

NOW STOCKED IN CD4MCu

AVAILABLE MOUNTING CONFIGURATIONS

6NHTB-RP-F REDI-PRIME FRAME MOUNT
 6NHTB-RP-EM REDI-PRIME ENGINE MOUNT
 6NHTB-F FRAME MOUNT
 6NHTB-EM ENGINE MOUNT
 6NHTB-VF VERTICAL FRAME MOUNT
 6NHTB-VC VERTICAL COUPLED

OPERATING LEVELS

MIN FLOW	300 GPM	68 m ³ /h
MAX FLOW	4042 GPM	918 m ³ /h
DISCHARGE SIZE	6"	152 mm
SUCTION SIZE	10"	254 mm
SOLIDS HANDLING	3.38"	86 mm
MAX SPEED	1770 RPM	1770 RPM
SHUT-OFF HEAD	348'	106 m
BEP HEAD	219'	67 m
BEP FLOW	3709 GPM	842 m ³ /h
BEP PERCENT	80%	80%



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	4140/4142 BD	17-4PH
SHAFT SLEEVE	416 STAINLESS STEEL	17-4PH
SUCTION COVER	CAST IRON	CD4MCU
SEAL HOUSING	CAST IRON	CD4MCU
MECHANICAL SEAL	TYPE 2 TUNGSTEN CARBIDE/SILICON CARBIDE	TYPE 2 TUNGSTEN CARBIDE/SILICON CARBIDE
BEARING FRAME	CAST IRON	CAST IRON

The 6NHTB pump is designed with Gemstone's renowned quality and durability. It features a 6" discharge, 10" suction, enclosed 2-vane impeller, and a centerline or tangential volute. Frame mount versions use the f-18 bearing frame. Available in All Iron or CD4MCu materials. Gemstone's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- Patented Cycloseal® design •
- Redi-Prime® available for fully-automatic continuous priming
- RunDry™ option (Indefinite run dry capability)



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

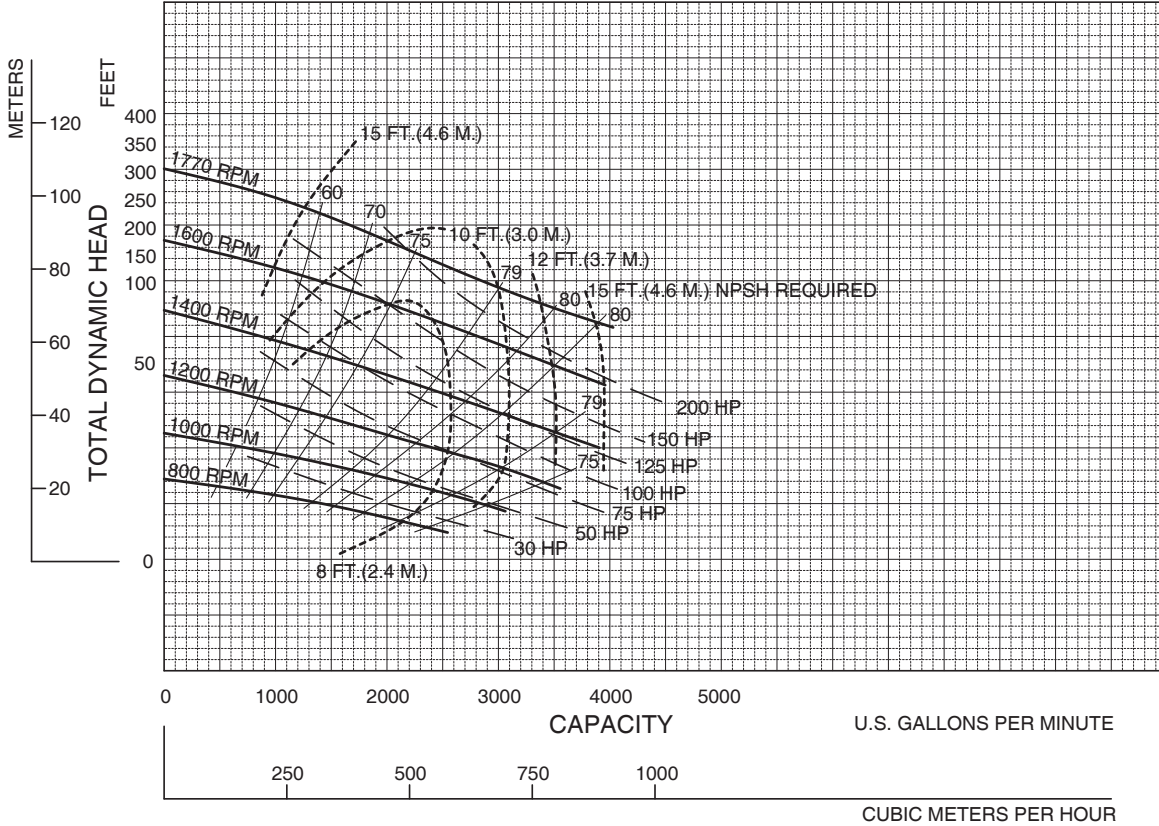


6NHTB

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	17.50"	ENCLOSED	3.38"	1880	10"	6"	2

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



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

9/99

NEW PAGE

6NHTBVA

Gemstone's Pump Company ◊

6NHTB - VARIOUS RPM