

# 8NHTH



### AVAILABLE MOUNTING CONFIGURATIONS

- 8NHTH-F FRAME MOUNT
- 8NHTH-RP-F REDI-PRIME FRAME MOUNT
- 8NHTH-EM ENGINE MOUNT
- 8NHTH-RP-EM REDI-PRIME ENGINE MOUNT
- 8NHTH-VF VERTICAL FRAME MOUNT

### OPERATING LEVELS

<b>MIN FLOW</b>	800 GPM	182 m <sup>3</sup> /h
<b>MAX FLOW</b>	9390 GPM	2133 m <sup>3</sup> /h
<b>DISCHARGE SIZE</b>	8"	203 mm
<b>SUCTION SIZE</b>	10"	254 mm
<b>SOLIDS HANDLING</b>	4"	102 mm
<b>MAX SPEED</b>	1800 RPM	1800 RPM
<b>SHUT-OFF HEAD</b>	460'	140 m
<b>BEP HEAD</b>	300'	91.44 m
<b>BEP FLOW</b>	6200 GPM	1407 m <sup>3</sup> /h
<b>BEP PERCENT</b>	81%	81%



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>WEAR RING</b>	CAST IRON
<b>IMPELLER</b>	DUCTILE IRON
<b>VOLUTE</b>	DUCTILE IRON
<b>SHAFT</b>	17-4PH
<b>SHAFT SLEEVE</b>	416 STAINLESS STEEL
<b>BACKPLATE</b>	DUCTILE IRON
<b>MECHANICAL SEAL</b>	TUNGSTEN CARBIDE VS. SILICON CARBIDE
<b>BEARING FRAME</b>	CAST IRON

The 8NHTH pump is designed with Cornell's renowned quality and durability. It features an 8" discharge, 10" suction, enclosed impeller, and tangential double volute. Cornell's patented Cycloseal® design is standard, with a Type 1 or 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- Cycloseal sealing system
- Oversize shaft and bearings
- Robust construction
- Optional Redi-Prime Priming system
- High efficiency hydraulics
- Two-year warranty



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS

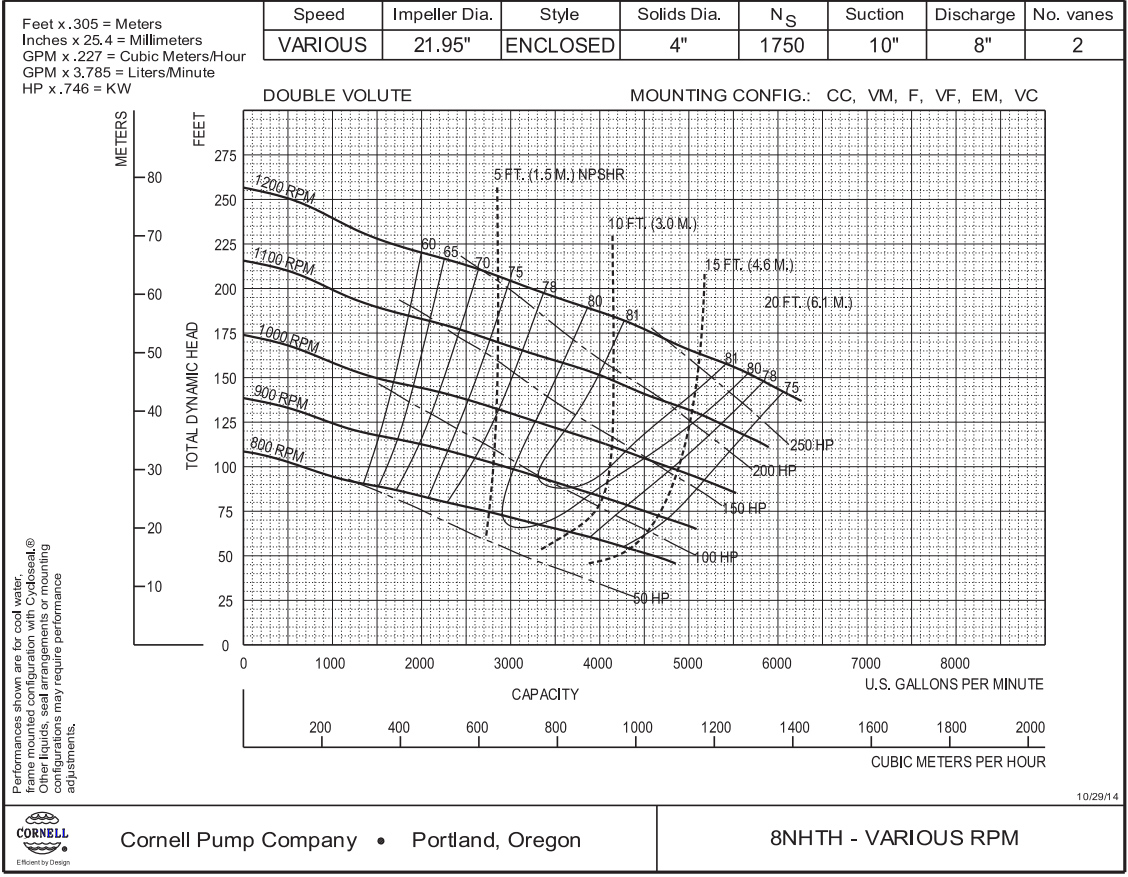


REFRIGERATION



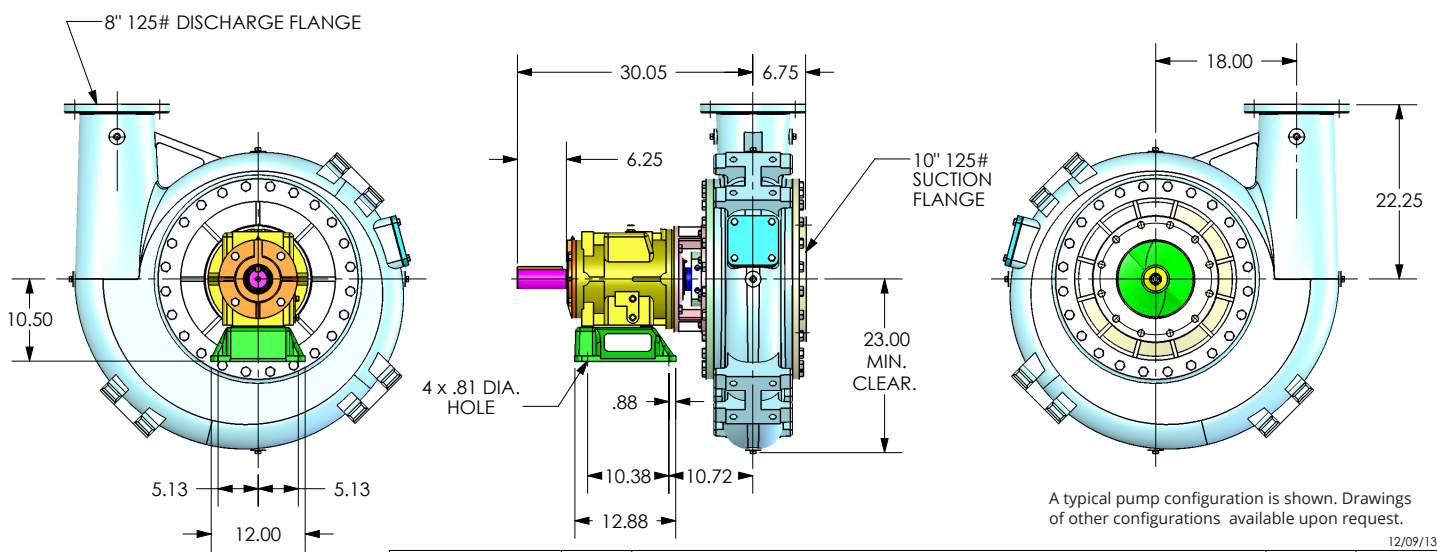
RENTAL

# 8NHTH



NEW PAGE

8NHTHVA



DS8NHTH-103114