

# 8NHG19



**\*NOW STOCKED IN CD4MCU**

### AVAILABLE MOUNTING CONFIGURATIONS

8NHG19-F18DB FRAME MOUNT  
 8NHG19-EM18DB ENGINE MOUNT  
 8NHG19-VF18DB VERTICAL MOUNT  
 8NHG19-VC18DB VERTICAL COUPLED

### OPERATING LEVELS

<b>MIN FLOW</b>	1200 GPM	272 m <sup>3</sup> /h
<b>MAX FLOW</b>	7000 GPM	1589 m <sup>3</sup> /h
<b>DISCHARGE SIZE</b>	8"	203 mm
<b>SUCTION SIZE</b>	10"	254 mm
<b>SOLIDS HANDLING</b>	2.44"	62 mm
<b>MAX SPEED</b>	2150 RPM	2150 RPM
<b>SHUT-OFF HEAD</b>	625'	190 m
<b>BEP HEAD</b>	480'	146 m
<b>BEP FLOW</b>	5200 GPM	1180 m <sup>3</sup> /h
<b>BEP</b>	82%	82%



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	2205 DUPLEX STAINLESS STEEL
<b>IMPELLER</b>	DUCTILE IRON	CD4MCU STAINLESS STEEL
<b>VOLUTE</b>	DUCTILE IRON	CD4MCU STAINLESS STEEL
<b>SHAFT</b>	17-4 STAINLESS STEEL	17-4 STAINLESS STEEL
<b>SHAFT SLEEVE</b>	17-4 STAINLESS STEEL	17-4 STAINLESS STEEL
<b>SUCTION COVER</b>	DUCTILE IRON	CD4MCU STAINLESS STEEL

The 8NHG19 pump is designed with Cornell's renowned quality and durability. It features a 8" discharge, 10" suction, and premium hydraulic efficiency. Available in All Iron or CD4MCu materials. Cornell's patented Cycloseal® design is standard.

- Excellent NPSHr
- High efficiency design
- High head operation
- Cycloseal system standard
- Heavy-duty construction
- RunDry™ option (Indefinite run dry capability)
- Unmanned operations
- Redi-Prime® available for fully-automatic continuous priming



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

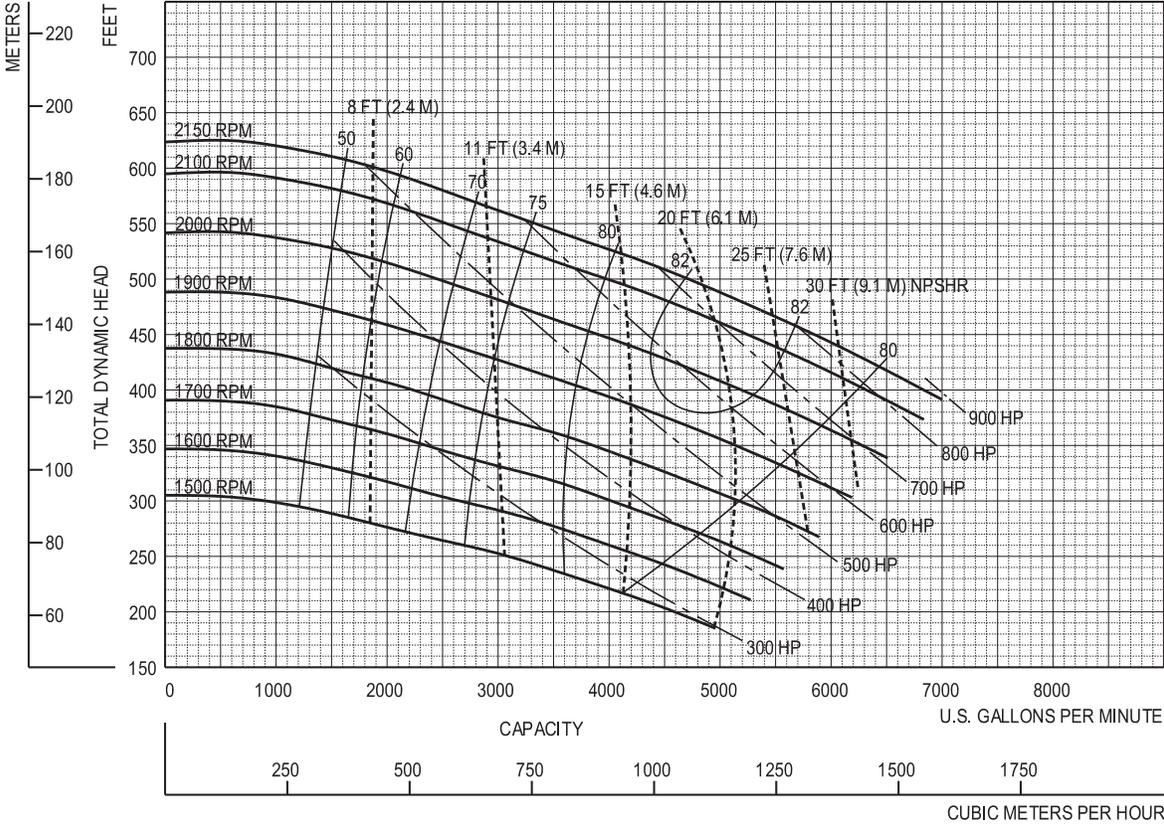
# 8NHG19



Speed	Impeller Dia.	Style	Solids Dia.	N <sub>S</sub>	Suction	Discharge	No. vanes
VARIOUS	19.50"	ENCLOSED	2.44"	1520	10"	8"	3

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

DOUBLE VOLUTE MOUNTING CONFIG.: F, EM, VC, VF



Performances shown are for cool water, frame-mounted configuration. Other mounting styles or liquids may require horsepower and/or performance adjustments.

SUPERCEDES 7/31/13

8NHG19VA

8/19/13



Cornell Pump Company • Portland, Oregon

8NHG19 - VARIOUS RPM