STAGE 3 SEPARATION

5800 Horizontal Centrifuge



Technical Specifications

- Materials of Construction: Stainless Steel
- Bowl Diameter: 16"
- Bowl Length: 56"
- Conveyor type: E-Z Flow design with Axial Flow Blades
- Conveyor wear protection: Tungsten carbide segments
- Conveyor lead and pitch: Single 4.5" pitch
- Gear unit type: 3.5 (planetary)
- Gear unit ratio: 57-1
- Torque out style: GS Coupling
- Bowl sheave diameter: 7G3V8.0
- Pool depth setting: 5 adjustable 360 degree dams
- Main Drive Motor: 60 HP
- Maximum Speed: 3600 RPM
- Maximum G-Force: 2944

Electrical Requirements

- Voltage: 480 VAC (supplied by VFD)
- Amperage: 53.8 Draw with NE-60 feed pump
- Connector Type: Appleton 1034 CD

Variable Frequency Drive (VFD) for use with 5800 Decanting Centrifuge

Technical Specifications

- Size: 5800 Configuration
- Materials of Construction: Stainless Steel

Electrical Requirements

- Voltage: 480 VAC 3 Phase
- Amperage: VFD units rated for 100 amps
- HP: VFD units are calibrated to power one feed pump and one centrifuge unit
- Connector Type: Hard Wire 3 Phase
    - 3045 control wires
    - 1034 main output
    - 3034 feed pump
- Default speed settings:
    - Minimum: 300 rpm - Back Drive
      1000 rpm - Main Drive
    - Maximum: 3600 rpm