

# 8NHG22



### AVAILABLE MOUNTING CONFIGURATIONS

- 8NHG22-F FRAME MOUNT
- 8NHG22-RP-F REDI-PRIME FRAME MOUNT
- 8NHG22-EM ENGINE MOUNT
- 8NHG22-RP-EM REDI-PRIME ENGINE MOUNT
- 8NHG22-VC VERTICAL COUPLED
- 8NHG22-VF VERTICAL FRAME MOUNT

### OPERATING LEVELS

<b>MIN FLOW</b>	1500 GPM	509.4 m <sup>3</sup> /h
<b>MAX FLOW</b>	7700 GPM	1688.9 m <sup>3</sup> /h
<b>DISCHARGE SIZE</b>	8"	203.2 mm
<b>SUCTION SIZE</b>	10"	254 mm
<b>SOLIDS HANDLING</b>	3"	76.2 mm
<b>MAX SPEED</b>	1900 RPM	1900 RPM
<b>SHUT-OFF HEAD</b>	618'	188.4 m
<b>BEP HEAD</b>	500'	152.4 m
<b>BEP FLOW</b>	7010 GPM	1592.1 m <sup>3</sup> /h
<b>BEP PERCENT</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)
<b>VOLUTE</b>	DUCTILE IRON
<b>SHAFT</b>	17-4PH
<b>IMPELLER</b>	DUCTILE IRON
<b>BACKPLATE</b>	DUCTILE IRON
<b>MECHANICAL SEAL</b>	TUNGSTEN CARBIDE VS SILICON CARBIDE
<b>BEARING FRAME</b>	CAST IRON

The 8NHG22 pump is designed with Cornell's renowned quality and durability. It features a 8" discharge, 10" suction, and enclosed impeller. Cornell's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Viton elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- Heavy-duty bearing frame
- Heavy duty construction
- High head operation
- Enclosed impeller for higher efficiency
- Patented Cycloseal design
- Industry-leading two-year warranty



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REFRIGERATION



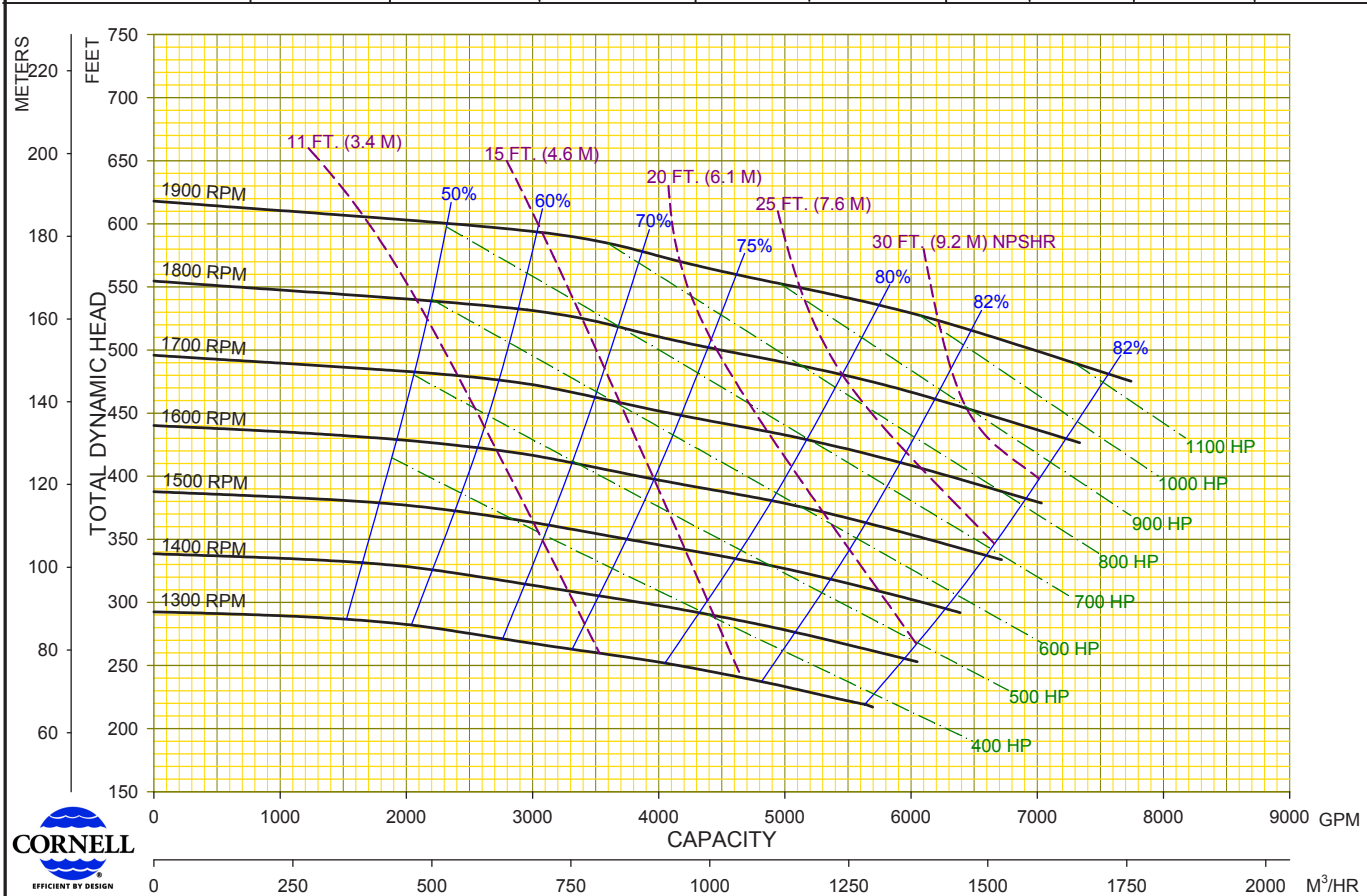
RENTAL

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Performances shown are for S.G. 1.0  
60°F water, frame mounted configuration  
with Cycloseal®. 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	21.95"	ENCLOSED	DOUBLE	3.00"	1500	10"	8"	3



Cornell Pump Company • Clackamas, Oregon	03	06/28/16	CTG	MODEL: 8NHG22	CURVE NO: <b>8NHG22VA</b>
	00	09/22/00	SS	TYPE: SOLIDS HANDLING	