



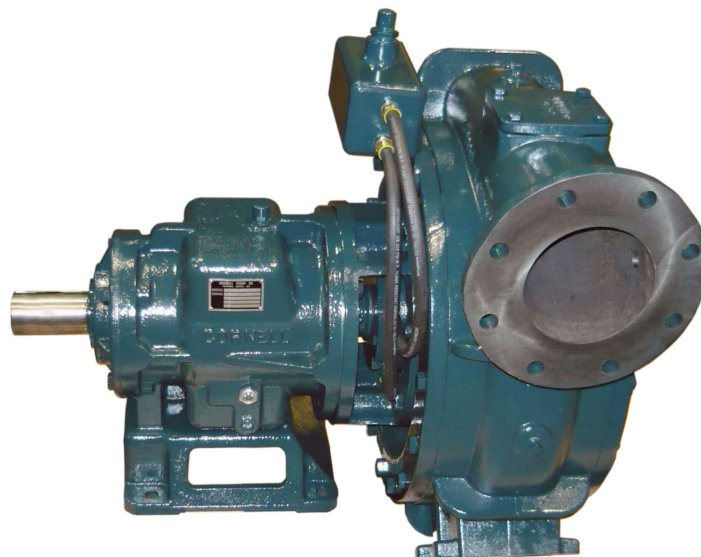
6NHTB19

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

MIN FLOW	787 GPM	179 m³/h
MAX FLOW	3580 GPM	813 m³/h
DISCHARGE SIZE	6"	152 mm
SUCTION SIZE	8"	203 mm
SOLIDS HANDLING	2"	51 mm
MAX SPEED	2100 RPM	2100 RPM
SHUT-OFF HEAD	625'	191 m
BEP HEAD	477'	145 m
BEP FLOW	2386 GPM	542 m³/h
BEP PERCENT	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.

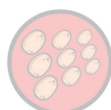
PARTS	STANDARD MATERIAL (ALL IRON)	CD4MCU
WEAR RING	CAST IRON	CD4MCU
IMPELLER	CAST IRON	CD4MCU
VOLUTE	CAST IRON	CD4MCU
SHAFT	4140/4142 BD	17-4PH
SHAFT SLEEVE	416 STAINLESS STEEL	316 STAINLESS STEEL
MECHANICAL SEAL	TYPE 2 TUNGSTEN CARBIDE X SILICON CARBIDE	TYPE 2 TUNGSTEN CARBIDE X SILICON CARBIDE
BEARING FRAME	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

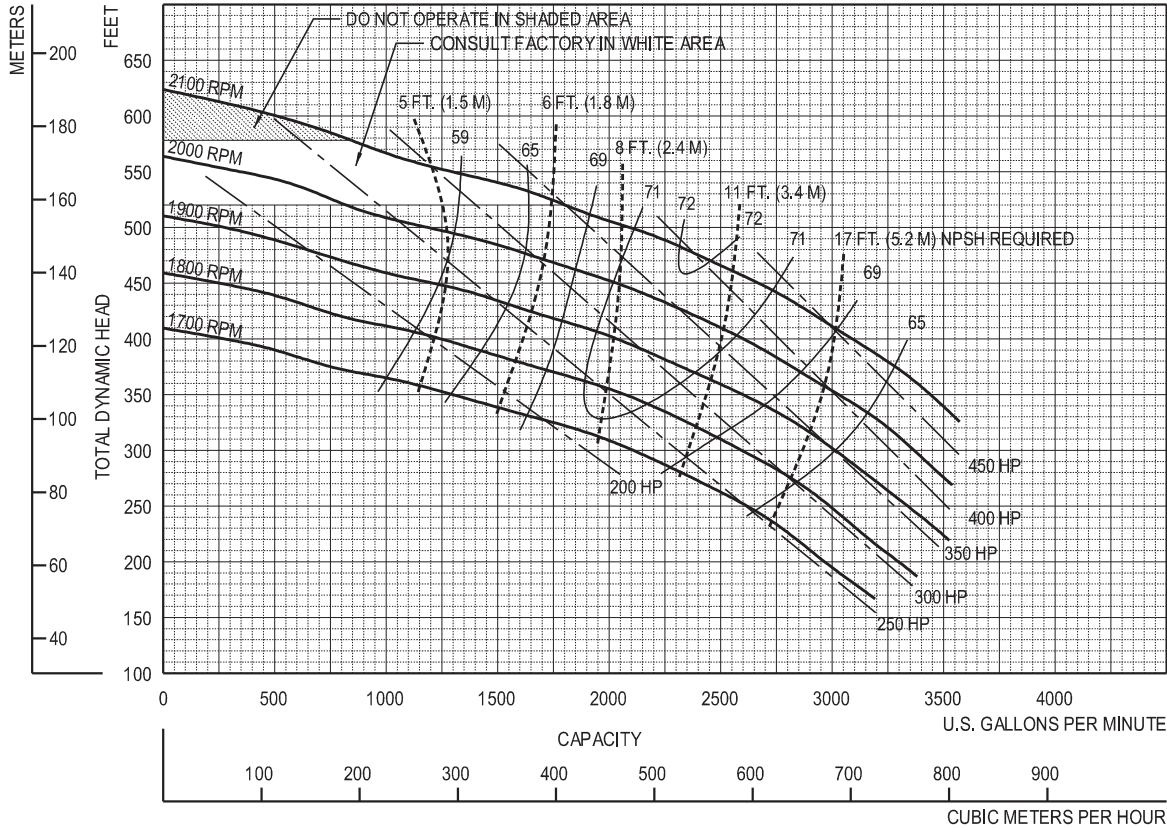
6NHTB19



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	19.50"	ENCLOSED	2.00"	1050	8"	6"	2

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.



Cornell Pump Company • Portland, Oregon

6NHTB19 - VARIOUS RPM

SUPERSEDES: 8/25/11

6NHTB19VA

6/11/13