KITECHNO 4NNTF SUNKEN PUMP

OPERATION LEVELS		
MIN FLOW	180 GPM	41 m3/h
MAX FLOW	1300 GPM	295 m3/h
DISCHARGE SIZE	4”	101.6 mm
SUCTION SIZE	4”	101.6 mm
SOLIDS HANDLING	3”	76.2 mm
MAX SPEED	1800 RPM	1800 RPM
SHUT-OFF HEAD	122’	37.2 m
BEP HEAD	81’	24.6 m
BEP FLOW	760 GPM	172.6 m3/h
BEP PERCENT	76%	76%

STANDARD SPECIFICATIONS

- Model Number - 4NNTF Series
- Discharge Sizes – 4 inch
- Standard Construction - Cast Iron, Class 30
- Optional Construction - 416SS, CD4MCU, Ductile Iron
- Permco hydraulic drive

PERFORMANCE CHARACTERISTICS

- HP x 746 = KW
- GPM x 3.785 = Liters/Minute
- GPM x 227 = Cubic Meters/Hour
- Inches x 25.4 = Millimeters
- Feet x 305 = Meters Premium Hydraulic Efficiencies, 76% BEP
- 3 inch or larger solid handling capability
- Total Dynamic Head: 10 to 130 feet

PARTS	STANDARD MATERIAL (ALL IRON)	CD4MCU
WEAR RING	CAST IRON ASTM A48 Class 30	2205 Duplex SS FF ASTM A890
IMPELLER	CAST IRON	CD4MCu Cast Stainless ASTM A890 Grade 1A
VOLUTE	DUCTILE IRON	CD4MCu Cast Stainless ASTM A890 Grade 1A
SHAFT	1144 STRESS PROOF STEEL	17-4PH Stainless Steel FH -H1075
SHAFT SLEEVE	416 STAINLESS STEEL	416 Stainless Steel
BACKPLATE	CAST IRON	CD4MCU
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE	TUNGSTEN CARBIDE VS. SILICON CARBIDE
BEARING FRAME	CAST IRON	CAST IRON

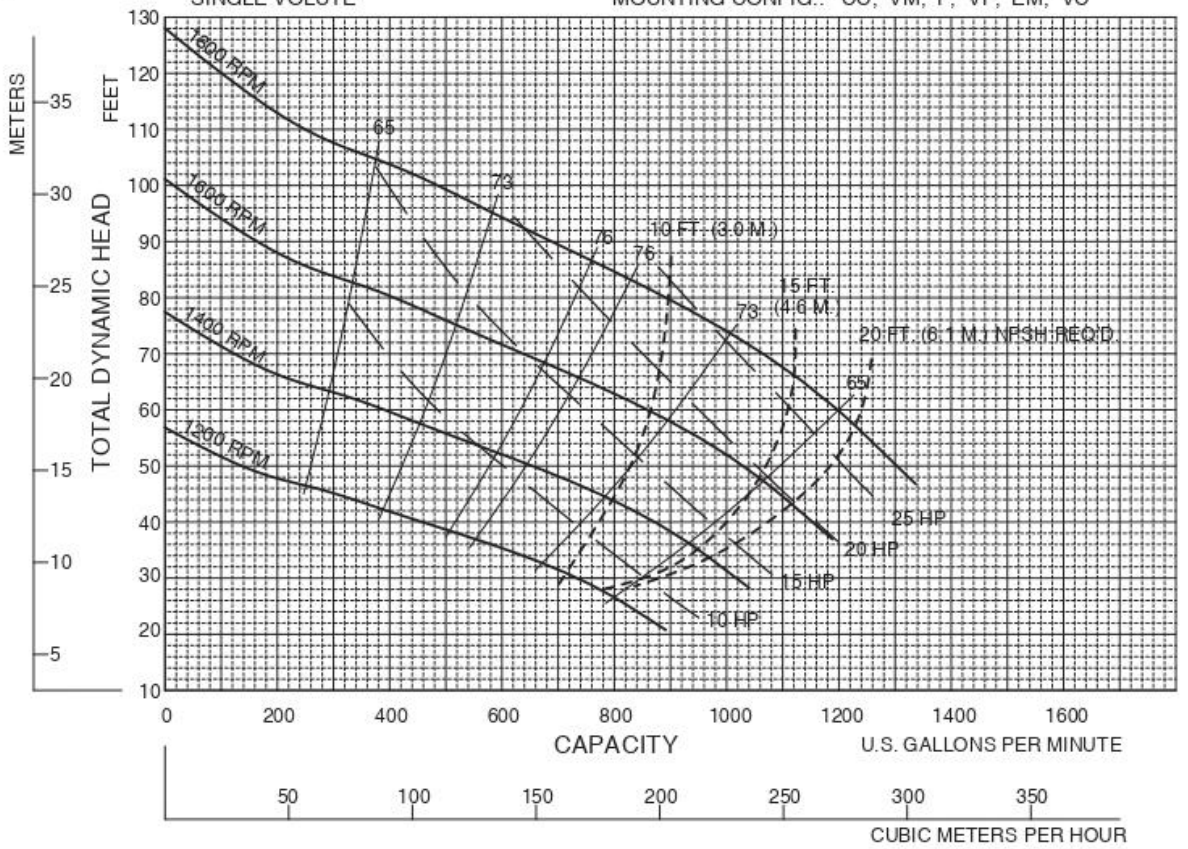
Feet x .305 = Meters
Inches x 25.4 = Millimeters
GPM x .227 = Cubic Meters/Hour
GPM x 3.785 = Liters/Minute
HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N_S	Suction	Discharge	No. vanes
VARIOUS	10.09"	ENCLOSED	3"	1900	4"	4"	2

SUPERSEDES 9/15/99

SINGLE VOLUTE

MOUNTING CONFIG.: CC, VM, F, VF, EM, VC



Performances shown are for cool water, close-coupled electric configuration with Cycloseal.® Other mounting configurations, seal arrangements or liquids may require horsepower and/or performance adjustments.

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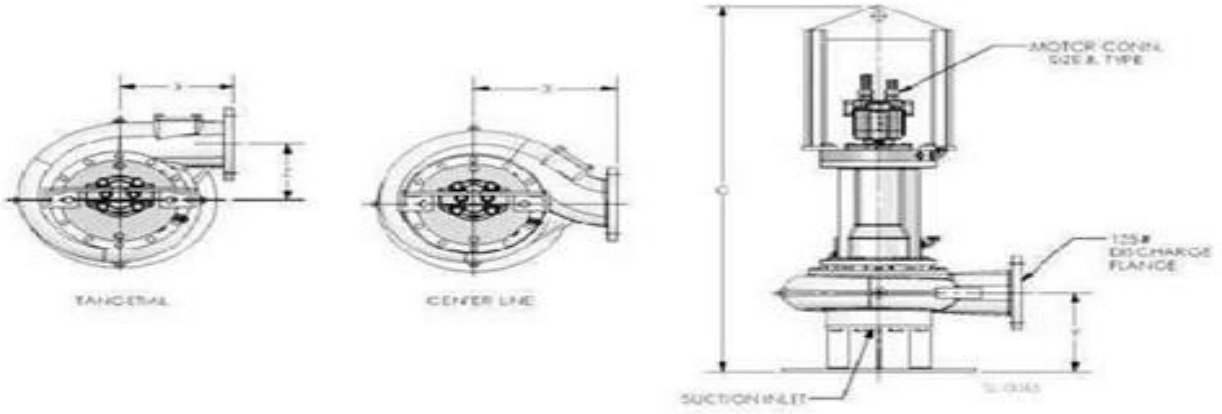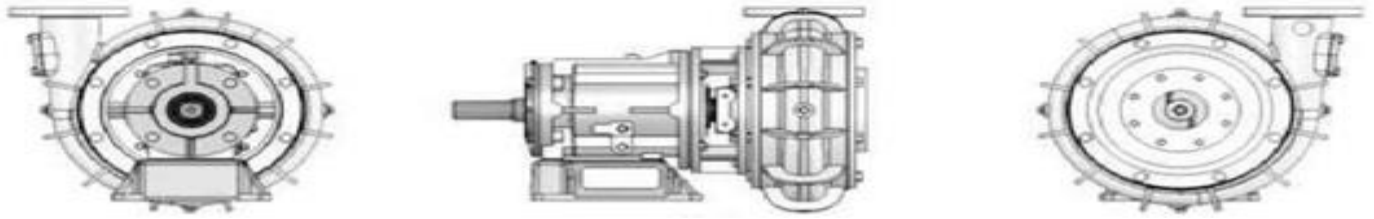
4NNTVA