

TRANSFER PUMPS PACKAGES

EQUIPMENT CATALOG





DP49 4X4 Pump



Made in the USA!

SPECIFICATIONS:

4NNT Cornell Pump Package with 49HP Kubota Engine; Vac Assisted Pump

4NNT Cornell Redi-Prime Pump

- All Iron Construction
- Horizontal Engine Mount
- SAE 4 Bell Housing
- 10" Drive Coupling
- Tungsten to Silicon Carbide Mechanical Seal.
- Run-Dry reservoir
- Redi-Prime Priming System
- Oil lubricated Bearings
- Enclosed Stainless Impeller w/ 3" solids handling capability

49HP Tier 3 Kubota Power Unit

- In-Line 4 Cycle Turbo Charged
- Liquid Cooled
- 12 Volt
- Interim 49HP (36KW) / Constant 41HP (30.8KW)
- LOFA Standard Instrumentation W/ 15amp float switch
- Two year / 2000 Hour Warranty

Fuel Cell Skid w/ Lifting Bell

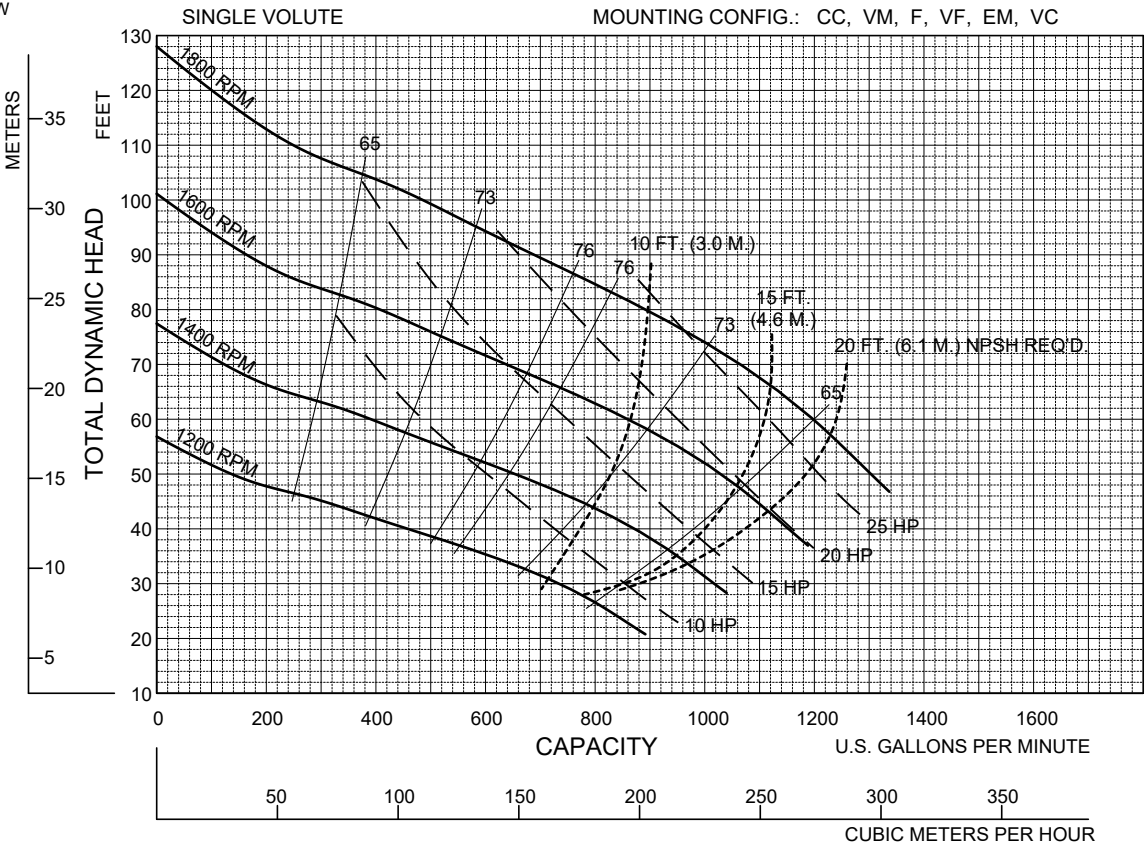
- 6k Single Axle 16" 10ply trailer tires
- 96gal fuel cell
- Over the road light package
- Customer specified fittings
- Work Light and pressure gauges
- Dual 8K Leveling Jacks

DP49 4x4 Pump

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	10.09"	ENCLOSED	3"	1900	4"	4"	2

Performances shown are for cool water, close-coupled electric configuration with Cyclo Seal.® Other mounting configurations, seal arrangements or liquids may require horsepower and/or performance adjustments.



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DP74 6x6 Pump



SPECIFICATIONS:

6NNT Cornell Pump Package with 74HP John Deere Engine; Vac Assisted Pump

6NNT Cornell Redi-Prime Pump

- All Iron Construction
- Horizontal Engine Mount
- SAE 3 Bell Housing
- 11.5" Drive Coupling
- Tungsten to Silicon Carbide Mechanical Seal.
- Run-Dry reservoir
- Redi-Prime Priming System
- Oil lubricated Bearings
- Enclosed Stainless Impeller w/ 3" solids handling capability

74HP Tier 3 John Deere Power Unit

- Model 4045
- In-Line 4 Cycle Turbo Charged
- Liquid Cooled
- 12 Volt
- Interim 125HP
- LOFA 750 Standard Instrumentation W/ 15amp float switch
- Two year / 2000 Hour Warranty

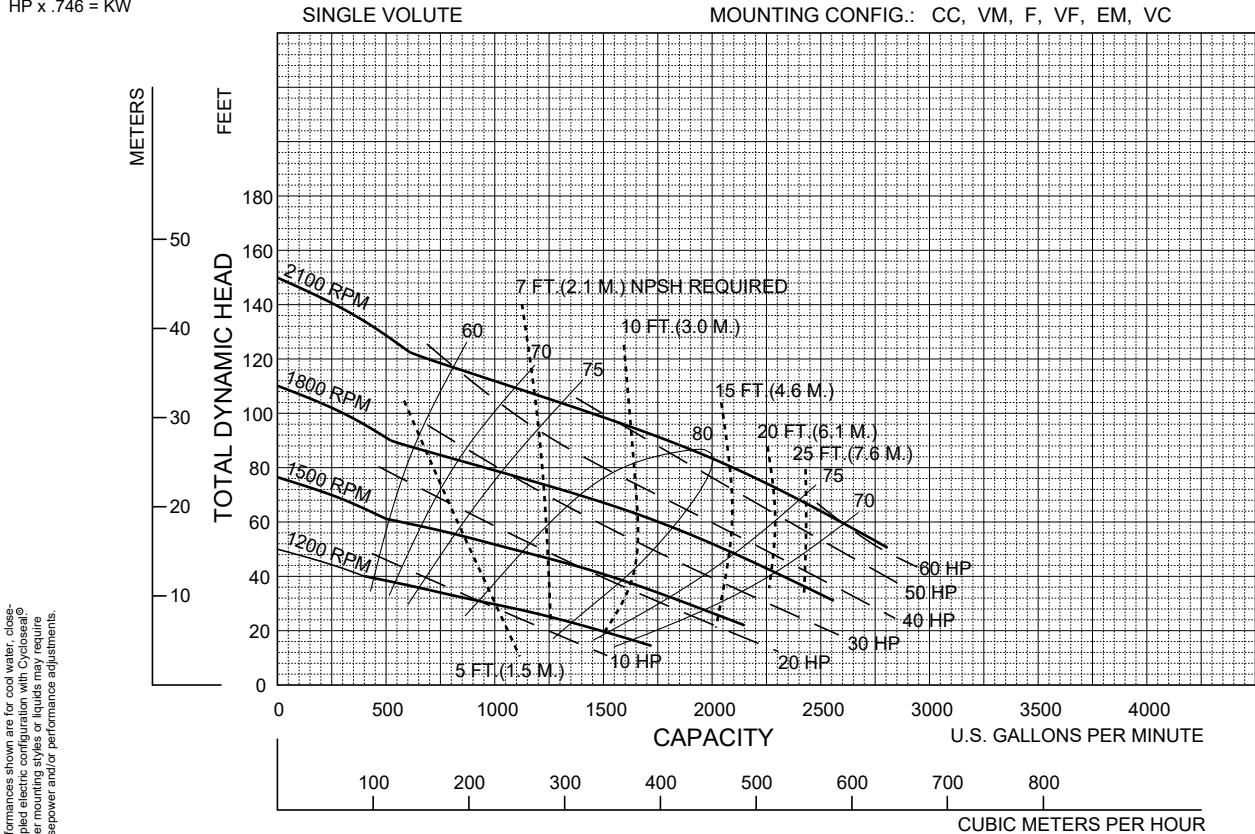
Fuel Cell Skid w/ Lifting Bell

- 6k Single Axle 16" 10ply trailer tires
- 96gal fuel cell
- Over the road light package
- Customer specified fittings
- Work Light and pressure gauges
- Dual 8K Leveling Jacks

DP74 6x6 Pump

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	10.09"	ENCLOSED	3.0"	3300	6"	6"	2



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DP74S 6x6 Silent Pack Pump



SPECIFICATIONS:

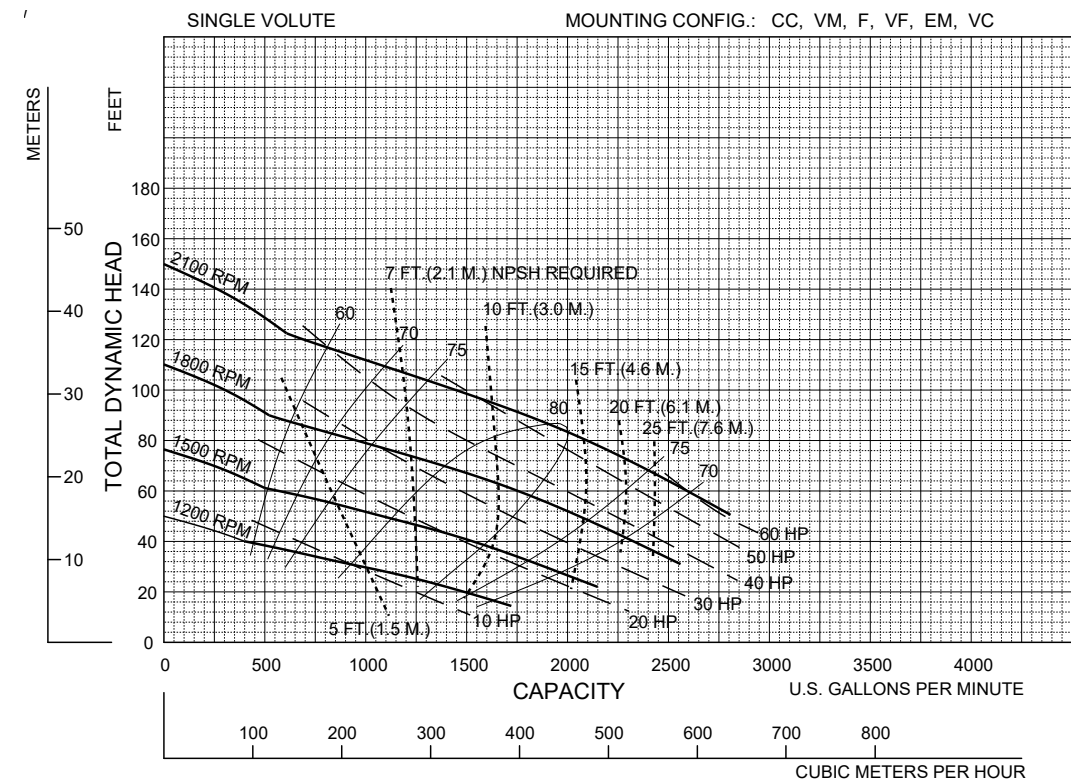
6nnt Cornell Pump Package with 74HP John Deere Engine; Vac Assisted Pump

- **6nnt Cornell Redi-Prime Pump**
- All Iron Construction
- SAE 4 Bell Housing
- 10" Drive Coupling
- Tungsten to Silicon Carbide Mechanical Seal.
- Run-Dry reservoir
- Redi-Prime Priming System
- Oil lubricated Bearings
- Enclosed Stainless Impeller w/ 3" solids handling capability
- **74HP Tier 3 John Deere Power Unit**
- Model 4045
- In-Line 4 Cycle Turbo Charged
- Liquid Cooled
- Interim 74HP
- LOFA 750 Standard Instrumentation
- Two year / 2000 Hour Warranty
- **Fuel Cell Skid w/ Lifting Bell**
- 96gal fuel cell
- Customer specified fittings
- Work Light and pressure gauges
- Skid mounted W/ fork pockets and single point lifting bail
- **Silent Enclosure**
- 74DBA For Residential Silence applications
- Removable Enclosure for Engine Service

DP74S 6x6 Silent Pack Pump

OUTER SHELL	Galvaneal Steel
FRAME	Galvaneal Steel
INSULATION	Sound foam 1 1/2" thick
INTERIOR LINING	Complete sound attenuation interior
COATING	1-3 mil powder coating available in a variety of colors
LATCHES	Vector "T" handle key locking with adjustable cam
HINGES	Long hinge strap Short hinge strap
FASTENERS	Hex head bolts 304 stainless Hex nuts fine thread 304 stainless Flat washers 304 stainless Hex head sheet metal screws or self drilling screws 304 stainless Aluminum pop rivets All other bolts, screws or fasteners should be 304 stainless Hinge grease fittings 304 stainless

All prices and specifications are subject to change without prior notice. All prices are confidential.



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DP173S 12X8 Pump



SPECIFICATIONS:

8NNT Cornell Pump Package with 173HP John Deere Engine; Vac Assisted Pump; w/ Silent Pack

8NNT Cornell Redi-Prime Pump W/ 8"X12" Suction Spool

- All Iron Construction
- Horizontal Engine Mount
- SAE 3 Bell Housing
- 11.5" Drive Coupling
- Tungsten to Silicon Carbide Mechanical Seal.
- Run-Dry reservoir
- Redi-Prime Priming System
- Grease lubricated Bearings
- Enclosed Stainless Impeller w/ 3" solids handling capability

173HP Tier III John Deere Power Unit

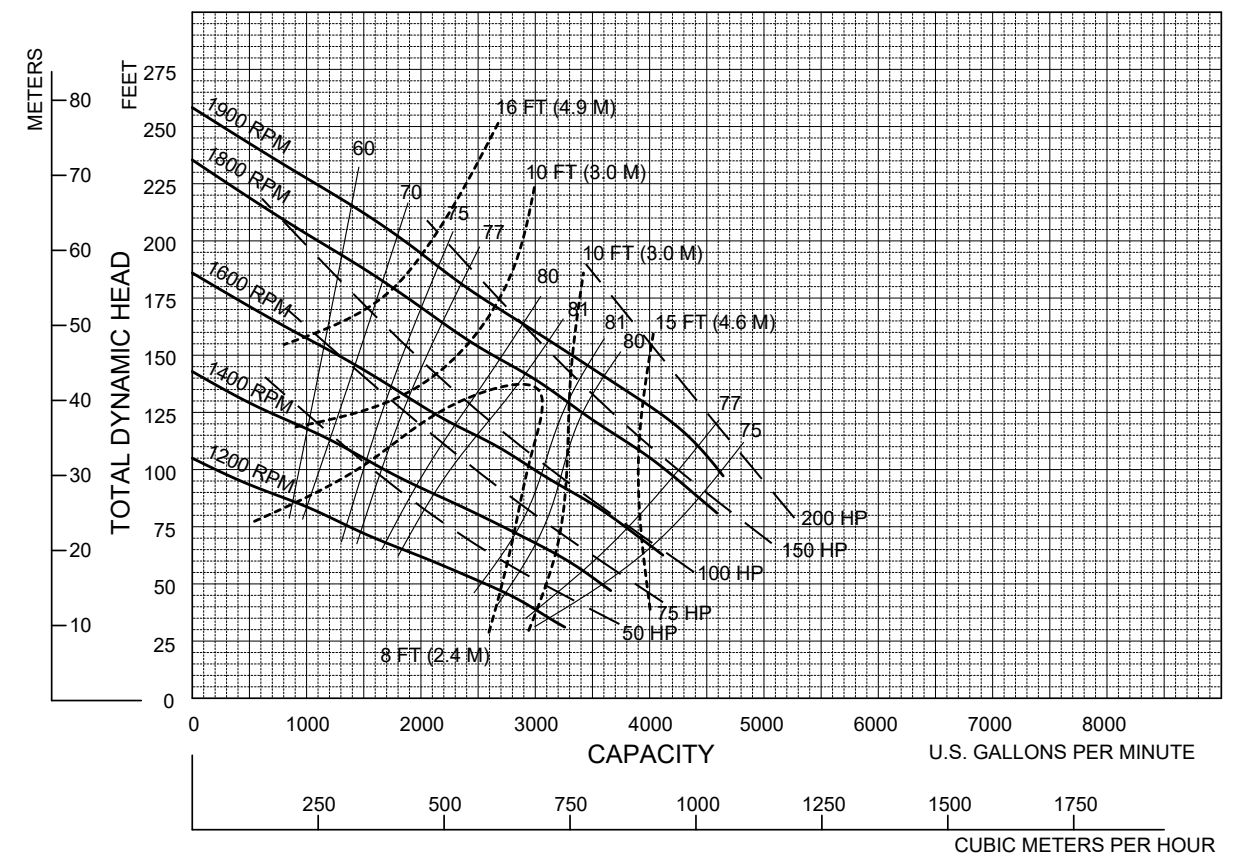
- Model 6068
- In-Line 4 Cycle Turbo Charged
- Liquid Cooled
- 12 Volt
- Interim 173HP Limited at 1800RPMs
- LOFA 750 Standard Instrumentation W/ 15amp float switch
- Two year / 2000 Hour Warranty

Dual Axle Fuel Cell Skid w/ Silent Pack Enclosure

- 8k Dual Axle 17" 12ply trailer tires
- 160gal fuel cell
- Over the road light package
- Work Light and pressure gauges
- Dual 8K Leveling Jacks
- 72 DBA for Residential Silence Applications

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DP173S 12X8 Pump



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DP650X 8X6 Pump



SPECIFICATIONS:

6822MX Cornell Pump Package with
650HP Scania Engine; Vac Assisted Pump

6822MX Cornell Redi-Prime Pump

- All Iron Construction
- Horizontal Engine Mount
- SAE 1 Bell Housing
- 14" Drive Coupling
- Tungsten to Silicon Carbide Mechanical Seal.
- Run-Dry reservoir
- Redi-Prime Priming System
- Grease lubricated Bearings
- Enclosed Stainless Impeller w/ 2" solids handling capability

650HP Tier IV Scania Power Unit

- Model DC16 084A
- Turbocharger (VGT);
- Liquid Cooled
- 24 Volt
- LOFA 750 Standard Instrumentation W/ 15amp float switch
- One year unlimited

Non-Containment Bumper Pull Pump Package

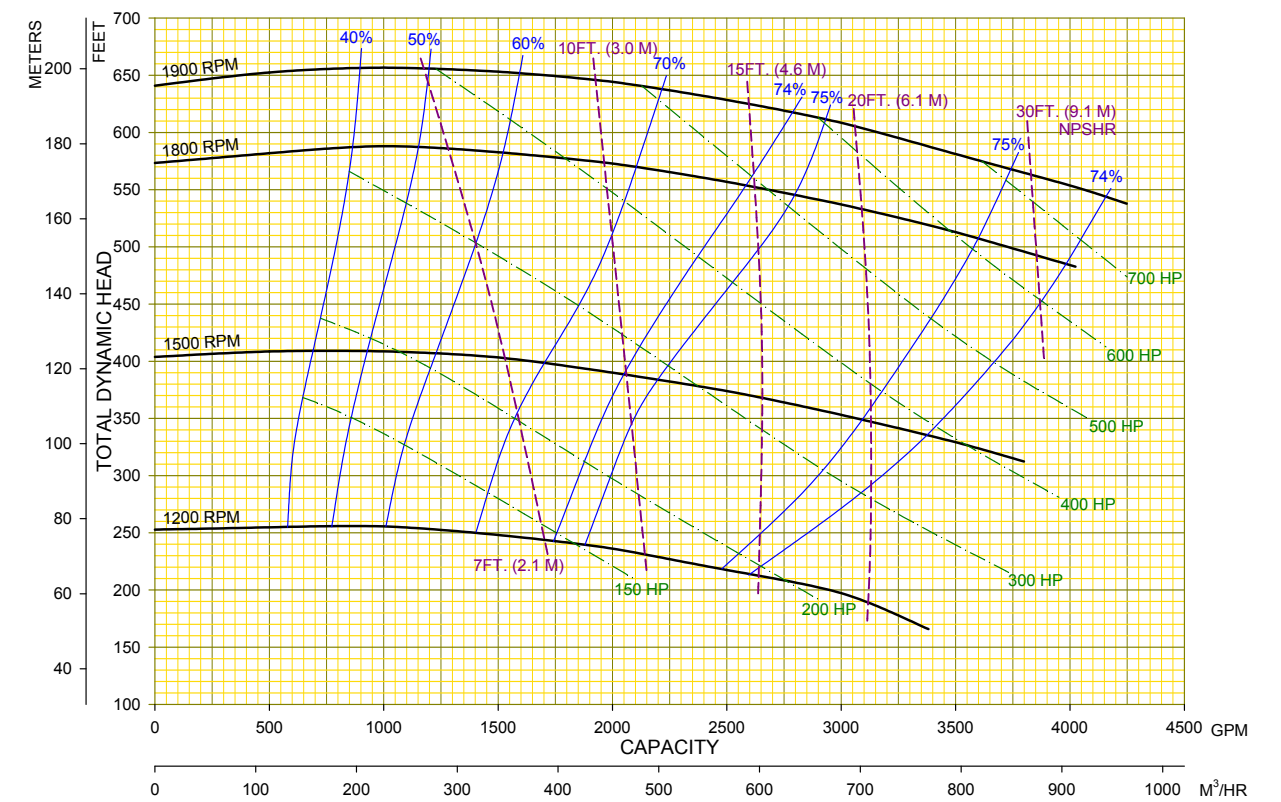
- Dual 10k Axles 16 ply trailer tires
- 180 gal fuel cell
- Over the road light package
- Customer specified fittings
- Work Light and pressure gauges
- Dual 8K Leveling Jacks

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DP650X 8X6 Pump



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DP125 6x6 Pump



Made in the USA!

SPECIFICATIONS:

6NHTA Cornell Pump Package with 125HP John Deere Engine; Vac Assisted Pump

6NHTA Cornell Redi-Prime Pump

- All Iron Construction
- Horizontal Engine Mount
- SAE 3 Bell Housing
- 11.5" Drive Coupling
- Tungsten to Silicon Carbide Mechanical Seal.
- Run-Dry reservoir
- Redi-Prime Priming System
- Oil lubricated Bearings
- Enclosed Stainless Impeller w/ 3" solids handling capability

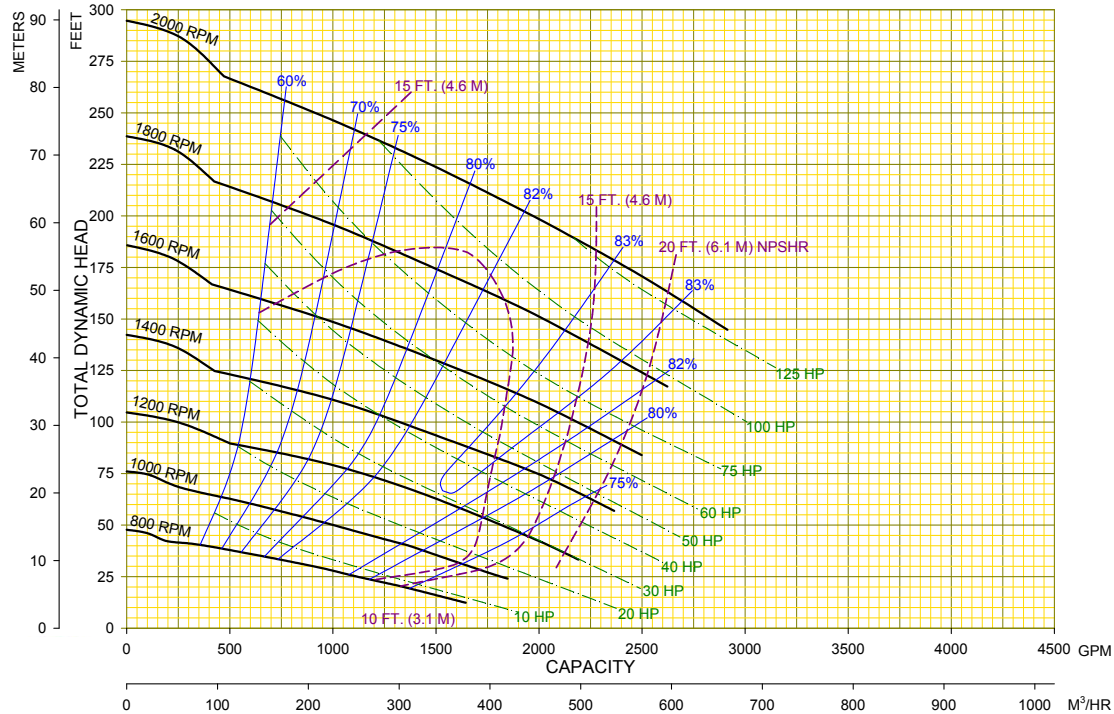
125HP Tier 3 John Deere Power Unit

- Model 4045
- In-Line 4 Cycle Turbo Charged
- Liquid Cooled
- 12 Volt
- Interim 125HP
- LOFA 750 Standard Instrumentation W/ 15amp float switch
- Two year / 2000 Hour Warranty

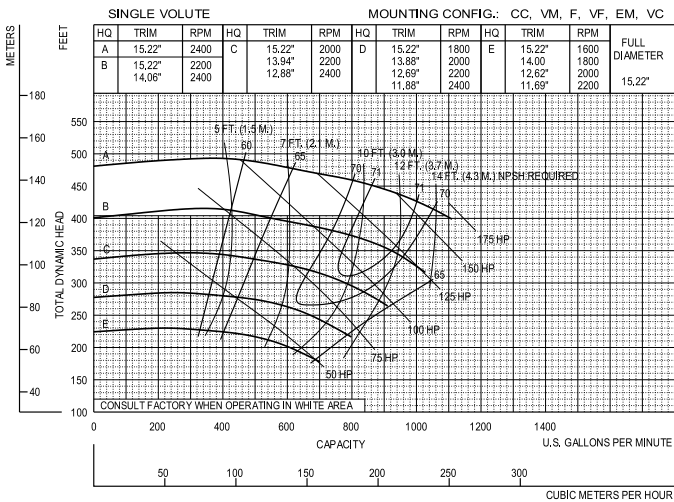
Fuel Cell Skid w/ Lifting Bell

- 6k Single Axle 16" 10ply trailer tires
- 96gal fuel cell
- Over the road light package
- Customer specified fittings
- Work Light and pressure gauges
- Dual 8K Leveling Jacks

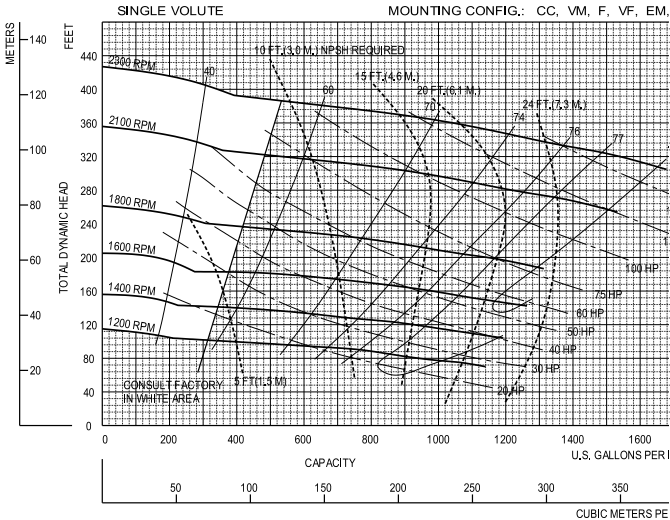
DP125 6x6 Pump



DP125 6x3 Pump Option*



DP125 4x4 Pump Option*



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DP173 12x12 Pump



SPECIFICATIONS:

12NNT Cornell Pump Package with 173HP John Deere Engine; Vac Assisted Pump

- **12NNT Cornell Redi-Prime Pump**
- All Iron Construction
- Horizontal Engine Mount
- SAE 3 Bell Housing
- 11.5" Drive Coupling
- Tungsten to Silicon Carbide Mechanical Seal.
- Run-Dry reservoir
- Redi-Prime Priming System
- Oil lubricated Bearings
- Enclosed Stainless Impeller Trimmed to 13.5" w/ 3" solids handling capability
- **173HP Tier 3 John Deere Power Unit**
- Model 6068
- In-Line 4 Cycle Turbo Charged
- Liquid Cooled
- 12 Volt
- Interim 173HP Limited at 2000RPMS
- LOFA 750 Standard Instrumentation W/ 15amp float switch
- Two year / 2000 Hour Warranty
- Dual Axle Fuel Cell Skid w/ Lifting Bell
- 8k Dual Axle 17" 12ply trailer tires
- 180gal fuel cell
- Over the road light package
- Customer specified fittings
- Work Light and pressure gauges
- Dual 8K Leveling Jacks

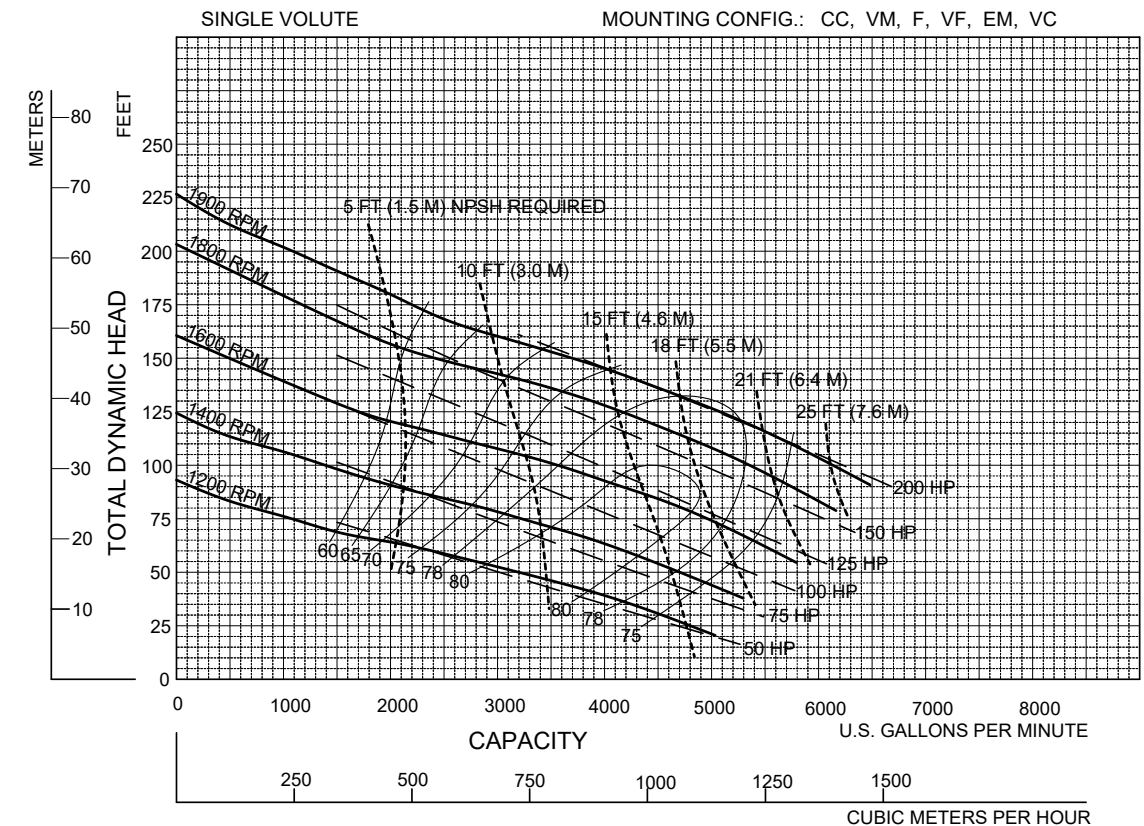


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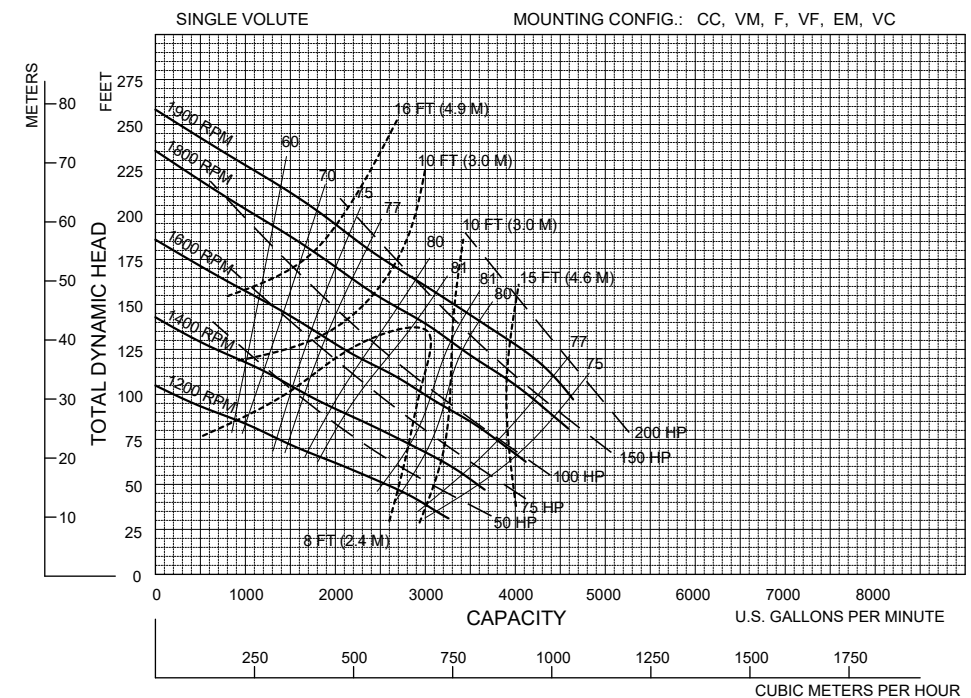
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DP173 12x12 Pump



DP173 8x8 Pump Option*

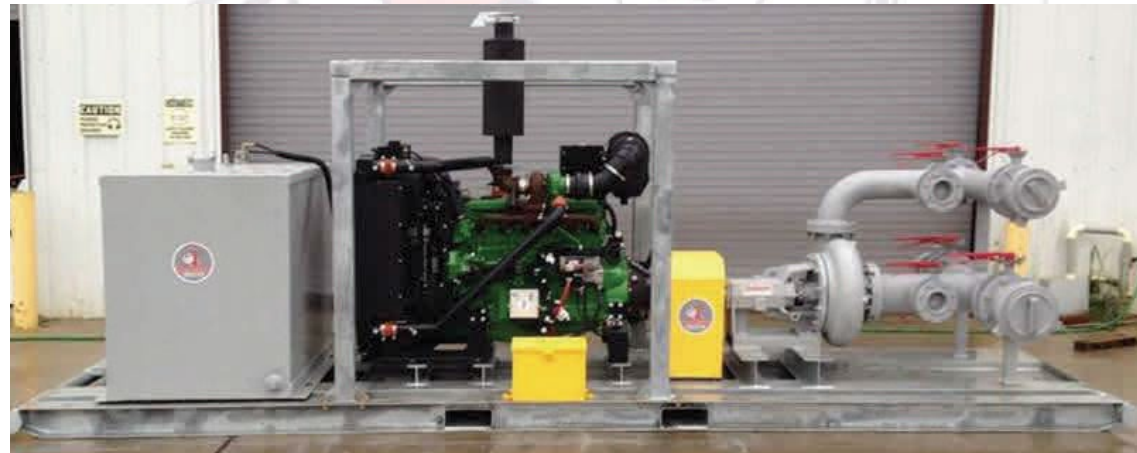


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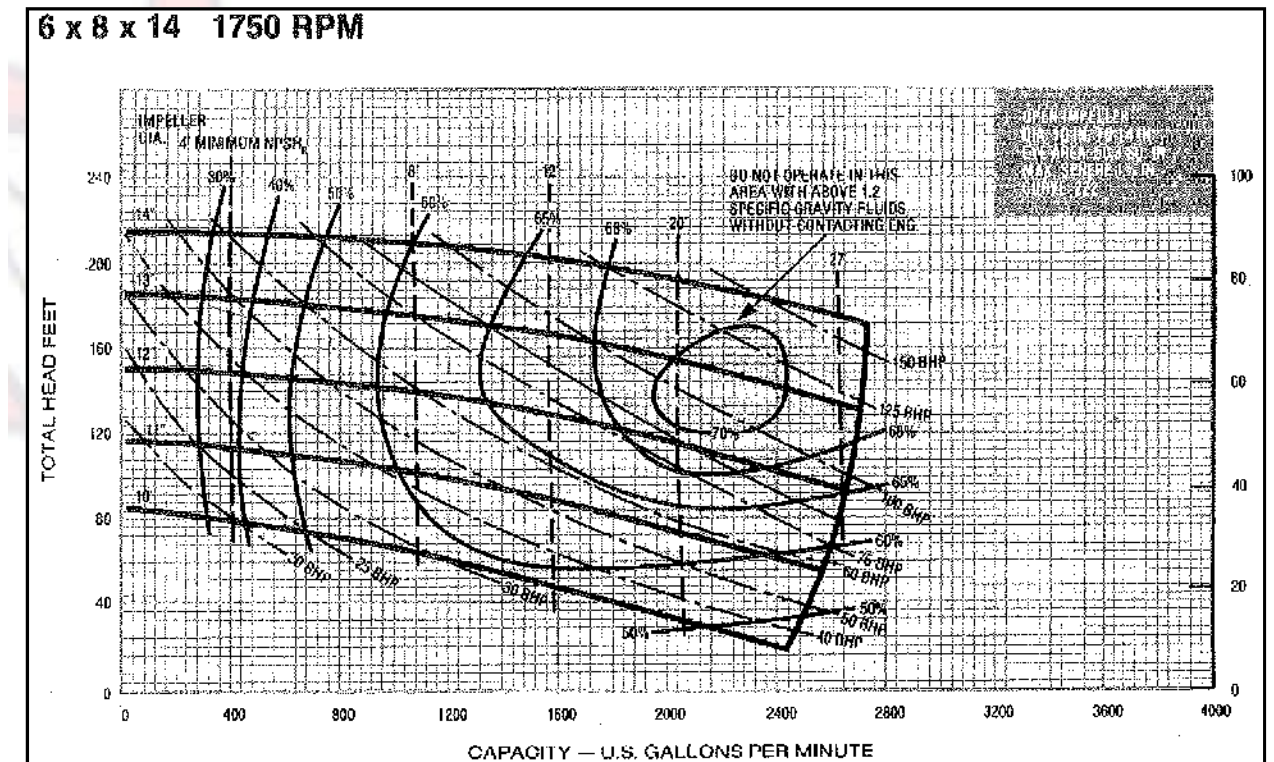
DP173M 8x6 Pump



SPECIFICATIONS:

- 8X6X14 250 Pump Series with 11" Impeller
- 173HP Water Cooled John Deere or 174HP Air Cooled Deutz
- WPT Power Take Off Unit
- 380 Gal Diesel Fuel Tank
- 19' Galvanized Skid
- John Deere Digital Control Panel/Deutz Instrumentation
- Dodge Par-Flex Couplings
- TEE Manifolds, Butterfly valves, and Hammer Unions

DP173M 8x6 Pump



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DP325C 10x8 Pump



SPECIFICATIONS:

8NHTA Cornell Pump Package with 325HP John Deere Engine; Vac Assisted Pump

8NHTA Cornell Redi-Prime Pump

- All Iron Construction
- Horizontal Engine Mount
- SAE 1 Bell Housing
- 14" Drive Coupling
- Tungsten to Silicon Carbide Mechanical Seal.
- Run-Dry reservoir
- Redi-Prime Priming System
- Oil lubricated Bearings
- Enclosed Stainless Impeller w/ 3.38" solids handling capability

325HP Tier IV John Deere Power Unit

- Model 6090HF485
- In-Line 6 Cycle Turbo Charged
- Liquid Cooled
- 12 Volt
- LOFA 750 Standard Instrumentation W/ 15amp float switch
- Two year / 2000 Hour Warranty

Containment Pump Package

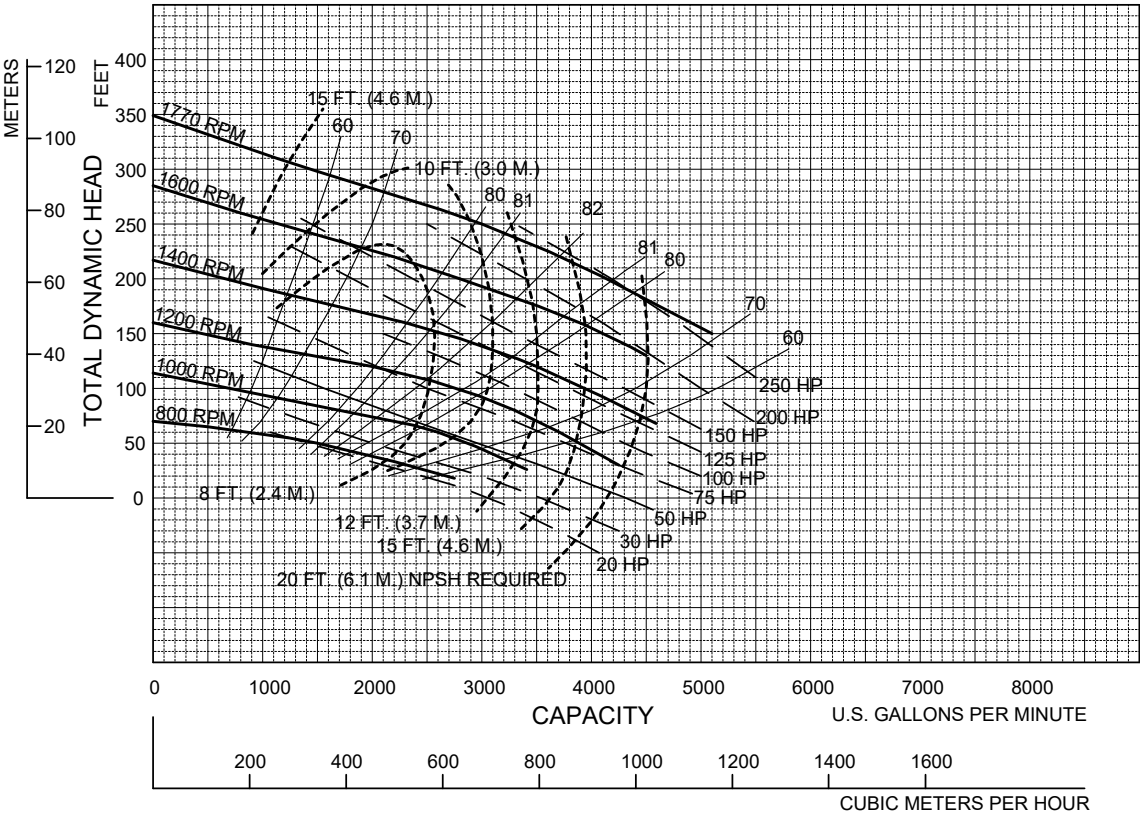
- Dual 8k Axles 16 ply trailer tires
- 180 gal fuel cell
- Over the road light package
- Customer specified fittings
- Work Light and pressure gauges
- Dual 8K Leveling Jacks

DP325C 10x8 Pump

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	17.50"	ENCLOSED	3.38"	1760	10"	8"	2

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



Performances shown are for cool water, close to design conditions. Other mounting styles or liquids may require horsepower and/or performance adjustments.



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DP600 10x8 Pump

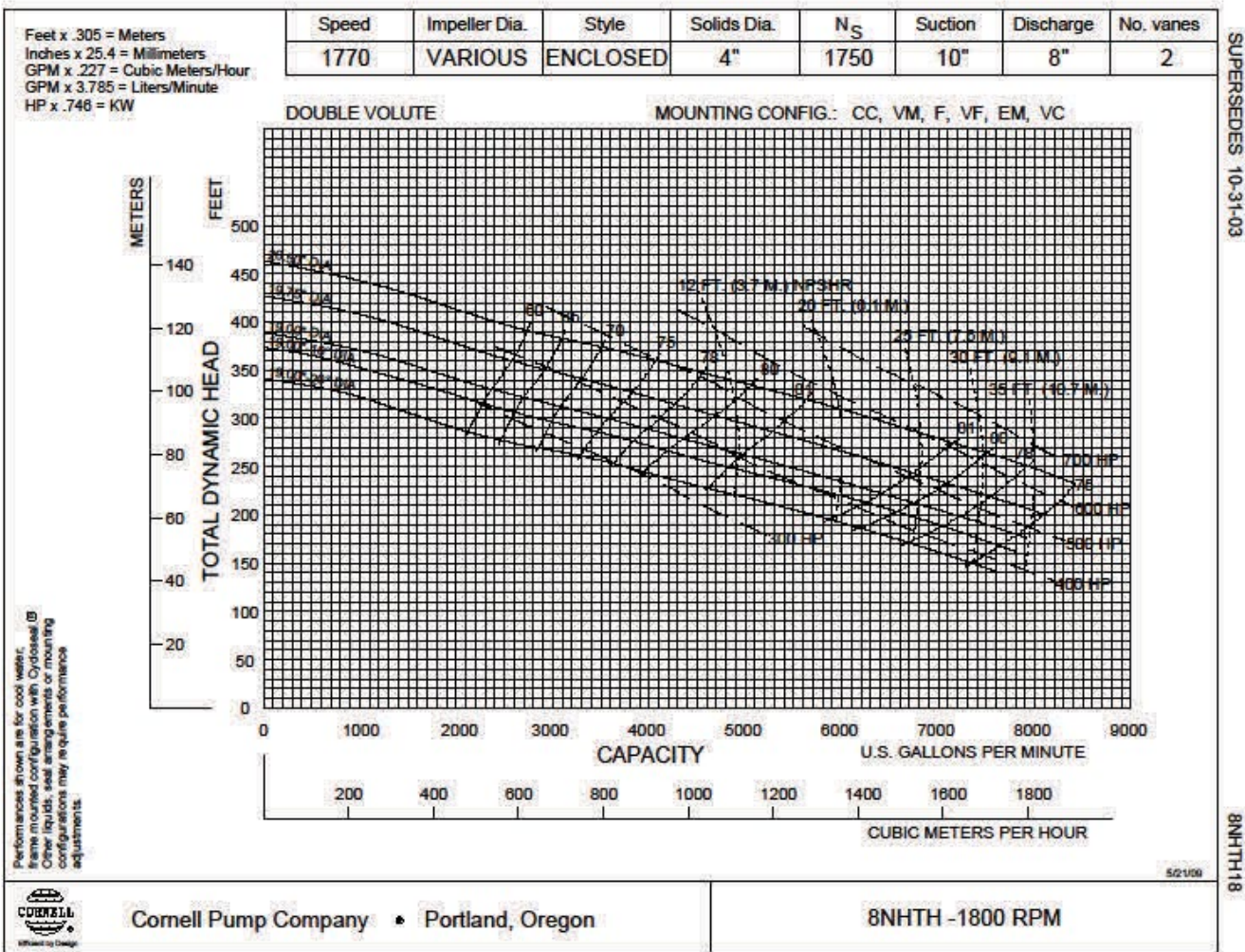


SPECIFICATIONS:

- 10X8 Pump Redi-Prime vacuum assisted with Run Dry mechanical seal
- John Deere 600HP tier IV engine
- Large 20,000# capacity Dual Axle Trailer
- Dual Torsion ride axles with 17.5" 16ply rated tires, 210gal fuel cell with Fuel cap risers
- Electric brakes, 2 back leveling jacks, 2 5/16 Coupler with 5 position channel adjustment
- Check Valve in diaphragm prime line, 1/2" ball valve on centrifugal pump for draining,
- Quad 8" Manifold Suction Dual 8" Manifold Discharge
- 10X8 8NHTH Cornell Redi-Prime 8NHTH-RP-EM18DB-1**
 - All iron construction
 - Horizontal engine mount

- SAE 1 bell housing
- 14" drive coupling
- Tungsten carbide vs. silicon carbide cyclo seal design
- Run-dry reservoir and fittings
- 600HP John Deere Tier IV Diesel Engine**
 - Model 6135H485-600
 - In-Line 6 Cylinder, 4-Cycle Turbocharged
 - Electronic Fuel System
 - Liquid Cooled
 - 600HP / 448kW 2100RPM
 - LOFA 750 W/ Auto Start
 - 2 Stage Air Cleaner / Core and Fan Guards
 - Engine Mounted ECU with de-rates and shut

DP600 10x8 Pump





DP300X 6X4 Electric Pump



4622Mx-Cd4-Rp Cornell Pump Package With 300Hp 1800Rpm Motor

- 4622Mx-Cd4 Cornell Redi-Prime Pump
- Horizontal Frame Mount
- Five Piece Raptor Coupling
- Cd4mcu Wet End
- Tungsten To Silicon Carbide Mechanical Seal.
- Redi-Prime Stainless Priming System
- Grease Lubricated Bearings
- Enclosed Stainless Impeller W/ 22" Impeller

300Hp1800rpm 3/60/460V Tefc Motor

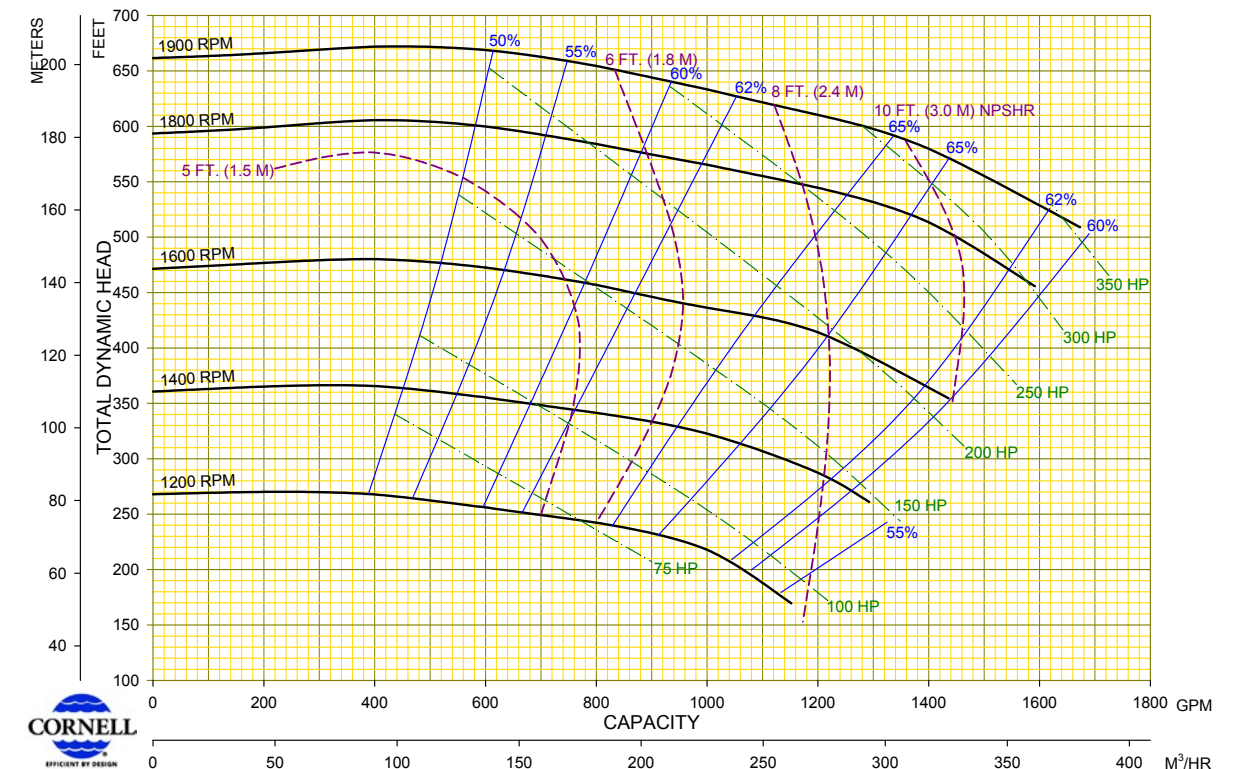
- Division 2, Class I - Abcd

- 447/9T Frame Tefc
- Skid Mount W/ Fork Pockets**
- Single Skid Mounted Pump Package With Fork Pockets
- Stainless Steel Manifold Package.

Combination Vfd Panel – Nema4

- 480Vac/3/60Hz
- Nema 4 Filter Fan / 90 Degrees Ambient Design
- Cover Control – Main Disconnect; Hand Off Auto Selector Switch; Vfd Keypad
- Terminals For – Auto Start/Stop; Speed Reference; Remote Es

DP300X 6X4 Electric Pump



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DP173X 6x3 Pump



SPECIFICATIONS:

3617MX Cornell Pump Package with 173HP John Deere Engine; Vac Assisted Pump

3617MX Cornell Redi-Prime Pump

- All Iron Construction
- Horizontal Engine Mount
- SAE 3 Bell Housing; 11.5" Drive Coupling
- Tungsten to Silicon Carbide Mechanical Seal.
- Run-Dry reservoir
- Redi-Prime Priming System
- Grease lubricated Bearings
- Enclosed Stainless Impeller

173HP Tier III John Deere Power Unit

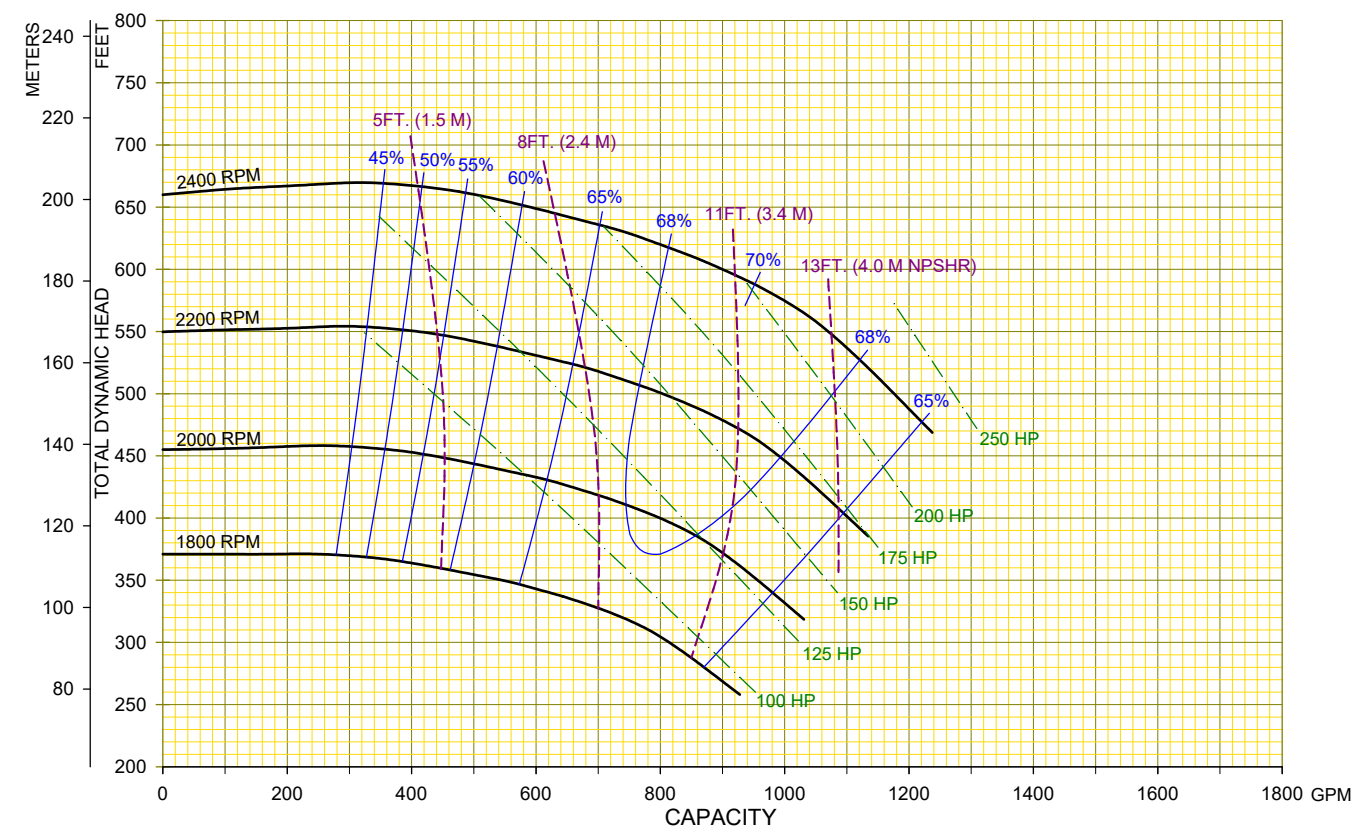
- Model 6068
- In-Line 4 Cycle Turbo Charged

- Liquid Cooled
- 12 Volt
- Interim 173HP Limited at 2150RPMs
- LOFA 750 Standard Instrumentation W/ 15amp float switch
- Two year / 2000 Hour Warranty

Single Axle Fuel Cell Skid w/ Lifting Bell

- 6k Axle 16" 10ply trailer tires
- 96gal fuel cell
- Over the road light package
- Customer specified fittings
- Work Light and pressure gauges
- Dual 8K Leveling Jacks

DP173X 6x3 Pump



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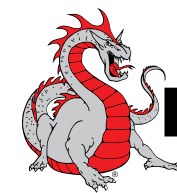
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