

**\*NOW STOCKED IN CD4MCu**

**AVAILABLE MOUNTING CONFIGURATIONS**

- 4NHTB-RP-F Redi-Prime® Frame Mount
- 4NHTB-RP-EM Redi-Prime® Engine Mount
- 4NHTB-F Frame Mount
- 4NHTB-EM Engine Mount
- 4NHTB-VF Vertical Frame Mount

**OPERATING LEVELS**

<b>MIN FLOW</b>	340 GPM	77.18 m <sup>3</sup> /h
<b>MAX FLOW</b>	2000 GPM	454 m <sup>3</sup> /h
<b>DISCHARGE SIZE</b>	4"	101.6 mm
<b>SUCTION SIZE</b>	5"	127 mm
<b>SOLIDS HANDLING</b>	3"	7.62 cm
<b>MAX SPEED</b>	2000 RPM	2000 RPM
<b>SHUT-OFF HEAD</b>	470'	143.3 m
<b>BEP HEAD</b>	393'	119.8 m
<b>BEP FLOW</b>	1863 GPM	422.901 m <sup>3</sup> /h
<b>BEP PERCENT</b>	70%	70%



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
<b>WEAR RING</b>	CAST IRON	CD4MCU
<b>IMPELLER</b>	CAST IRON	CD4MCU
<b>VOLUTE</b>	DUCTILE IRON	CD4MCU
<b>SHAFT</b>	4140/4142 BD	17-4 PH
<b>SHAFT SLEEVE</b>	416 SS	CD4MCU
<b>SUCTION COVER</b>	CAST IRON	CD4MCU
<b>MECHANICAL SEAL</b>	TUNGSTEN CARBIDE X SILICON CARBIDE	TCXSC
<b>O-RINGS</b>	BUNA N	BUNA N

The 4NHTB pump is designed with Gemstone's renowned quality and durability. It features a 4" discharge, 5" suction, and enclosed impeller. Available in All Iron or CD4MCu materials. Gemstone's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- Excellent NPSHr
- Industry-leading efficiencies
- Variable speed
- Patented Cycloseal® design
- Heavy-duty construction • RunDry™ option (Indefinite run dry capability)
- Redi-Prime® available for fully-automatic continuous priming

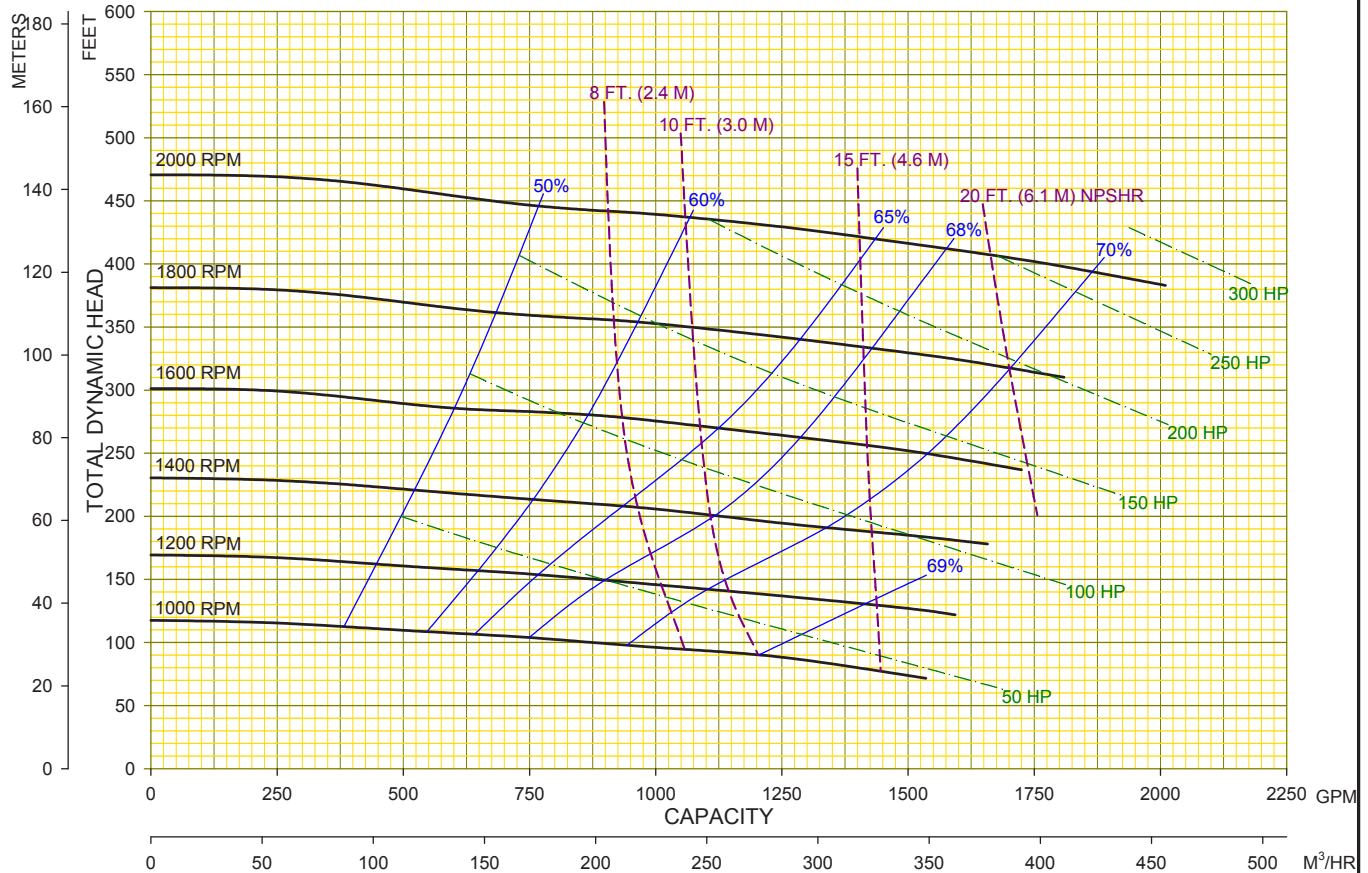




# 4NHTB

Performances shown are for S.G. 1.0  
60°F water, frame mounted configuration,  
with Cyclo Seal. Other mounting styles or  
S.G. may require curve adjustments.

Speed	Impeller Dia.	Style	Volute	Solids Dia.	N <sub>s</sub>	Suction	Discharge	No. Vanes
VARIOUS	17.50"	ENCLOSED	SINGLE	3.00"	980	5"	4"	2



Gemstone Pump Company	01	09/18/15	CTG	MODEL : 4NHTB	CURVE NO: <b>4NHTBVA</b>
	00	07/17/00		TYPE : SOLIDS HANDLING	