

# HEAVY DUTY SLURRY MECHANICAL SEAL

## TYPE : HS870

### Face Materials :

- Silicon Carbide / Tungsten Carbide

### Secondary Seals :

- Viton (FKM) / Aflas / EPR / PTFE / TTV / Kalrez (FFKM)

### Hardware :

- SS 316 / Hastelloy-B & C / Alloy-20 / Duplex SS / High Chrome Iron / Titanium

### Operating Limits :

- Size :** 20 mm to 300 mm  
**Pressure :** 20 bars  
**Temperature :** -40 TO +220 Deg. C  
**Speed :** 2900 RPM  
**Solids :** 60% Maximum solids by weight  
**Particle Size :** 10,000 Micron Maximum  
**Particle Hardness :** 9 MOH Maximum

### Application :

- Flue Gas Desulphurization (FGD)
- Wet Cement • Bauxite & Iron Ore Slurries
- Biochemistry & Other Rotary Equipment
- Building Services • Hazardous Liquid • Mixer
- Mining hard Rock • Mineral Sand Ore • Gold
- Alumina • Tailings Disposal • Tar Sand Extraction
- Beverages • Food • Pulp & Paper • Petrochemical
- Iron Ore • Coal • Uranium • Copper • Zinc • Nickel
- Off-Shore Production (Sand/Gravel Oil Extraction)
- Corn Slurries • Vacuum Distillation • Crystallization
- Synthetic Rutile • Pigment • Solvents • Steel Making
- Pharmaceutical • Oil • Dyeing • Fertilizers • Chemicals
- Power • Potash • Phosphate • Waste Water Treatment



### Features :

- Double Seal
- Springs Isolated
- Multiple Spring Type
- Rotary Spring Designed
- Hydraulically Balanced Type
- Factory Assembled & Tested
- Metric And Inch Sizes Available
- Quick Installation & Easy Removal
- Independent of Direction of Rotation
- Cartridge & Semi Cartridge Construction
- With Connection of Flushing & Quenching