

GRIFFIN

12" Variable Use Non-Clog Pump Model: 8NHRD-8NNT



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 re-primers 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 SAW 1144
SHAFT SLEEVE: Stainless steel
SOLIDS HANDLING: 4"

ENGINE

MAKE: John Deere
MODEL: 6068
TYPE: 6-cylinder, 4-cycle water 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 - nominal hp (kW)

intermittent: 156 (116)

Rated speed - rpm: 2400

PRIMING SYSTEMS

- 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

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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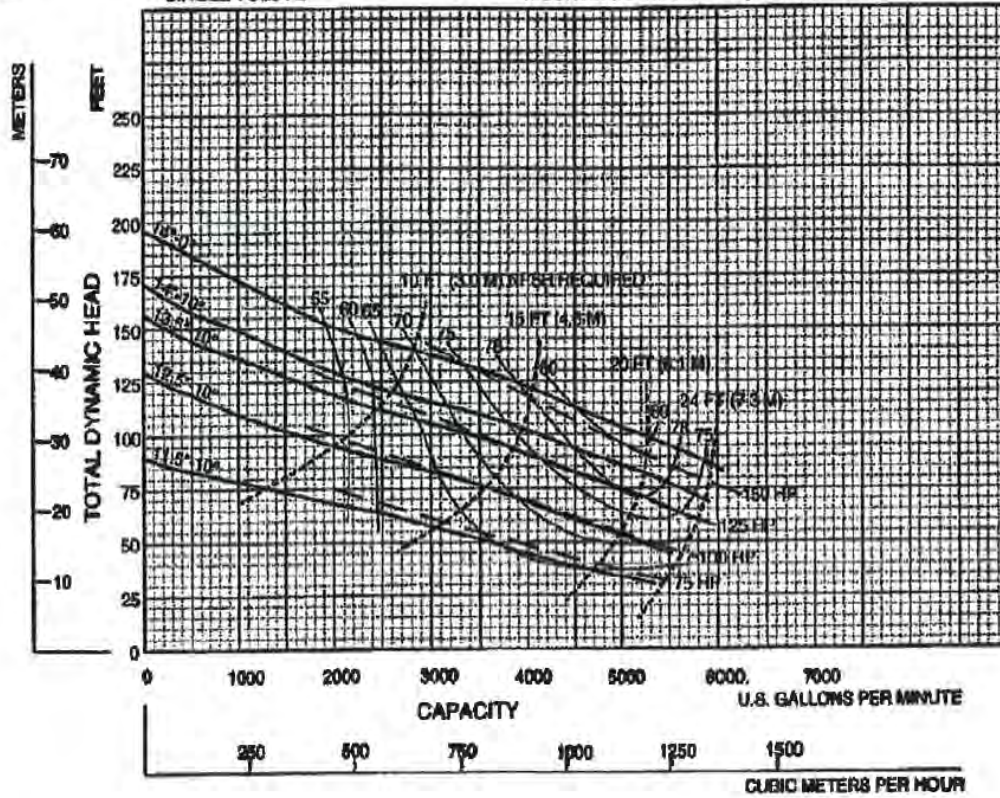
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Feet x .305 = Meters
Inches x 25.4 = Millimeters
GPM x .227 = Cubic Meters/Hour
GPM x 3.785 = Liters/Minute
HP x .746 = KW

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, BM, VC



Performance shown are for each water class. Other mounting options or fluids may require horsepower and/or performance adjustments.

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