

# 6NHTC19

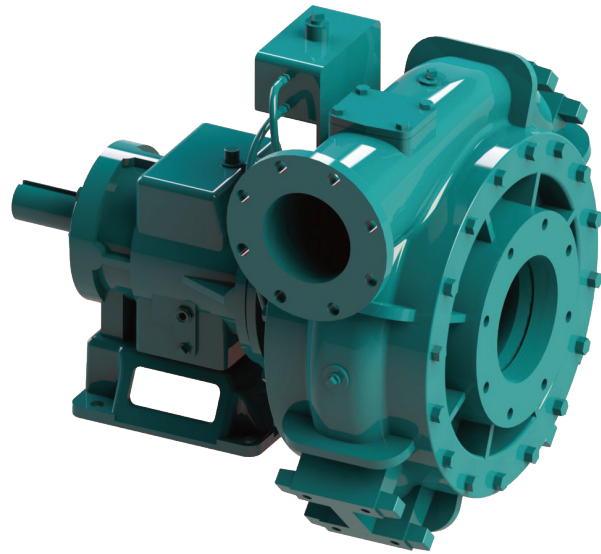


### AVAILABLE MOUNTING CONFIGURATIONS

6NHTC19-RP-F REDI-PRIME® FRAME MOUNT  
 6NHTC19-RP-EM REDI-PRIME® ENGINE MOUNT  
 6NHTC19-F FRAME MOUNT  
 6NHTC19-EM ENGINE MOUNT  
 6NHTC19-VF VERTICAL FRAME MOUNT  
 6NHTC19-VC VERTICAL COUPLED

### OPERATING LEVELS

<b>MIN FLOW</b>	850 GPM	193 m³/h
<b>MAX FLOW</b>	4200 GPM	954 m³/h
<b>DISCHARGE SIZE</b>	6"	152 mm
<b>SUCTION SIZE</b>	8"	203.2 mm
<b>SOLIDS HANDLING</b>	3"	76.2 mm
<b>MAX SPEED</b>	2100 RPM	2100 RPM
<b>SHUT-OFF HEAD</b>	665'	203 m
<b>BEP HEAD</b>	492'	150 m
<b>BEP FLOW</b>	3075 GPM	698 m³/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.

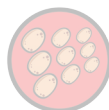
PARTS	STANDARD MATERIAL (ALL IRON)
IMPELLER	DUCTILE IRON
VOLUTE	DUCTILE IRON
SHAFT	17-4 PH STAINLESS STEEL
SHAFT SLEEVE	416 STAINLESS STEEL (CHROME PLATED)
SUCTION COVER	DUCTILE IRON
BACKPLATE	DUCTILE IRON
BEARING FRAME	CAST IRON

The 6NHTC19 pump is designed with Cornell's renowned quality and durability. It features a 6" discharge, 8" suction, and enclosed 2-vane impeller and single, centerline, tangential volute. 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.

- Handles solids up to 3"
- High head operation
- Parts interchangeability with the 6NHTB19
- Patented Cycloseal® design
- Heavy-duty bearing frame
- Redi-Prime® available for fully-automatic continuous priming
- RunDry™ option (Indefinite run dry capability)



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



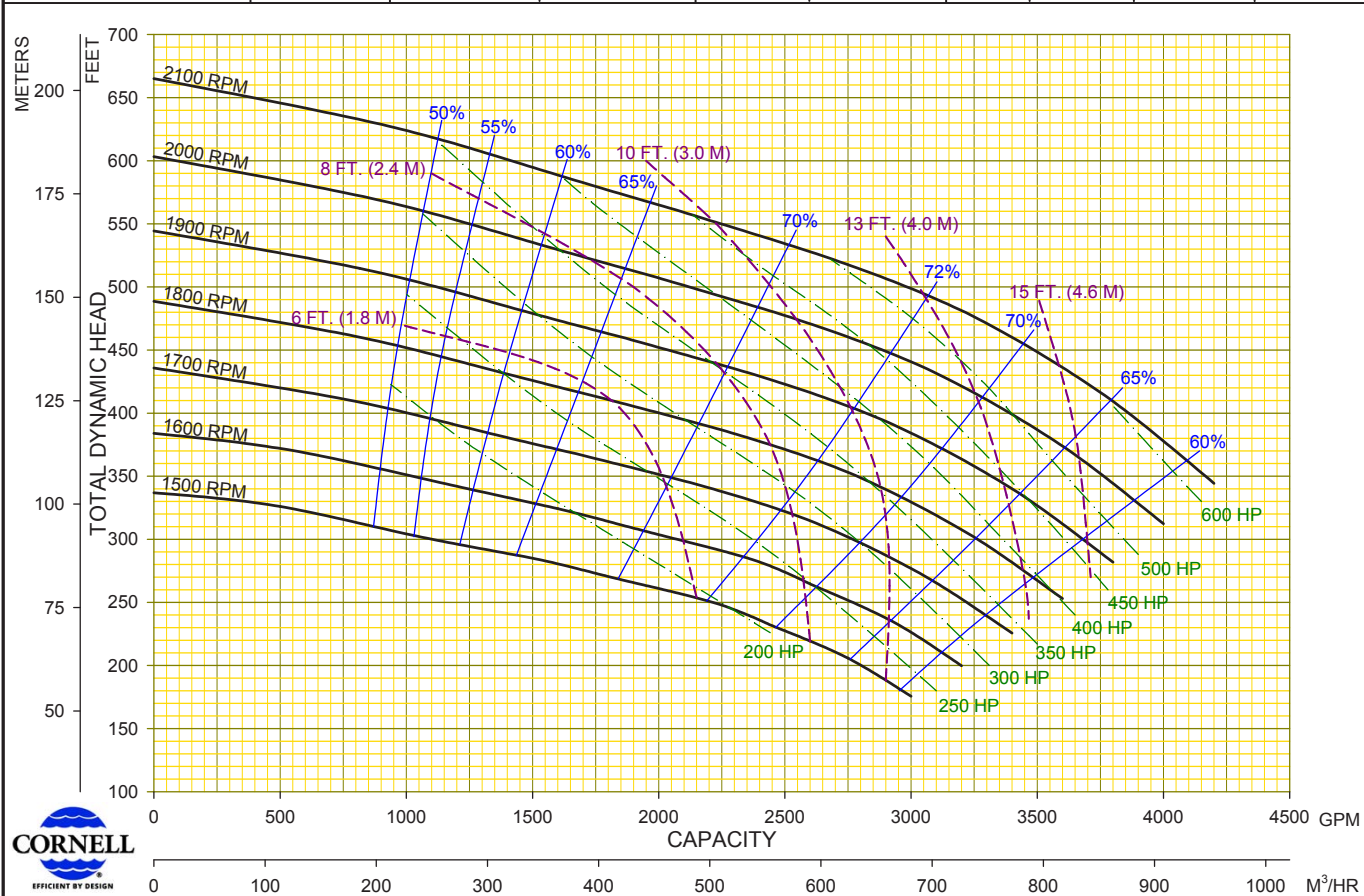
RENTAL

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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	19.50"	ENCLOSED	SINGLE	3.00"	1110	8"	6"	2



Cornell Pump Company • Clackamas, Oregon	01	12/8/15	AE	MODEL : 6NHTC19	CURVE NO: <b>6NHTC19VA</b>
	02	12/23/15	AE		