

8NNT-CC

***NOW STOCKED IN CD4MCu**

AVAILABLE MOUNTING CONFIGURATIONS

8NNT-CC CLOSE-COUPLED
 8NNT-VM VERTICAL CLOSE-COUPLED
 8NNT-SUB SUBMERSIBLE

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	122'	37.2 m
BEP HEAD	258'	79 m
BEP FLOW	3295 GPM	748 m ³ /h
BEP PERCENT	81%	81%



A typical picture of the pump is shown. Please contact Gemstone 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	1040 STEEL	17-4PH
SHAFT SLEEVE	416 STAINLESS STEEL	CD4MCU
BACKPLATE	CAST IRON	CD4MCU
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE	TUNGSTEN CARBIDE VS. SILICON CARBIDE
BEARING FRAME	CAST IRON	CAST IRON

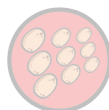
The 8NNT pump is designed with Gemstone's renowned quality and durability. It features an 8" discharge, 8" suction, and enclosed impeller. 900/1200/1800 RPM operating speeds. Available in All Iron or CD4MCu materials. Gemstone's patented Cycloseal® design is standard, with a Type 1 or 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance. Close-coupled configurations include a horizontal or vertical C-face base.

Submersible model: includes a vertical XP submersible motor. Seal is a tandem mechanical seal.

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



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL



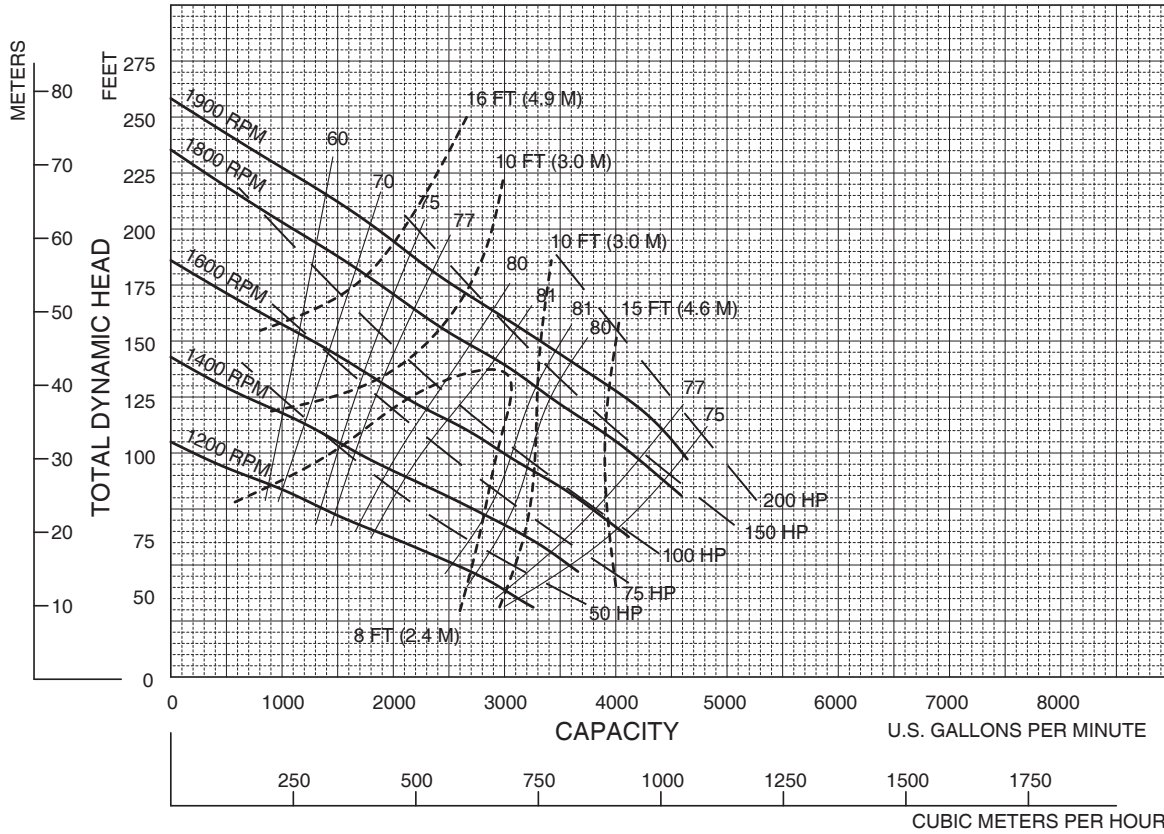
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NEW PAGE

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
VARIOUS	14"	ENCLOSED	3.375"	2450	8"	8"	2

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



Performances shown are for cool water, close-coupled electric configuration with Cycloset®. Other mounting styles or liquids may require horsepower and/or performance adjustments.

8NNT/A

1/00

Gemstone Pump Company

8NNT VARIOUS RPM