

FEATURES

1. Keyed Semi-Open Impeller

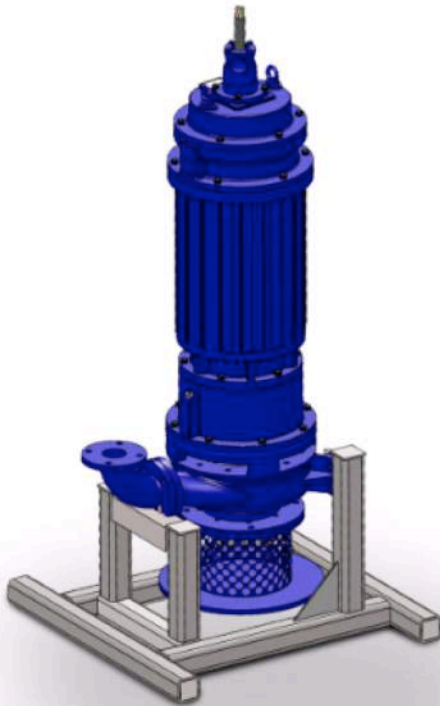
- Adjustable wear plate increases wear life when pumpage contains heavy abrasive particles.
- Full vane impeller prevents clogging in thick applications.

2. Slurry Mechanical Seal

- Dual seals of Silicon Carbide vs. Silicon Carbide running without the need for flush water.
- The motor is further protected by a labyrinth seal and a seal relief port.

3. Premium Efficiency Submersible Motor

- Inverter-duty, air-filled, copper-wound motor.
- Class H insulation.
- Extended run dry capabilities when sized appropriately for the application.



SPECIFICATIONS

Horsepower

Discharge Size

Performance Range

Capacity
Head

Solids Handling

Motor Nomenclature

Type / Speed / HZ

Voltage / Phase

Service Factor

Insulation

Cable Length

Maximum Water Temperature

Operation Mode

Materials of Construction

Casing
Impeller
Wear Plate
Shaft
Motor Housing
Fasteners

Impeller Type

Mechanical Seal

Upper Seat
Upper Rotator
Lower Seat
Lower Rotator
Elastomers
Labyrinth Seal
Lubrication

Bearings

Thrust
Radial

Lubrication

Accessories

5 - 500 HP

2" - 18"

50 - 15,000 US GPM

10' - 320' TH

.5" to 3" Particle Size

TENV Air-Filled / 880, 1180, 1780
RPM / 60 HZ

480, 575 V / 3 Phase

1.2

Class H

33' (Length option available)

180° F

Synchronous Speed or V.F.D.

CD4MCu

CD4MCu

CD4MCu

416 Stainless Steel

Cast Iron

18/8 Stainless Steel

Keyed Semi-Open, Full Vane

Silicon Carbide

Silicon Carbide

Silicon Carbide

Silicon Carbide

Viton

Cast Steel

Mobil / Synturion 6

Double Angular Contact

Deep Groove Ball Bearing

Permanently Lubricated with

Mobil SHC Polyrex 222

Agitators / Discharge Hose /

Variable Speed / Urethane

Coating / Elbows in Steel or High

Chrome / Control Panels /

Moisture and Thermal Protection

/ Rafts

**Built to handle the most
severe slurry applications.
No more vacuum pumps.**