

10NNT

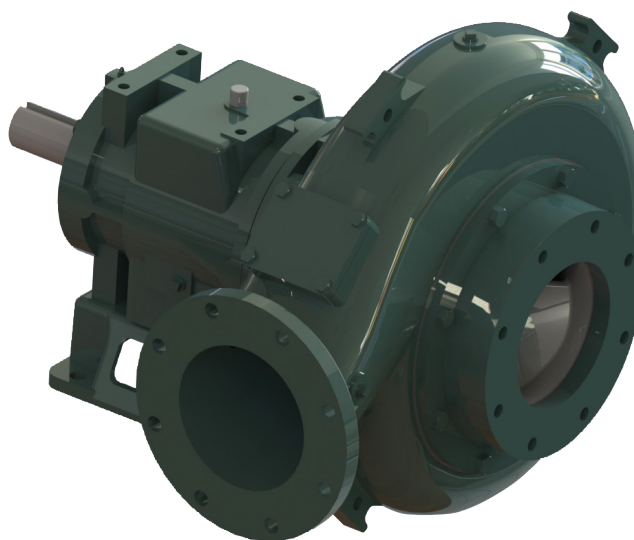


AVAILABLE MOUNTING CONFIGURATIONS

- 10NNT-F FRAME MOUNT
- 10NNT-RP-F REDI-PRIME FRAME MOUNT
- 10NNT-EM ENGINE MOUNT
- 10NNT-RP-EM REDI-PRIME ENGINE MOUNT
- 10NNT-VF VERTICAL FRAME MOUNT
- 10NNT-VC VERTICAL COUPLED

OPERATING LEVELS

MIN FLOW	1000 GPM	227.1 m ³ /h
MAX FLOW	7985 GPM	1813.6 m ³ /h
DISCHARGE SIZE	10"	254 mm
SUCTION SIZE	10"	254 mm
SOLIDS HANDLING	3.4"	85.9 mm
MAX SPEED	1800 RPM	1800 RPM
SHUT-OFF HEAD	356'	108.5 m
BEP HEAD	199'	60.7 m
BEP FLOW	6600 GPM	1499 m ³ /h
BEP PERCENT	80%	80%



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)
WEAR RING	CAST IRON
IMPELLER	CAST IRON
VOLUTE	CAST IRON
SHAFT	17-4PH STAINLESS STEEL
SHAFT SLEEVE	416 SS
SUCTION COVER	CAST IRON
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE
BEARING FRAME	CAST IRON

The 10NNT pump is designed with Cornell's renowned quality and durability. It features a 10" discharge, 10" suction, and enclosed 2-vane impeller and single volute with 125# rated flanges. Cornell's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Viton elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- Heavy-duty bearing frame
- Patented Cycloseal design
- Heavy duty construction
- Wide flow and head ranges
- RunDry™ option (Indefinite run dry capability)
- Redi-Prime® available for fully-automatic continuous priming



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

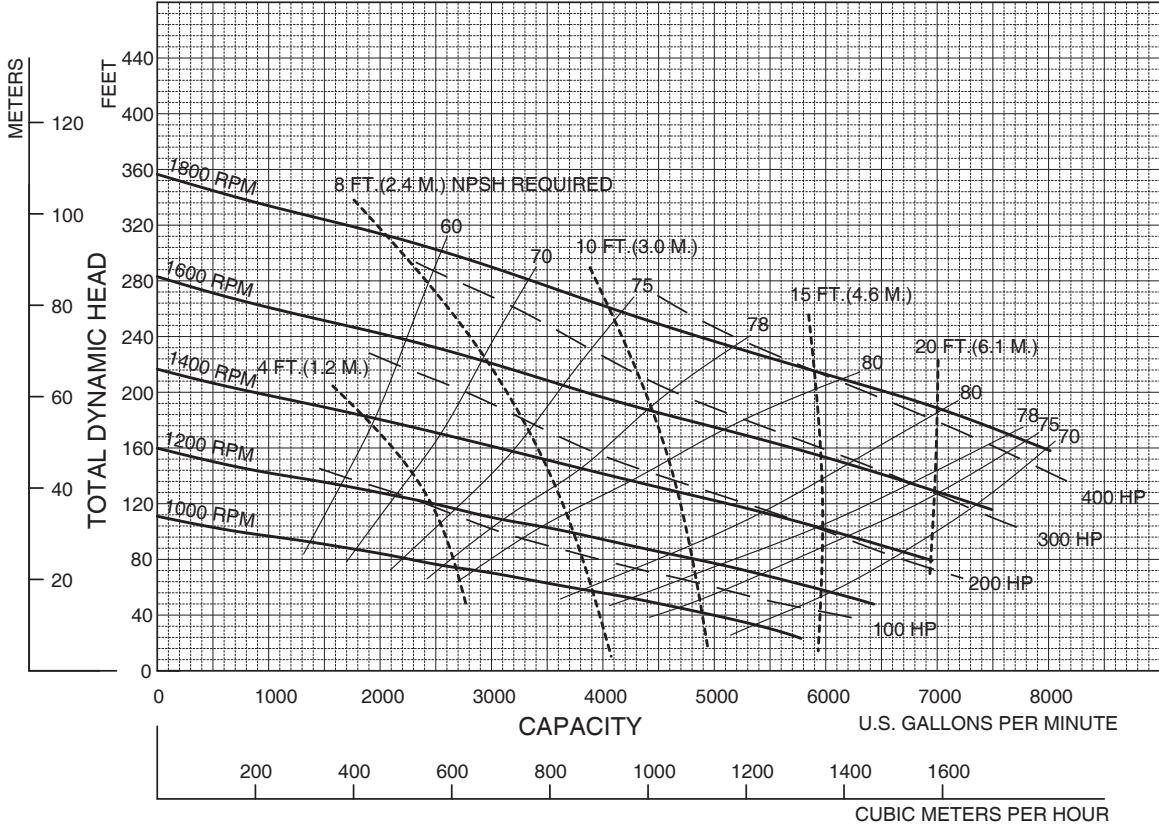
10NNT



Speed	Impeller Dia.	Style	Solids Dia.	N _s	Suction	Discharge	No. vanes
VARIOUS	17.5"	ENCLOSED	3.38"	2750	10"	10"	2

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

SINGLE VOLUTE MOUNTING CONFIG.: F, VF, EM, VC



Performances shown are for cool water, frame mounted configuration with Cyclo Seal.® Other liquids, seal arrangements or mounting configurations may require performance adjustments.

6/13/07



Cornell Pump Company • Portland, Oregon

10NNT - VARIOUS RPM

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