80 gallon capacity with twin 10 micron spin on oil filter
Hydraulic Oil: Furnished standard (optional mineral based non-toxic inherently bio-degradeable based hydraulic oil available)
Hydraulic Pump: Denison vane type positive displacement pump with pilot operated Denison relief valve
Hydraulic Motor: Vickers vane type positive displacement motor in suction bell
Heat Exchanger: Double row, SCH 40 pipe with integral intake basket (optional engine mounted oil cooler available)
Hydraulic Hose: 50' set of SAE 100R2, two wire braid high-pressure hose & 100R12 four wire hose braid high-pressure hose
Pump Head Pressure Relief System: Available as option to protect system against improper connection or interruption of hydraulic oil flow from pump head to power unit

ENGINE SPECIFICATIONS
Model: John Deere 6068HF485, Tier 3
Type: 6 Cylinder, 4 Stroke, Turbocharged, Diesel Engine
Displacement: 6.8L (415 cu.in.)
Governor: Electronic
Lubrications: Forced Circulation
Air Cleaner: Dry Type with Replaceable Element
Lube Oil Capacity: 5 U.S. Gallons (18.9L)
Coolant Capacity: 3.25 U.S Gallons (12.3L)
Fuel Tank: Integral 448 U.S. Gallon Capacity (#2 Diesel Fuel)
Full Load Operating Time: 60 Hours Minimum @ 2000 PSI
Starter: 12 Volt
Standard Features: SAE Flywheel & Bell housing adaptor, Cast Iron Engine Block, Ecoplus Oil and Fuel Filters, Glow Plug, Starting Aid, Integral Inlet and Manifold, Gear Driven Coolant Pump, Cast Iron Exhaust Manifold with Center Side Outlet, Murphy Powerview control panel: Oil Pressure, Engine Temp, RPM, Hour Meter, Load, Engine Code Diagnostics
Optional Features: Site or DOT Highway Trailer, Automatic Remote Start/Stop, HANS (Holland Automatic Notification System)
John Deere Published Performance: Maximum Continuous Power: 193 BHP (144kW)@ 2000 RPM, Peak Power: 203 BHP (151kW) @ 1800 RPM

Specifications subject to change without notice
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Approximate Dimensions
Powered by John Deere 6068HF485 Diesel Engine
Optional Tandem Axle Trailer Shown

DOT Trailer    Pump    Engine
Approx. Net Weight (lbs) 10540 1500 1340
Shipping Weight (lbs)  N/A  N/A  N/A
Export Crate Size (cu. ft) 460  N/A  91

Performance Curve Model: A22000 -D6068HF485
22,000 GPM Axial Flow Pump

TOTAL HEAD
FT

0  8000  10000  12000  14000  16000  18000  20000  22000  24000  26000  28000
0  5  10  15  20  25  30

@2500 PSI*
@2000 PSI

*Authorized with mineral based oil only

U.S. Gallons Per Minute (GPM)