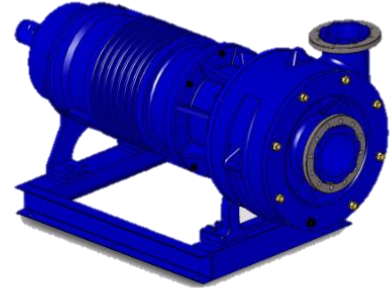


FEATURES

- Heavy duty closed impeller for pumping abrasive solids.
- Wear plate, impeller and casing are made from 28% High Chrome.
- Double mechanical seal with Silicon Carbide vs. Silicon Carbide seal faces running in a barrier fluid for lubrication and cooling.
- Inverter-duty, air-filled, copper-wound motor.
- Class H insulation.



**Mount horizontally outside the tank
where there is a possibility of
flooding.**

SPECIFICATIONS

STANDARD

Horsepower	15 - 800 HP
Discharge Size	3" – 8"
Performance Range	
Capacity	250 - 6000 US GPM
Head	50' – 350' TH
Max Particle Size	3-1/4"
Motor Nomenclature	
Type / Speed / HZ	TENV Air-Filled / 890 to 1180 RPM / 60 HZ
Voltage / Phase	460, 575 V / 3 Phase
Service Factor	1.15
Insulation	Class H
Cable Length	33' Standard (Length option available)
Maximum Water Temperature	180° F
Operation Mode	Synchronous Speed or V.F.D.
Materials of Construction	
Casing	28% High Chrome 650+ Brinell Hardness
Impeller	28% High Chrome 650+ Brinell Hardness
Wear Plate	28% High Chrome 650+ Brinell Hardness
Shaft	416 Stainless Steel
Motor Housing	Cast Iron 3/8" Minimum Thickness
Fasteners	18-8 Stainless Steel

SPECIFICATIONS

STANDARD

Impeller Type	Enclosed
Mechanical Seal	
Seal Faces	Silicon Carbide
Elastomers	Viton
Labyrinth Seal	Stainless Steel/Cast Steel
Lubrication	Mobil / Synturion 6
Bearings	
Thrust	Double Angular Contact
Radial	Deep Groove Ball Bearing
Lubrication	Permanently Lubricated with Mobil SHC Polyrex 222
Accessories	Agitators / Discharge Hose / Variable Speed / Urethane Coating / Elbows in Steel or High Chrome / Control Panels / Moisture and Thermal Protection / Rafts