

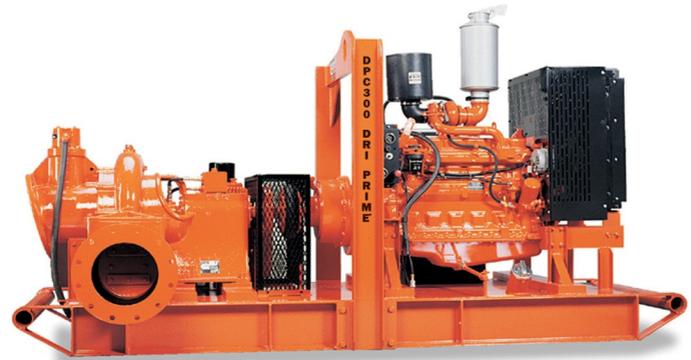
# DPC300 Dri-Prime® Pump

WITH FINAL TIER 4 DIESEL ENGINE

The Godwin Dri-Prime DPC300 pump offers flow rates to 4660 USGPM and has the capability of handling solids up to 3.7" in diameter.

The DPC300 is able to automatically prime to 28' of suction lift from dry. Automatic or manual starting/stopping available through integral mounted control panel or optional wireless-remote access.

Solids handling and portability make the DPC300 the perfect choice for dewatering and bypass applications.



## Features and Benefits

- Simple maintenance normally limited to checking fluid levels and filters.
- Dri-Prime (continuously operated Venturi air ejector priming device) requiring no periodic adjustment. Venturi has no moving parts for simple, reliable operation.
- Extensive application flexibility handling sewage, slurries, and liquids with solids up to 3.7" in diameter.
- Liquid lubricated mechanical seal with high abrasion resistant solid silicon carbide faces and limited dry-running capabilities.
- Pedestal-mounted centrifugal pump with Dri-Prime system coupled to a diesel engine or electric motor.
- All cast iron construction (stainless steel construction option available) with cast steel impeller.
- Also available in a critically silenced unit which reduces noise levels to less than 70 dBA at 30'.
- Standard engine John Deere 4045HFC04 (FT4).

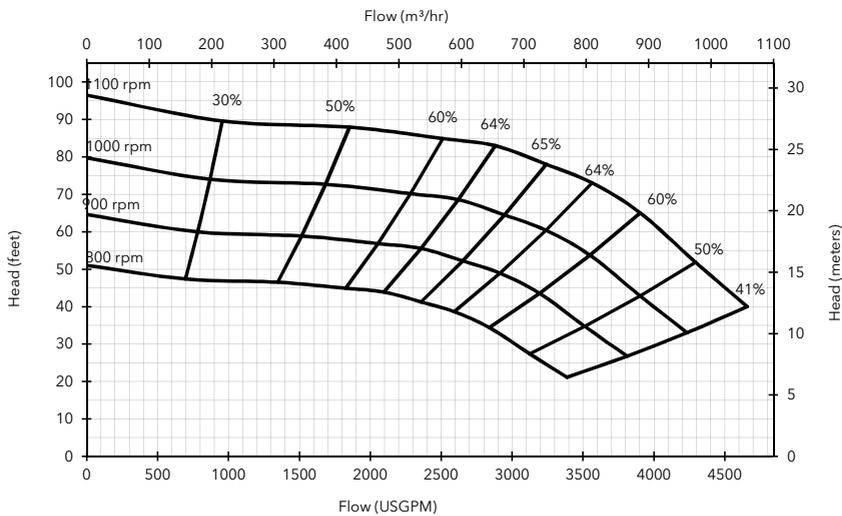
## Specifications

Suction connection	12" 150# ANSI B16.5
Delivery connection	12" 150# ANSI B16.5
Max capacity	4660 USGPM †
Max solids handling	3.7"
Max impeller diameter	16.9"
Max operating temp	176°F*
Max pressure	42 psi
Max suction pressure	29 psi
Max casing pressure	76 psi
Max operating speed	1200 rpm

\* Please contact our office for applications in excess of 176°F.

† Larger diameter pipes may be required for maximum flows.

## Performance Curve



## Materials

Pump casing & suction cover	Cast iron BS EN 1561 - 1997
Wearplates	Cast iron BS EN 1561 - 1997
Pump Shaft	Carbon steel BS 970 - 1991 817M40T
Impeller	Cast iron BS EN 1561 - 1997
Non-return valve body	Cast iron BS EN 1561 - 1997
Mechanical seal	Silicon carbide face; Viton elastomers; Stainless steel body

## Engine option 1

John Deere 4045HFC04 (FT4), 139 HP @ 2200 rpm

Impeller diameter 16.9"

Pump speed 1100 rpm driven by 2.0:1 gearbox

### Suction Lift Table

Total Suction Head (feet)	Total Delivery Head (feet)				
	24	36	47	59	70
	Output (USGPM)				
10	4606	4321	4012	3609	2849
15	4511	4178	3799	3229	950
20	4036	3561	2849	1899	712
25	2137	1899	1424	950	-

Fuel capacity: 150 US Gal

Max Fuel consumption @ 2200 rpm: 7.3 US Gal/hr

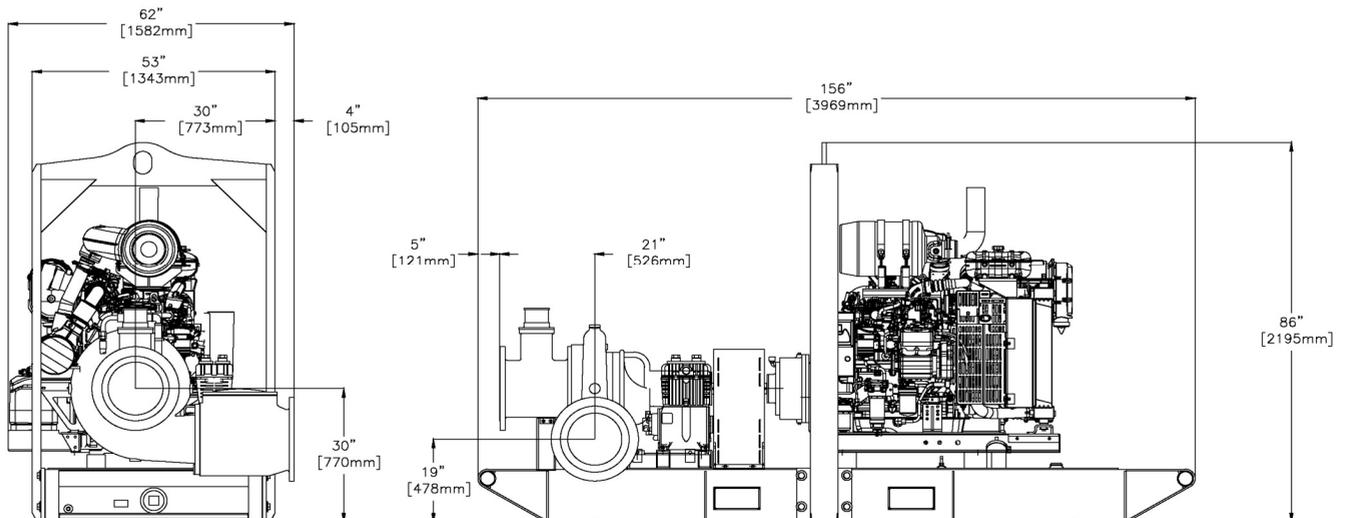
Max Fuel consumption @ 1800 rpm: 6.5 US Gal/hr

Weight (Dry): 7,130 lbs

Weight (Wet): 8,210 lbs

Dim.: (L) 156" x (W) 62" x (H) 86"

Performance data provided in tables is based on water tests at sea level and 20°C ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.



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