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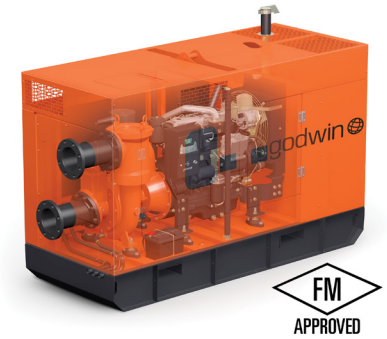
# Godwin FP225 Dri-Prime® Pump




Floods are the single most costly natural hazard for businesses. Godwin FP Dri-Prime® Flood Protection Series pumps are specifically designed to help you confidently face the challenge of destructive floods.

The Godwin FP225 Dri-Prime pump is FM approved to help protect commercial and industrial properties from damage or loss due to flooding from severe weather events. (Approval Identification: 3054115).

The FP225 is primed automatically and its unique mechanical seal design allows the pump to run dry indefinitely. The pump removes water at up to 3,249 USGPM, and is reliable over a wide range of conditions.

## Specifications

| | |
|---|---|
| Suction connection | 8" 150# ANSI B16.5 flange |
| Delivery connection | 8" 150# ANSI B16.5 flange |
| Max capacity | 3,249 USGPM † |
| Max impeller diameter | 2.75" |
| Max solids handling | 11.4" |
| Max operating temp | 176°F* |
| Max working pressure | 64 psi |
| Max suction pressure | 73 psi |
| Max casing pressure | 128 psi |
| Max operating speed | 2000 rpm |

* Please contact our office for applications in excess of 176°F.
† Larger diameter pipes may be required for maximum flows.

## 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.
- Dry-running high pressure liquid bath mechanical seal with high abrasion resistant solid silicon carbide faces.
- Close-coupled centrifugal pump with Dri-Prime system coupled to a diesel engine or electric motor.
- All cast iron construction with cast steel impeller.
- Open set or sound attenuated enclosure available.
- Optional remote monitoring & control through Godwin Field Smart Technology.
- Standard engine John Deere 4045HF280 (T3 Emergency Standby).

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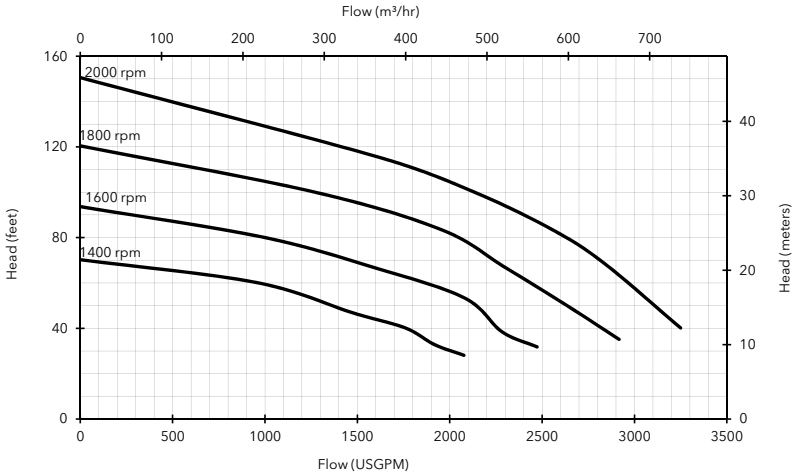
# Godwin FP225 Dri-Prime® Pump

## Performance curve

Pump curve is based on 0ft (0m) dynamic suction lift.




## Suction lift table

| Speed | Suction Lift 25′ | | | | | | |
|---|---|---|---|---|---|---|---|
| 1400 | 33 | 37 | 43 | 49 | 54 | 60 | TDH |
| | 1099 | 878 | 810 | 688 | 488 | 251 | Flow |
| 1600 | 34 | 42 | 59 | 65 | 70 | 79 | TDH |
| | 959 | 1130 | 892 | 699 | 507 | 317 | Flow |
| 1800 | 32 | 45 | 59 | 72 | 85 | 92 | TDH |
| | 1008 | 964 | 888 | 724 | 685 | 453 | Flow |
| 2000 | 33 | 52 | 79 | 95 | 107 | 125 | TDH |
| | 957 | 964 | 894 | 818 | 672 | 322 | Flow |

Performance data provided in tables is based on water tests at sea level and 68°F ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.

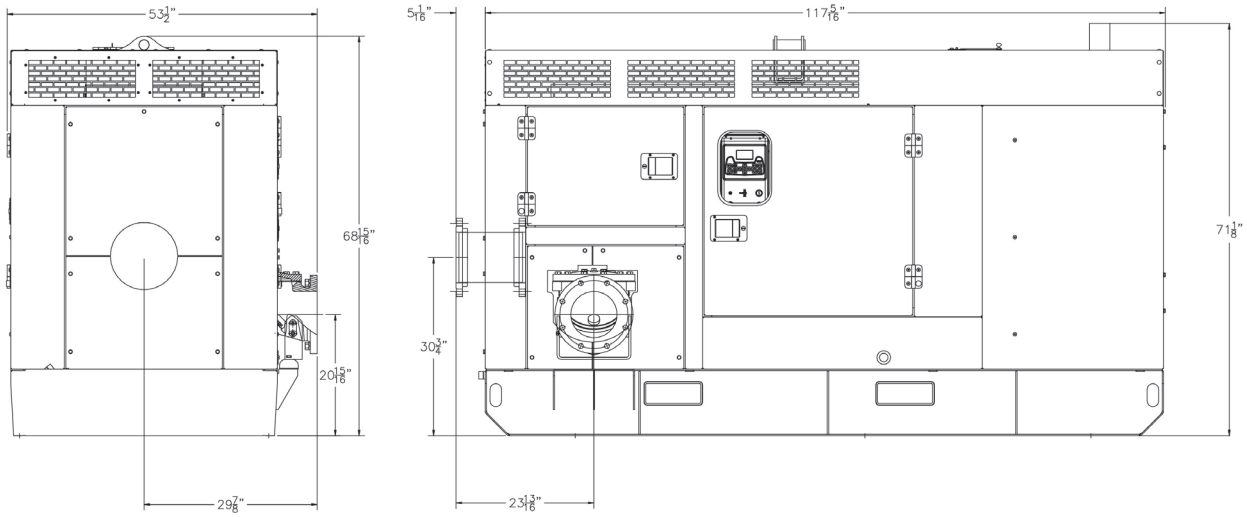
## Materials

| | |
|---|---|
| Pump casing | Cast iron BS EN 1561 - 1997 |
| Wearplates | High Chromium Cast Iron HC403:1977 |
| Pump shaft | Carbon steel BS 970 - 1991 817M40T |
| Impeller | Cast Steel BS3100 A5 Hardness to 200 HB Brinell |
| Non-return valve body | Cast iron BS EN 1561 - 1997 |
| Mechanical seal | Silicon carbide face; Viton elastomers; Stainless steel body |

## Engine

| |
|---|
| John Deere 4045HF280 (T3 Emergency Standby), 98 HP |
| Impeller diameter 11.4" |
| Pump speed 2000 rpm |
| Fuel capacity: 150 US Gal |
| Max Fuel consumption @ 2000 rpm: 5.1 US Gal/hr |
| Max Fuel consumption @ 1800 rpm: 4.8 US Gal/hr |
| Weight (Dry): 4,950 lbs |
| Weight (Wet): 6,030 lbs |
| Dim.: (L) 122" x (W) 54" x (H) 71" |

Please contact the factory or office for further details. A typical picture of the pump is shown. All information is approximate and for general guidance only.





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