

DURABLE. RELIABLE. DEPENDABLE.



HEAVY-DUTY VERTICAL HYDRAULIC GENERATION THREE SLURRY PUMP

**HYGT
SERIES**

SPECIFICATIONS

FEATURES

- Heavy duty closed impeller for pumping abrasive solids.
- 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.
- Built to handle the toughest applications with ease.
- Spray holes are standard on every HYGT pump.
- An agitator is optional for thick, heavy slurries.
- 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
Maximum Water Temperature
Operation Mode
Materials of Construction
 Casing
 Impeller
 Wear Plate
 Shaft
 Bearing Housing
 Fasteners
Impeller Type
Mechanical Seal
 Seal Faces
 Elastomers
 Labyrinth Seal
 Lubrication
Bearings
 Thrust
 Radial
Lubrication
Accessories

5 - 500 HP
 2" - 6"
 100 - 3000 US GPM
 40' - 300' TH
 3"
 Hydraulic / variable 350 to 2200 RPM
 200° F+
 Hydraulic Driver
 28% High Chrome 650+ Brinell Hardness
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 416 Stainless Steel
 Cast Iron 3/8" Minimum Thickness
 18-8 Stainless Steel
 Semi-Open
 Silicon Carbide
 Viton
 Stainless Steel/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

**Best used in applications
such as barges and remote
ponds without electricity.**

