

DURABLE. RELIABLE. DEPENDABLE.



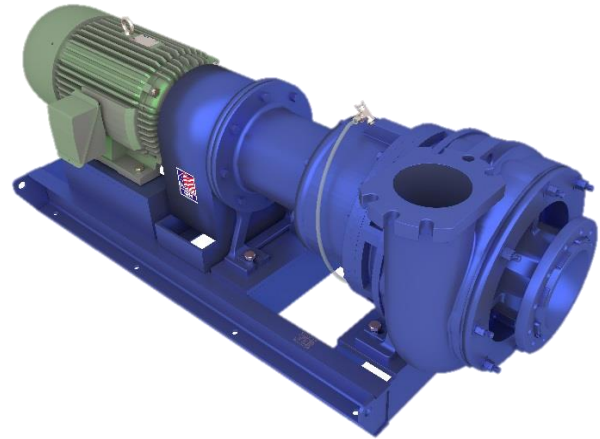
HEAVY-DUTY STANDARD HORIZONTAL LOW HEAD SLURRY PUMP

**SHLH
SERIES**

SPECIFICATIONS

FEATURES

- Adjustable wear plate increases wear life when pumpage contains heavy abrasive particles.
- 28% High Chrome 650+ Brinell hardness assures long life of impeller, wear plate and casing.
- Double mechanical seal with Silicon Carbide vs. Silicon Carbide seal faces running in a barrier fluid for lubrication and cooling.
- Large Diameter shafts to increase seal and bearing life with minimal deflection.
- Inverter-duty TEFC, severe service, low voltage motor minimizes cost of operation.



**If you have problems with packing
and sealing water, this pump will
solve all your problems.**

SPECIFICATIONS

STANDARD

| | |
|----------------------------------|---|
| Horsepower | 15 – 500 HP |
| Discharge Size | 3" – 8" |
| Performance Range | |
| Capacity | 100 - 6250 US GPM |
| Head | 10' – 140' TH |
| Max Particle Size | 4-1/2" |
| Motor Nomenclature | |
| Type / Speed / HZ | TEFC Air-Filled / 900 to 1800 RPM / 60 HZ |
| Voltage / Phase | 230, 460, 575 V / 3 Phase |
| Service Factor | 1.15 |
| Insulation | Class F |
| 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 |
| Bearing Housing | Cast Iron |
| Fasteners | 18-8 Stainless Steel |

SPECIFICATIONS

STANDARD

| | |
|------------------------|--|
| Impeller Type | Semi-Open |
| 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 |

