



HCF CENTRIFUGE

Global Drilling Solutions Inc offers the model HCF centrifuge which is used in a wide range of separation applications, in slurry laden fluids. It is often used in the drilling fluids application. The HCF centrifuge can also be used in multiple applications, such as solids control, dewatering, barite recovery, or as a polisher.



The following models are available:

| Name and Model | | Unit | HCF450×1000-N | | HCF450×1000B-N |
|---|-------------|-------|--|----------------|------------------|
| | | | HCF450×1000-NM | HCF450×1000-NH | |
| Inner diameter of bowl | | mm | 450 | | |
| Active length of bowl | | mm | 1,000 | | |
| Active rotation speed of bowl | | r/min | 2,000 | 2,200 | <=2,200 |
| G-force | | | 1,007 | 1,219 | <=1,219 |
| Differential speed of conveyor | | r/min | 17~36 | | <=40 |
| Bowl and gearbox pulley rotation direction. | | - | To be clockwise when observed from the small end of bowl | | - |
| Max. throughput (specific gravity <1.1) | | m3/h | 45~50 | | 50~60 |
| Main motor | Model | - | YB2-200L-4W | | YB2-255S-4W |
| | Rated power | KW | 30/37 | | 37 37 |
| | Rated speed | r/min | 1,470 | | 1,780 1,480 |
| Back motor | Model | - | YB2-160M-6W | | |
| | Rated power | KW | 7.5 | | |
| | Rated speed | r/min | 960 | | |
| Feed pump model | | - | Centrifugal pumps: HCP3 × 2 × 13 or HCP3 × 2 × 13-S | | |
| Weight(including feed pump) | | kg | 3600 | | |
| Dimension (L × W × H) | | mm | 2800 × 1580 × 1780 | | |