

## ARES RCD SYSTEM

The ARES RCD System is a compact design to accommodate restricted footprints beneath the rig floor. The ARES is single element system that delivers reliable performance in high pressure environments.

Designed with a sealed bearing, the ARES eliminated the need for additional lubricator or hardware needs for operation reducing the overall footprint.

### Features and Benefits

- **Compact Design**
- **Dual outlet bowl with dedicated MPD outlet to reduce rig up times**
- **Sealed bearing design – no lubricator system**
- **Lower swivel mount flange to simplify alignment on every installation**
- **Manual clamping system**
- **13-5/8” 5K Mounting base**
- **Elements rated up to 250 °F**

### Technical Specifications

Service.....	NACE MR0175 EE-NL
API standards.....	API 16RCD
Mounting Flange.....	13-5/8” 5K
Flowline Outlet.....	7-1/16” 5K
MPD Outlet.....	4-1/16” 5K
Fill Up / EQ Inlet.....	2-1/16” 5K
Bearing Type.....	Sealed - Oil
Lubricator Needed.....	NO
Clamp Design.....	Manual
Number of Sealing Elements.....	1
API Monogram.....	API 16 RCD
Overall Height w/bearing.....	37.8”
Body Height.....	34.0”
Height to Center of Outlets.....	18.8”
Bearing Max Outer Diameter.....	17.25”
Bearing Max Passthrough Diameter.....	7.75”
Static Working Pressure.....	3,000 psi
Dynamic Working Pressure.....	1,500 psi
Dynamic Pressure Rating @ 60 RPM.....	1,500 psi
Dynamic Pressure Rating @ 100 RPM.....	1,000 psi
Dynamic Pressure Rating @ 150 RPM.....	1,000 psi
Dynamic Pressure Rating @ 200 RPM.....	1,000 psi

