



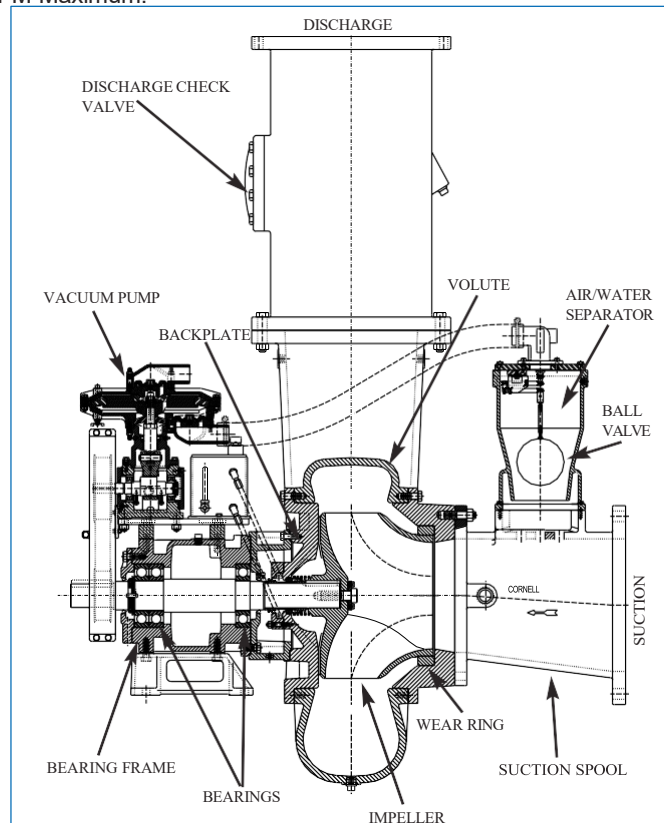
PRODUCT DATA SHEET

KAMAL BLOWER SOLUTIONS LLC

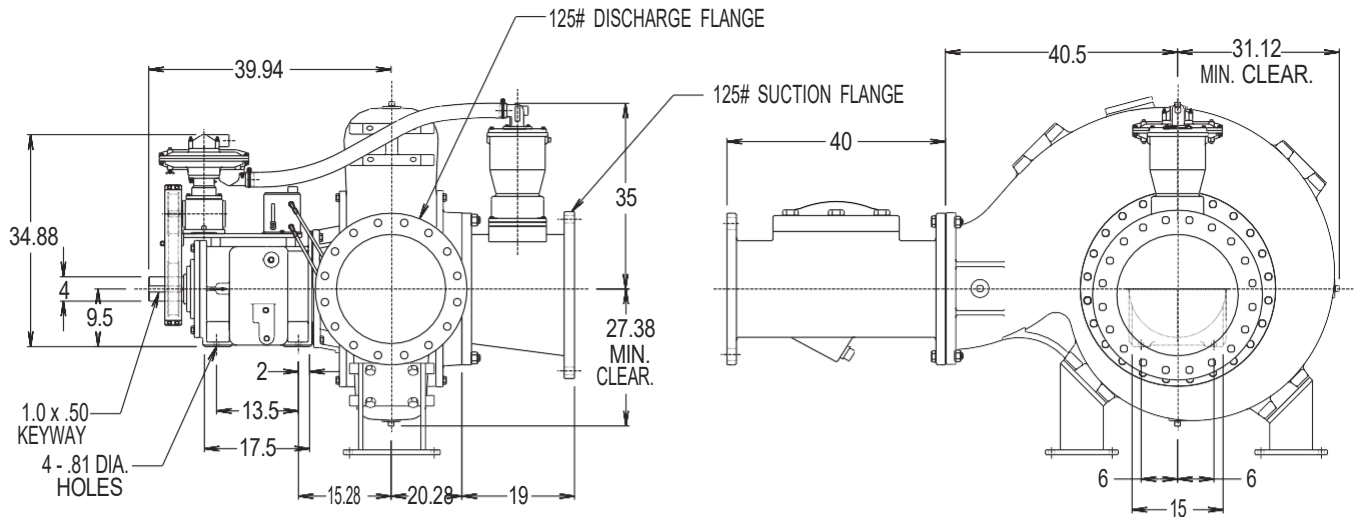
Model 20NHF-F Redi-Prime®

PUMP SPECIFICATIONS

- **Size:** 20NHF- 20" discharge x 24" suction with 125# cast iron flanges.
- **Casing:** Cast Iron.
- **Impeller:** Enclosed - 4 vane. Handles 5" diameter solids.
- **Wear Rings:** Replaceable. (Double wear rings available).
- **Seal:** Kamal Blower'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. silicon- carbide seal faces for abrasion resistance.
- **Check Valve:** SwingFlex® Val-Matic®. (Option available at additional cost).
- **Shaft Sleeve:** Heat treated 416 stainless steel.
- **Bearings:** Heavy duty, grease lubricated, deep groove ball bearings, with a minimum of 50,000 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.



PUMP DIMENSIONS



- NOTES:**
1. Frame mounting foot thickness is .75".
 2. Flange connection dimension can vary $\pm .12$ inch.
 3. Do not use for construction unless certified.
 4. Dimensions of support structure varies with installation.
 5. For packing and double seal dimensions consult factory.

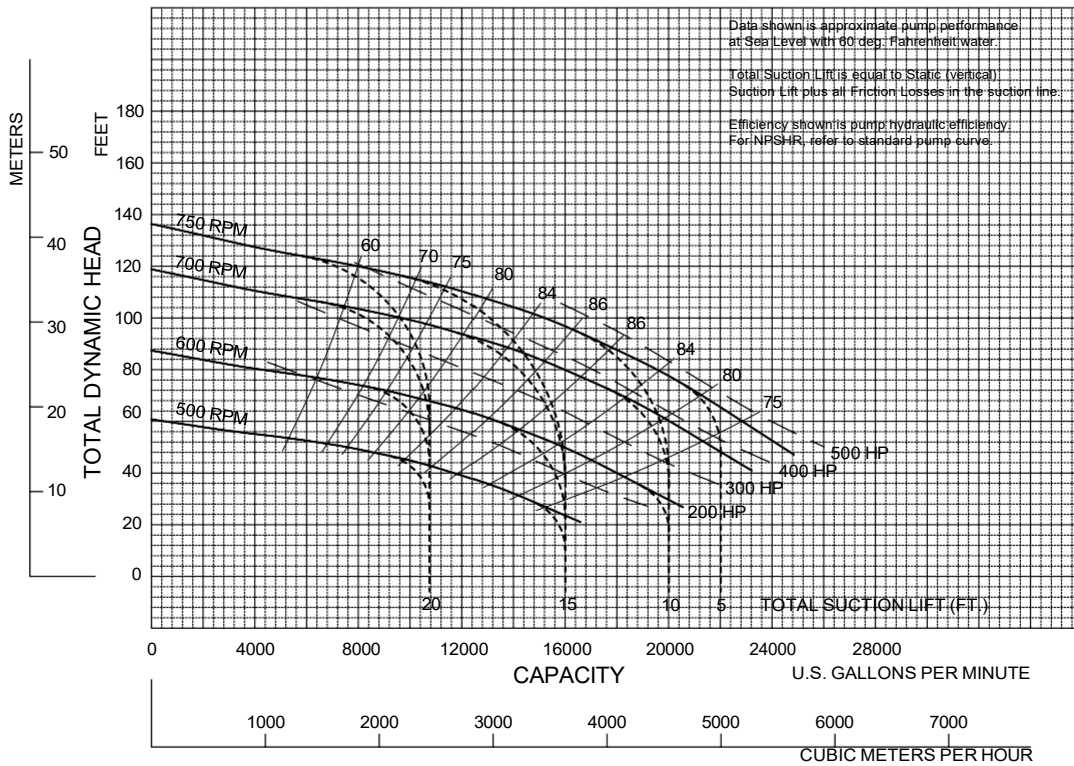
PERFORMANCE CURVES

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	28"	ENCLOSED	5.0"	4000	24"	20"	4

SINGLE VOLUTE

MOUNTING CONFIG.: F



Performances shown are for cool water. Add 1.5 HP for belt driven diaphragm frame mounted configuration with Cyclo seal. Other liquids, seal arrangements or mounting configurations may require performance adjustments.

10/08/03