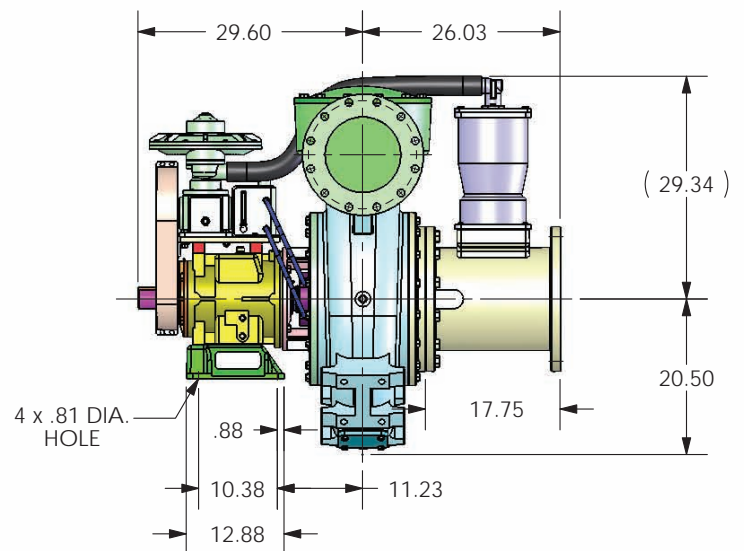
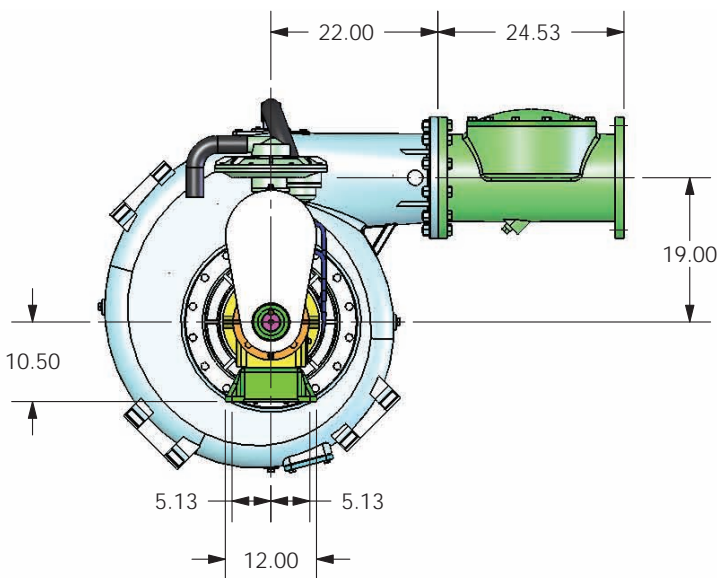


# 10NHTB-RP-F

## DATA SHEET



- **Size:** 10NHTB - 10" discharge x 12" suction with 125# cast iron flanges
- **Casing:** Cast Iron
- **Impeller:** Enclosed - 2 vane. Handles 4.75" diameter solids
- **Wear Rings:** Replaceable (Double wear rings available)
- **Seal:** Cornell's patented Cycloseal® design with Run-Dry™ oil lubrication system. John Crane T-2 single mechanical seal with Viton® elastomers, stainless steel hardware and tungsten- vs. siliconcarbide seal faces for abrasion resistance
- **Check Valve:** SwingFlex® Val-Matic®
- **Shaft Sleeve:** Heat treated 416 stainless steel
- **Bearings:** Heavy duty, grease lubricated, deep groove ball bearings, with a minimum of 20,000 hours bearing life
- **Hardware:** Stainless steel float linkage. A positive seating vacuum priming valve prevents water carry-over to the vacuum, pump or atmosphere
- **Vacuum Pump:** 50 SCFM Maximum



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.

# 10NHTB-RP-F

## DATA SHEET

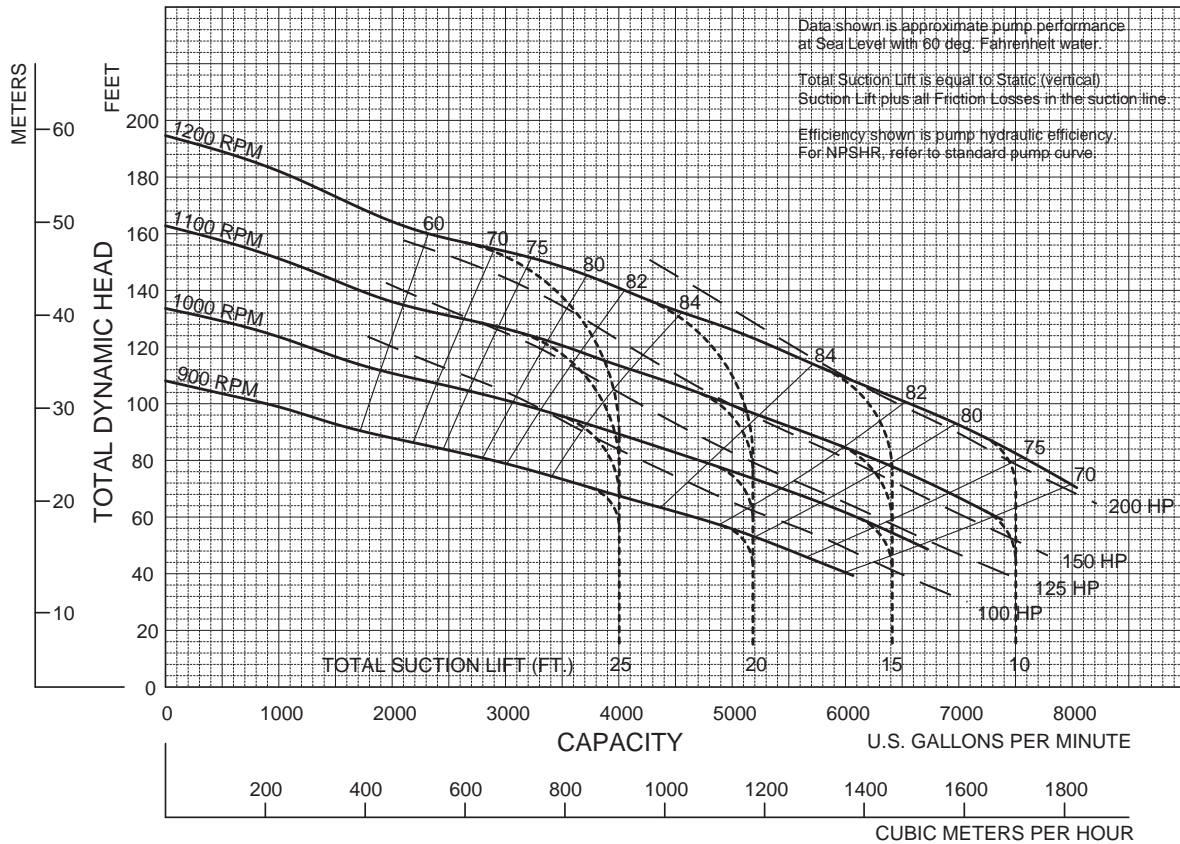


Feet x .305 = Meters  
 Inches x 25.4 = Millimeters  
 GPM x .227 = Cubic Meters/Hour  
 GPM x 3.785 = Liters/Minute  
 HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N <sub>S</sub>	Suction	Discharge	No. vanes
VARIOUS	19.50"	ENCLOSED	4.75"	2300	12"	10"	2

DOUBLE VOLUTE

MOUNTING CONFIG.: F, EM



Performances shown are for cool water, frame mounted configuration with Cyclo Seal®. Other liquids, seal arrangements or mounting configurations may require performance adjustments.

Add 1.5 HP for belt driven diaphragm vacuum pump. Performance curve does not include discharge check valve losses.

10/09/03



Cornell Pump Company • Portland, Oregon

10NHTB REDI • PRIME® - VARIOUS RPM

