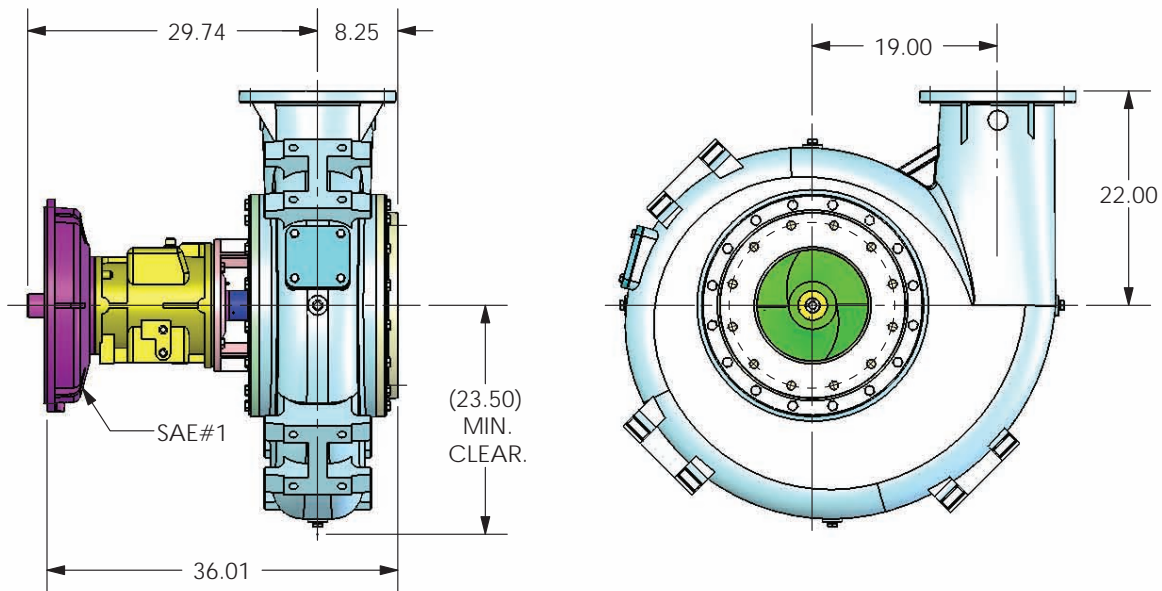




10NHTB-RP-EM

- **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



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

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.



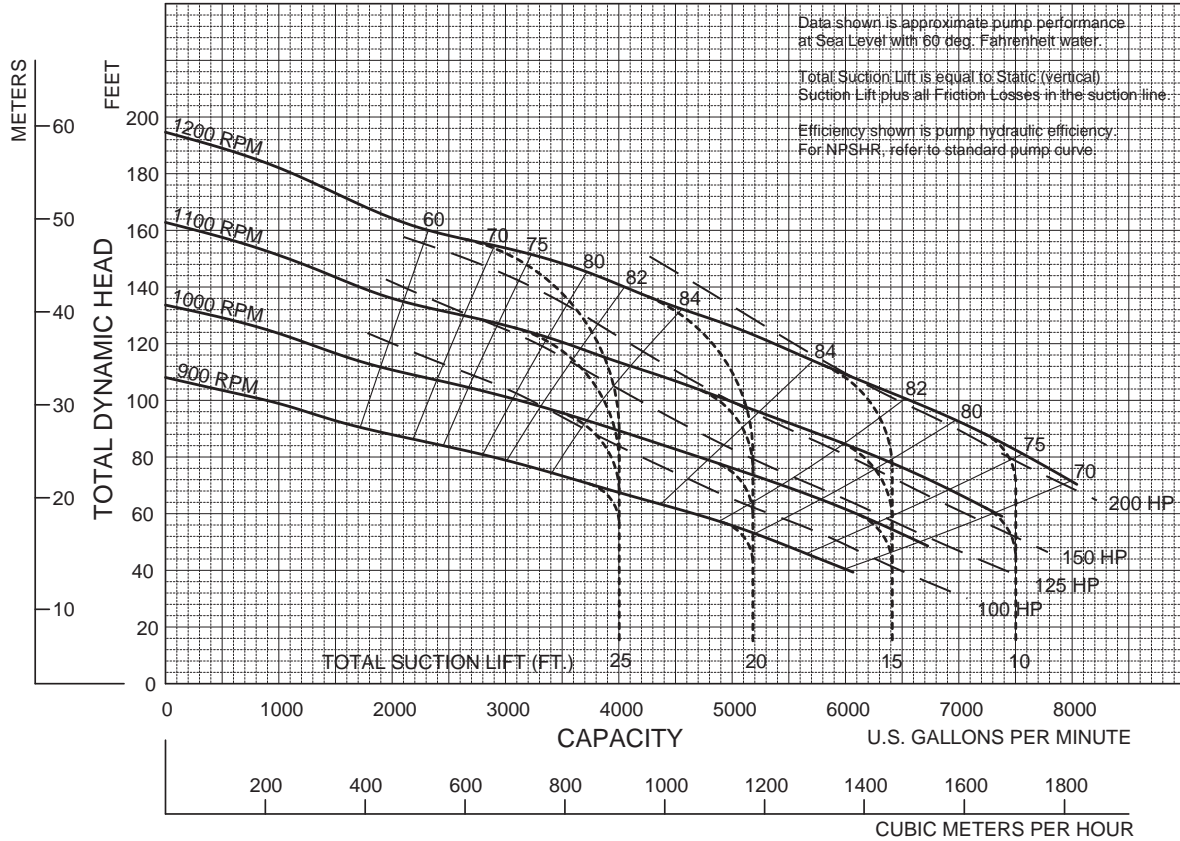
10NHTB-RP-EM

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 _S	Suction	Discharge	No. vanes
VARIOUS	19.50"	ENCLOSED	4.75"	2300	12"	10"	2

DOUBLE VOLUTE

MOUNTING CONFIG.: F, EM



Data shown is approximate pump performance at Sea Level with 60 deg. Fahrenheit water.
 Total Suction Lift is equal to Static (vertical) Suction Lift plus all Friction Losses in the suction line.
 Efficiency shown is pump hydraulic efficiency. For NPSHR, refer to standard pump curve.

Performances shown are for cool water, frame mounted configuration with Cycloseal.® 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