CORNELL®

24NNG

Efficient by Design

Solids Handling Pump

PRODUCT CAPABILITIES	
Size	610mm x 610mm
Capacities To	5440 m3/hr
Total Dynamic Heads	40 mHs
Solids Handling	127 mm
Flanges	24 x 24 ANSI 125lb w/ DIN option
Impeller	Enclosed Cast Iron
Weight	2750 kilos
Mounting Options	Pedestal Frame Mount, Vertical Frame Mount

FEATURES

- ✓ B-10 Bearing Life (20,000 hrs.)
- ✓ Best Efficiency Point - 87%
- ✓ Run Dry option available
- ✓ Cycloseal® Cornell
- ✓ 17-4 pH Stress Proof Shaft
- ✓ Volute Passes Stated Solid Size

Other material options available

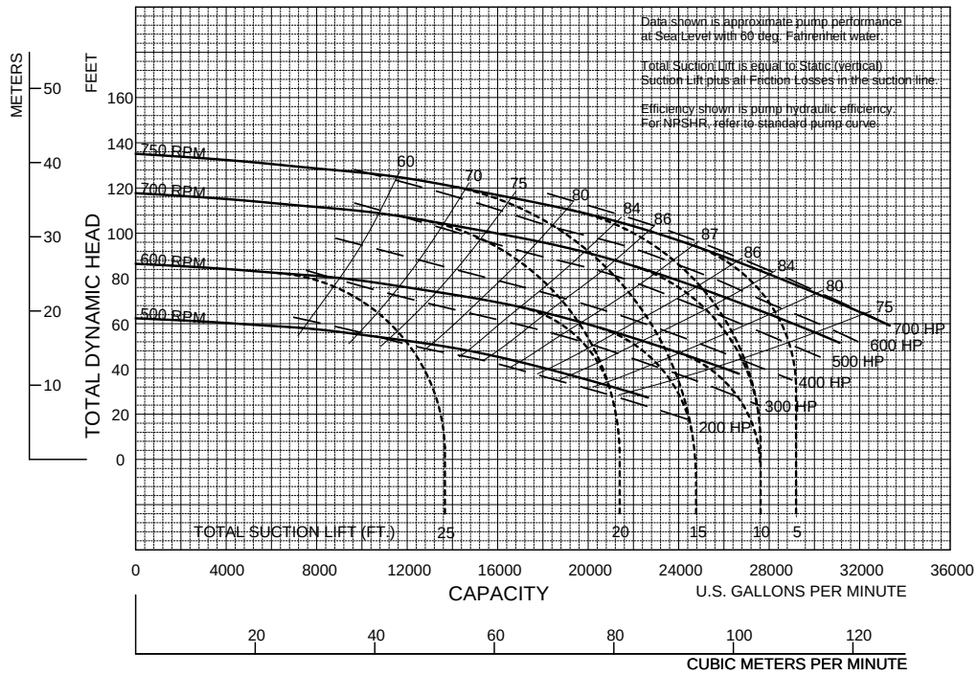
MATERIALS OF CONSTRUCTION	
Materials	All Iron, Special Material Available
Shaft	High strength 17-4 PH
Bearings	Pump End: Ball Bearing Drive End: 3 Angular Contact Ball Bearings
Mechanical Seal	Cycloseal®, Tungsten, Silicon-Carbide face material

24NNG SOLIDS HANDLING PUMP

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

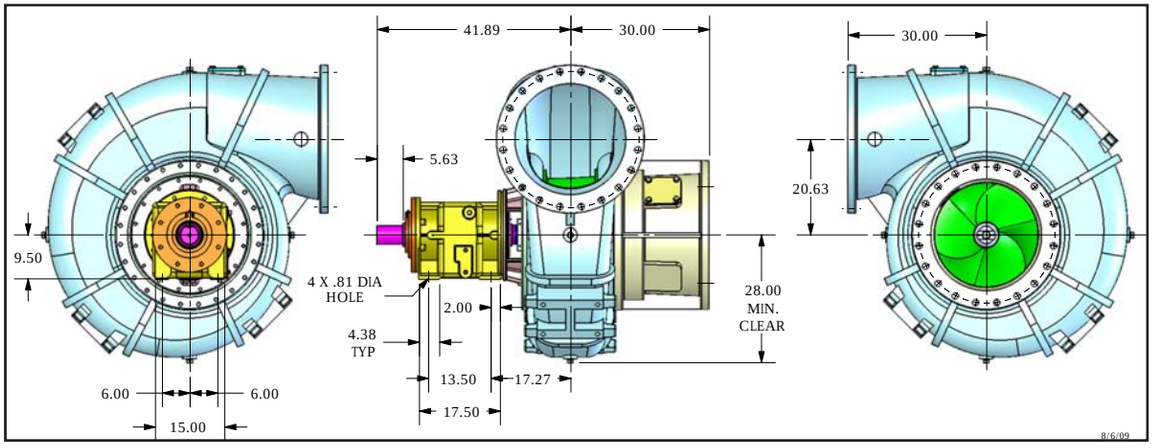
Speed	Impeller Dia.	Style	Solids Dia.	N_S	Suction	Discharge	No. vanes
VARIOUS	28.00"	ENCLOSED	5.25"	3880	24"	24"	3

SINGLE VOLUTE MOUNTING CONFIG.: F



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

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



Other mounting configurations available