

10NNWH

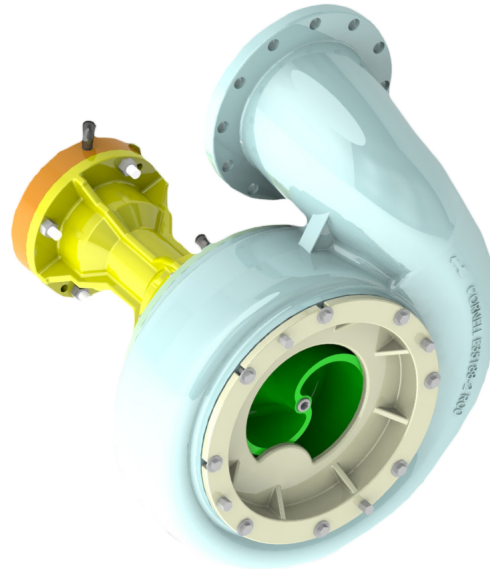


AVAILABLE MOUNTING CONFIGURATIONS

- 10NNWH-VF VERTICAL FRAME MOUNT
- 10NNWH-VSF VERTICAL SUBMERSIBLE FRAME

OPERATING LEVELS

MIN FLOW	1400 GPM	317.97 m ³ /h
MAX FLOW	5400 GPM	1226.47 m ³ /h
DISCHARGE SIZE	10"	254 mm
SUCTION SIZE	10"	254 mm
SOLIDS HANDLING	4"	101.6 mm
MAX SPEED	1500 RPM	1500 RPM
SHUT-OFF HEAD	250'	76.2 m
BEP HEAD	160'	48.76 m
BEP FLOW	3700 GPM	840.36 m ³ /h
BEP PERCENT	61%	61%



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.

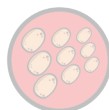
PARTS	STANDARD MATERIAL (ALL IRON)
IMPELLER	CHROME IRON
VOLUTE	DUCTILE IRON; ASTM A536 100-70-03
SHAFT	17-4 P.H. STAINLESS STEEL
SUCTION COVER/CUTTER	CHROME IRON
BACKPLATE	CAST IRON ASTM48 CL30
WEAR PLATE	A2 TOOL STEEL - HEAT TREATED
MECHANICAL SEAL	TUNGSTEN CARBIDE VS SILICON CARBIDE; VITON ELASTOMER
BEARING FRAME	CAST IRON ASTM48 CL30
O-RINGS	BUNA

The 10NNWH pump is designed with Cornell's renowned quality and durability. Driven by a hydraulic power unit, it is designed to submerge in a slurry such as manure. This cutter pump with the stationary knife cutting against the open face vanes of the impeller deals with ragging and plugging of materials such as stringy straw. It features a 10" discharge, 10" suction, 4" max solids size, and semi-open impeller and an axial discharge volute. 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 construction
- Flow rates up to 5400 GPM / Heads up to 250'
- Hardness >650BHN wears better than standard cast iron
- Handles solids up to 4"
- Industry-leading two-year warranty
- Patented Cycloseal® design



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS

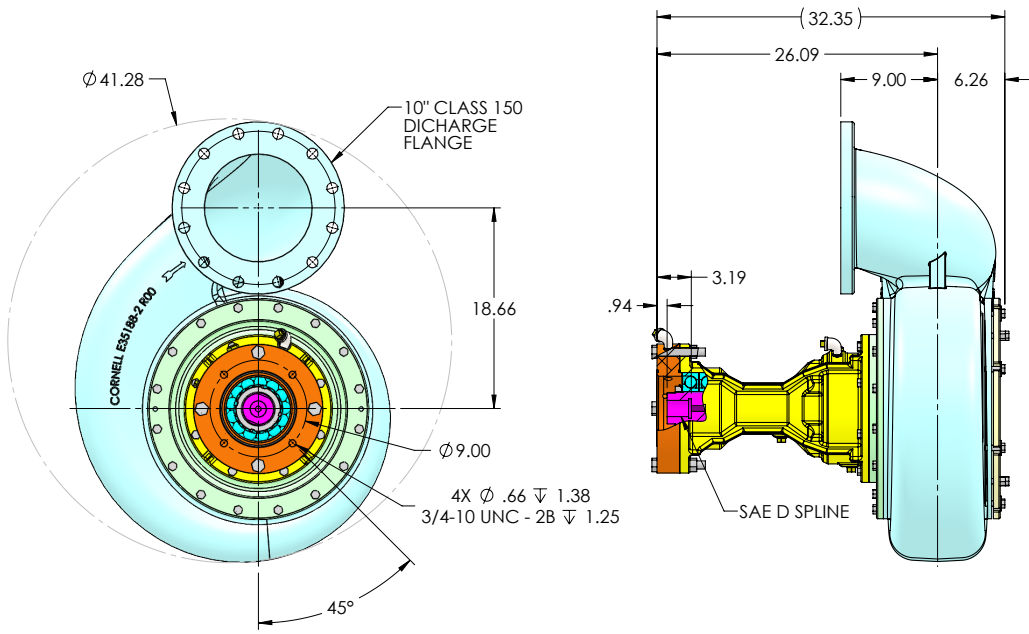
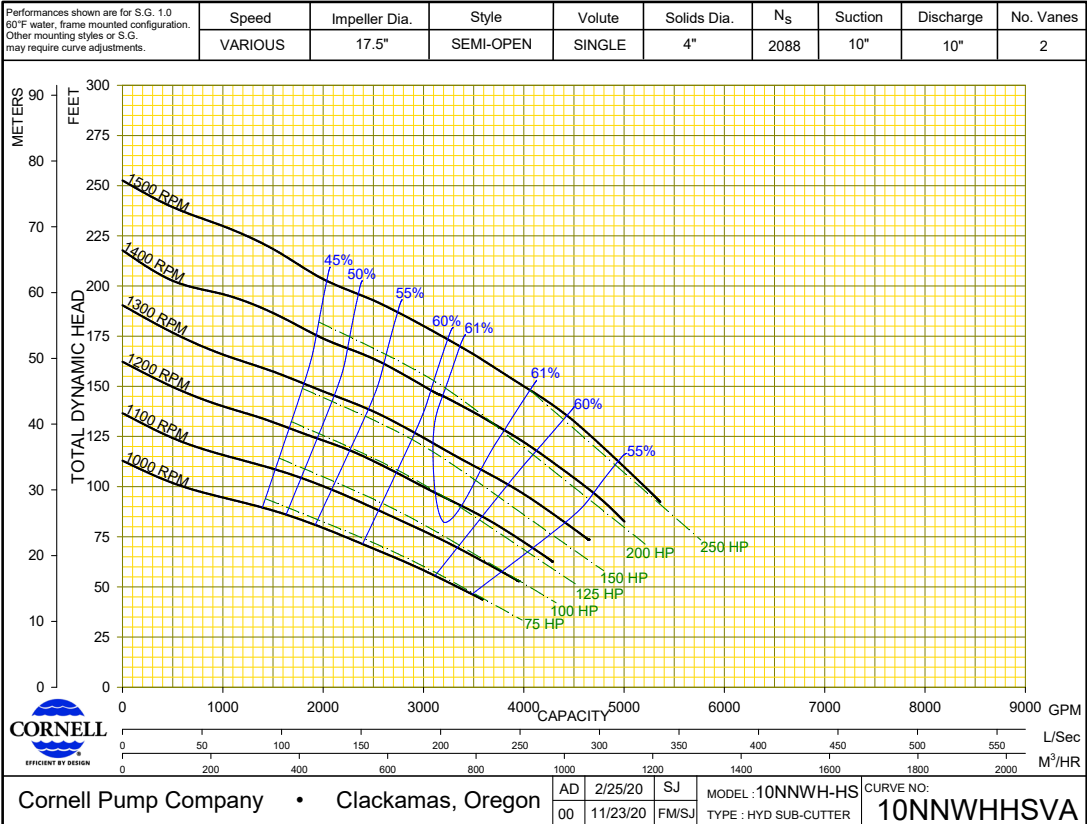


REFRIGERATION



RENTAL

10NNWH



NOTES:
 1. OVERALL DIMENSIONS CAN VARY ±.12 INCH
 2. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED
 3. REF: BMQ410A-A00

DS044-1705-GE