

GRIFFIN

12" Variable-Use Non-Clog Pump Model 12NCRD-12NNT



MODEL FEATURES:

- Fully automatic, dry priming and dry running, self-contained, portable pump, non-clog pump unit
- Handles large volumes of air, water, and trash
- Operates efficiently under intermittent flow conditions
- Automatically primes and reprimed at suction lifts of 25 feet or greater

PUMP

MODEL: Cornell
SIZE: 12" x 12" x 14"-10°
CASING: Class 30 cast iron
IMPELLER: 2-port enclosed, non-clog, ASTM A48 class 30 cast iron
SEAL: Silicon-Carbide Cycloseal for dry running and abrasive resistance
SUCTION WEAR PLATE: Cast iron
SHAFT: Stress Proof SAE 1144
SHAFT SLEEVE: Stainless steel
SOLIDS HANDLING: 4"

ENGINE

MAKE: John Deere
MODEL: 6068HF285
TYPE: 6-cylinder, 4-cycle liquid-cooled, turbo-charged diesel

LUBRICATION: Constant pressure, full flow
AIR CLEANER: Dry type reusable
ELECTRICAL SYSTEM: 12V DC
SAFETY SHUTDOWNS: High head temperature, low oil pressure
MANUFACTURER'S PERFORMANCE:
Rated Power - hp (kW)
intermittent: 156(116)
Rated Speed-rpm: 2400

PRIMING SYSTEM

- Rotary vane, air cooled, oil lubricated
- Priming tank w/cleanout
- Vacuum priming valve w/ float

STANDARD FITTINGS

DISCHARGE VALVE: Cast discharge body with flapper style valve
INLET: 12" Victaulic ® nipple

STANDARD EQUIPMENT

- Fuel Tank Frame w/ 8-hr Standard Capacity Minimum
- Center point lifting bail
- Battery box
- Vacuum gauge with liquid filled, stainless steel case

AVAILABLE OPTIONS

- Optional integral fuel tank frame
- Trailer Mounted
- Enclosed Units

PHYSICAL DIMENSIONS

WEIGHT: 6200 lbs.
LENGTH: 144"
WIDTH: 44"
HEIGHT: 78"



In the interest of product improvement, specifications may change without notice.

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12" VARIABLE-USE PUMP

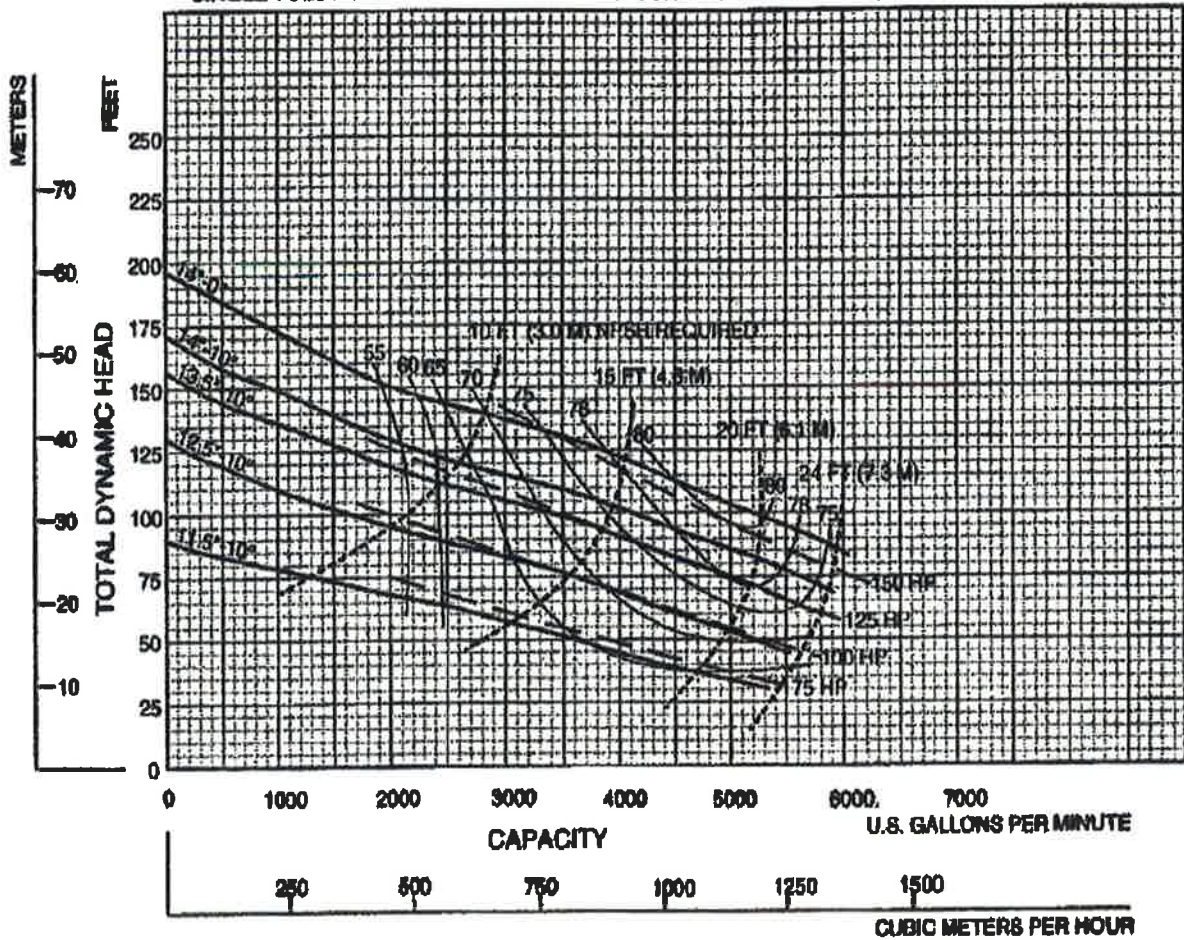
Griffin Model: 12NCRD-12NNT

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
1770	VARIOUS	ENCLOSED	4.00"	3540	10"	12"	2

SINGLE VOLUTE

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



Performance shown are for water, closed-coupled electric configuration with Cyclosoal. Other mounting styles or liquids may require horsepower and/or performance adjustments.

42508



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