

# DURABLE. RELIABLE. DEPENDABLE.



## HEAVY-DUTY BASE MOUNTED C-FACE EXTENDED SHAFT GENERATION THREE SLURRY PUMP

**BCGT  
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.
- Inverter-duty TEFC, severe service, low voltage motor minimizes the cost of operation.
- Thrust bearing support is in close proximity to impeller to minimize shaft deflection.



### SPECIFICATIONS

**Horsepower**  
**Discharge Size**  
**Performance Range**  
Capacity  
Head  
**Max Particle Size**  
**Motor Nomenclature**  
Type / Speed / HZ  
  
Voltage / Phase  
Service Factor  
Insulation  
**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"  
  
C-Face TEFC / 900 to 1800 RPM / 60 HZ  
230, 460, 575 V / 3 Phase  
1.15  
Class F  
200° F+  
Synchronous Speed or V.F.D.  
  
28% High Chrome 650+ Brinell Hardness  
28% High Chrome 650+ Brinell Hardness  
28% High Chrome 650+ Brinell Hardness  
416 Stainless Steel  
Cast Iron  
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

**Pumps are available for up to 20' sumps.  
No V-belts or tail pipes required.**

