

DURABLE. RELIABLE. DEPENDABLE.



HEAVY-DUTY SUBMERSIBLE DEWATERING PUMP

SBFR SERIES

SPECIFICATIONS

FEATURES

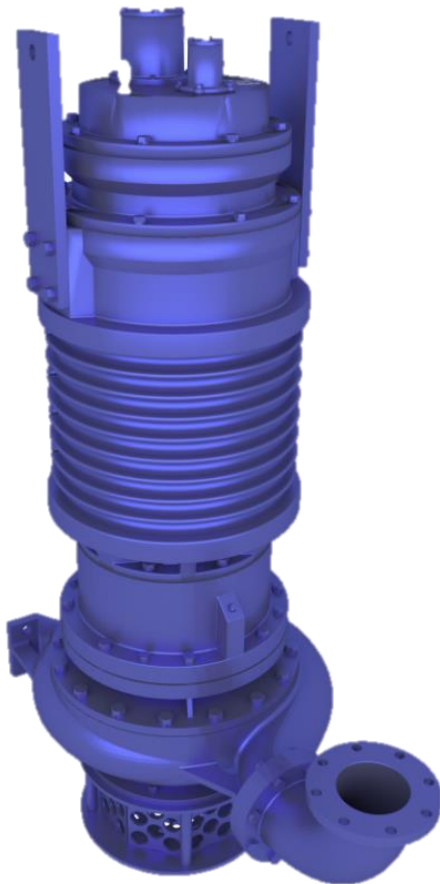
- CD4MCu material assures long life of impeller, wear plate and casing.
- Dual seals of Silicon Carbide vs. Silicon Carbide Seals run in bath of barrier fluid which removes the need for flush water
- Inverter-duty, air-filled, copper-wound motor (TENV) for use on VFD's.
- Class H insulation.
- Extended run dry capabilities when sized appropriately for the application.
- Seal relief port decreases pressure exposed to seal.
- Large Diameter shafts to increase seal and bearing life with minimal deflection
- Maximum material thickness of liquid end parts to maximize service life

SPECIFICATIONS

Horsepower
Discharge Size
Performance Range
 Capacity
 Head
Max Particle Size
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
 Elastomers
 Labyrinth Seal
 Lubrication
Bearings
 Thrust
 Radial
Lubrication
Accessories

STANDARD

5 - 800 HP
 2" – 18"
 50 – 15,000 US GPM
 10' – 320' TH
 1/2"
 TENV Air-Filled / 900 to 1800 RPM / 60 HZ
 480, 575 V / 3 Phase
 1.15
 Class H
 33' (Length option available)
 180° F
 Synchronous Speed or V.F.D.
 CD4MCu or Cast Iron
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 416 Stainless Steel
 Cast Iron
 18-8 Stainless Steel
 Keyed Semi-Open, Full Vane
 Silicon Carbide
 Viton
 Stainless Steel/Cast Steel
 Mobil Synturion 6
 Double Angular Contact
 Deep Groove Ball Bearing
 Permanently Lubricated with Mobilgrease XHP 222
 Discharge Hose / Variable Speed Drives / Control Panels / Moisture and Thermal Protection / Rafts / Dewatering Frames



Built to be a heavy-duty dewatering pump with the ability to handle up to 10% solids.

