

# 6NHTB19



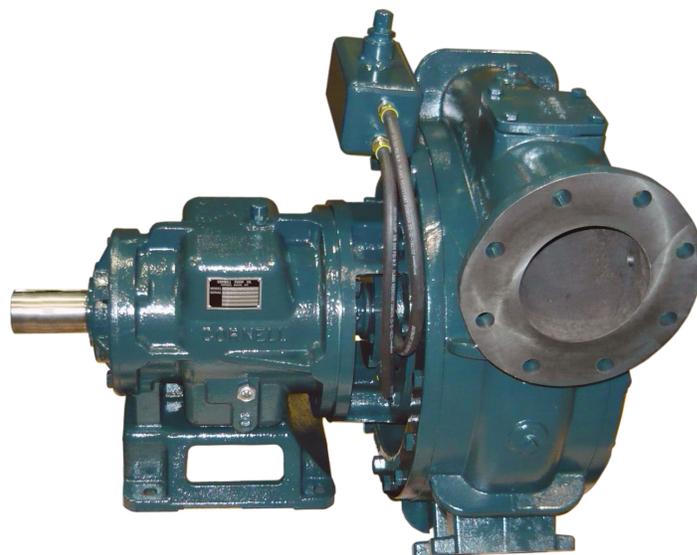
**\*NOW STOCKED IN CD4MCu**

### AVAILABLE MOUNTING CONFIGURATIONS

6NHTB19-RP-F Redi-Prime® Frame Mount  
 6NHTB19-RP-EM Redi-Prime® Engine Mount  
 6NHTB19-F Frame Mount  
 6NHTB19-EM Engine Mount  
 6NHTB19-VF Vertical Frame Mount

### OPERATING LEVELS

<b>MIN FLOW</b>	787 GPM	179 m <sup>3</sup> /h
<b>MAX FLOW</b>	3580 GPM	813 m <sup>3</sup> /h
<b>DISCHARGE SIZE</b>	6"	152 mm
<b>SUCTION SIZE</b>	8"	203 mm
<b>SOLIDS HANDLING</b>	2"	51 mm
<b>MAX SPEED</b>	2100 RPM	2100 RPM
<b>SHUT-OFF HEAD</b>	625'	191 m
<b>BEP HEAD</b>	477'	145 m
<b>BEP FLOW</b>	2386 GPM	542 m <sup>3</sup> /h
<b>BEP PERCENT</b>	72%	72%



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
<b>WEAR RING</b>	CAST IRON	CD4MCU
<b>IMPELLER</b>	CAST IRON	CD4MCU
<b>VOLUTE</b>	CAST IRON	CD4MCU
<b>SHAFT</b>	4140/4142 BD	17-4PH
<b>SHAFT SLEEVE</b>	416 STAINLESS STEEL	316 STAINLESS STEEL
<b>MECHANICAL SEAL</b>	TYPE 2 TUNGSTEN CARBIDE X SILICON CARBIDE	TYPE 2 TUNGSTEN CARBIDE X SILICON CARBIDE
<b>BEARING FRAME</b>	CAST IRON	CAST IRON

The 6NHTB19 pump is designed with Cornell's renowned quality and durability. It features a 6" discharge and a 8" suction. Available in All Iron and CD4MCu materials. Cornell'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



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

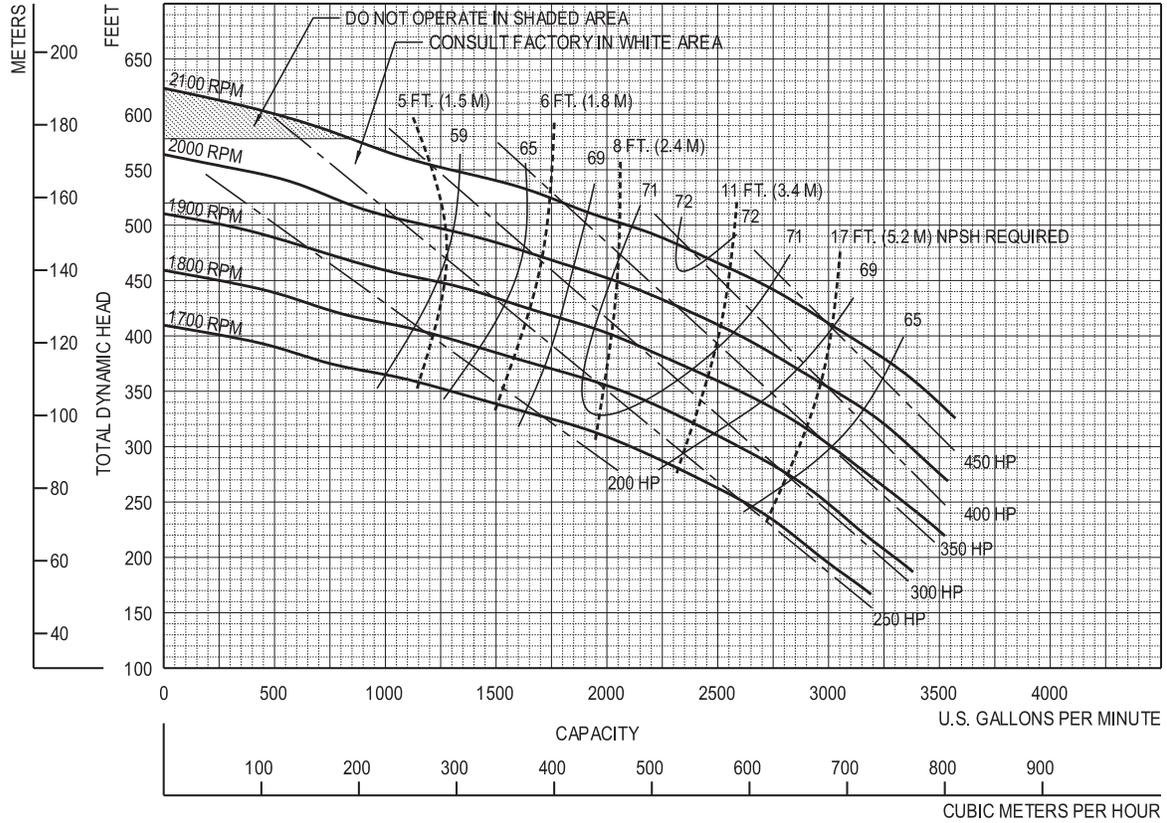
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Speed	Impeller Dia.	Style	Solids Dia.	N <sub>S</sub>	Suction	Discharge	No. vanes
VARIOUS	19.50"	ENCLOSED	2.00"	1050	8"	6"	2

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.

SUPERSEDES: 8/25/11

6NHTB19VA

6/11/13



Cornell Pump Company • Portland, Oregon

6NHTB19 - VARIOUS RPM