DATA SHEET

8NNT-F

***NOW STOCKED IN CD4MCu**

AVAILABLE MOUNTING CONFIGURATIONS

8NNT-F FRAME MOUNT
8NNT-RP-F REDI-PRIME FRAME MOUNT
8NNT-EM ENGINE MOUNT
8NNT-RP-EM REDI-PRIME ENGINE MOUNT
8NNT-VC VERTICAL COUPLED
8NNT-VF VERTICAL FRAME MOUNT

OPERATING LEVELS

MIN FLOW	400 GPM	91 m^3/h
MAX FLOW	4630 GPM	1052 m^3/h
DISCHARGE SIZE	8"	203 mm
SUCTION SIZE	8"	203 mm
SOLIDS HANDLING	3.38"	86 mm
MAX SPEED	1900 RPM	1900 RPM
SHUT-OFF HEAD	258'	79 m
BEP HEAD	150'	45.7 m
BEP FLOW	3295 GPM	748 m^3/h
BEP PERCENT	81%	81%

A typical picture of the pump is shown. Please contact Cornell Pump Company for further details. All information is approximate and for general guidance only.

PARTS	STANDARD MATERIAL (ALL IRON)	CD4MCU
WEAR RING	CAST IRON	CD4MCU
IMPELLER	CAST IRON	CD4MCU
VOLUTE	CAST IRON	CD4MCU
SHAFT	STRESSPROOF STEEL	17-4PH
SHAFT SLEEVE	416 STAINLESS STEEL	316 STAINLESS STEEL
SUCTION COVER	CAST IRON	CD4MCU
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE	TUNGSTEN CARBIDE VS. SILICON CARBIDE
BEARING FRAME	CAST IRON	CAST IRON

The 8NNT pump is designed with Cornell's renowned quality and durability. It features a 8" discharge, 8" suction, and enclosed impeller. Available in All Iron or CD4MCu materials. Cornell's patented Cycloseal® design is standard, with a Type 1 or 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

Frame mounted models: Heavy-duty, grease lubricated, single row ball bearings with a minimum of 50,000 hours bearing life. 900/1200/1800 RPM operating speeds. Vertical configurations include an 8" suction elbow with other options available. Uses an F18 frame (horizontal) or VC18 frame (vertical).

Engine-mounted models: up to 1900 RPM operating speed.

- Cycloseal is Standard
- Heavy Duty Bearing Frame
- Two-year Warranty
- High Efficiency
- Robust Construction
- Optional Redi-Prime Priming system

AGRICULTURE FOOD INDUSTRIAL MINING MUNICIPAL OIL & GAS REFRIGERATION RENTAL

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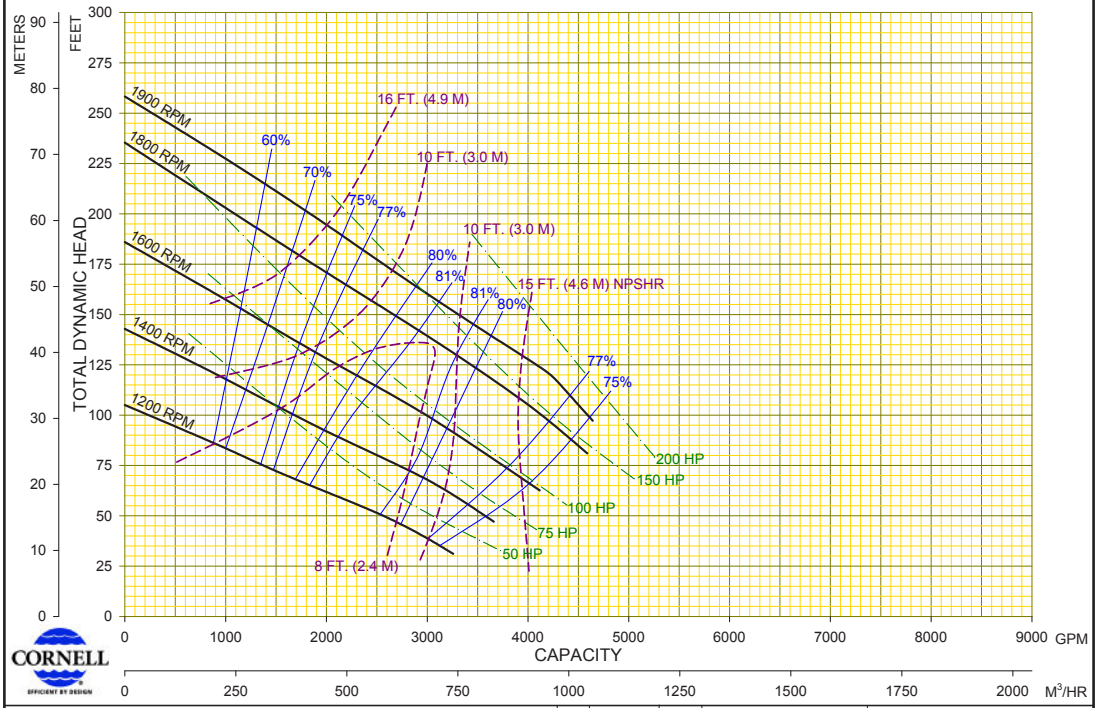
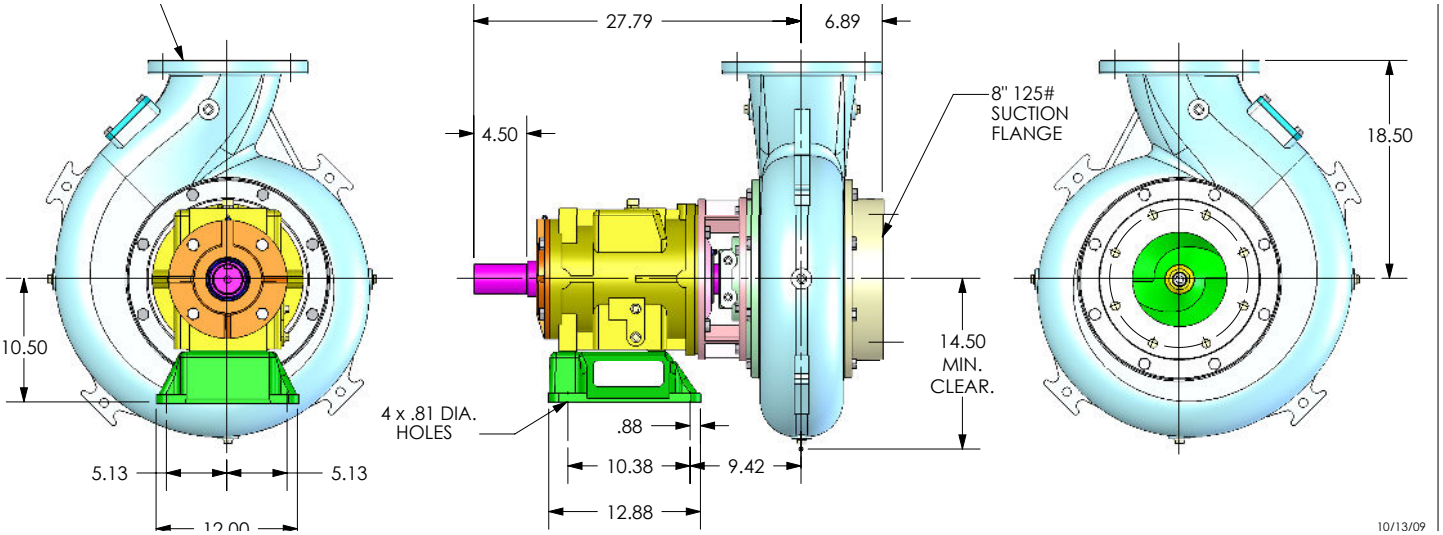
Performances shown are for S.G. 1.0 60°F water, close-coupled configuration. Other mounting styles or S.G. may require curve adjustments.	Speed	Impeller Dia.	Style	Volute	Solids Dia.	N_S	Suction	Discharge	No. Vanes
	VARIOUS	14.00"	ENCLOSED	SINGLE	3.375"	2450	8"	8"	2



Cornell Pump Company • Clackamas, Oregon	01	08/17/15	CTG	8NNT TYPE :SOLIDS HANDLING	CURVE NO: 8NNTVA
	00	01/15/00			



A typical pump configuration is shown. Drawings of other configurations available upon request.

DS067-1804-GE