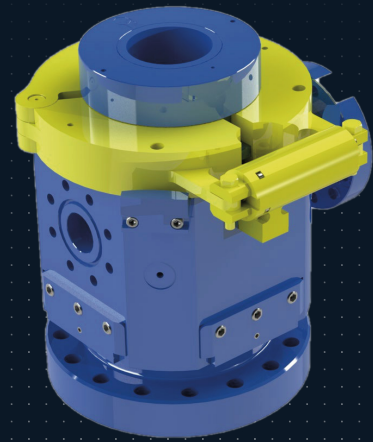




SHIELD MEDIUM-PRESSURE ROTATING CONTROL DEVICE RATED - 3K PSI STATIC



TECHNICAL OVERVIEW

- Built in conformance with API 16 RCD
- 1,000 psi dynamic rating @ 200 RPM
- 1,500 psi dynamic rating @ 50 RPM
- 3,000 psi static rating
- Sealed Bearing
- 13 5/8" 5,000 psi bottom flange
- 7 1/16" 3,000 psi outlet flange
- 4 1/16" 5,000 psi outlet flange
- 2 1/16" 5,000 psi Equalization connection (fill up line)

OPTIONS AND ACCESSORIES

- Single element materials;
- Rubber, NBR, HNBR, Polyurethane
- Second studded side outlet
- Logging Adaptors
- Drill Nipple
- Casing Stripper

APPLICATIONS

- Drilling Safely with a Closed System
- Managed Pressure Drilling

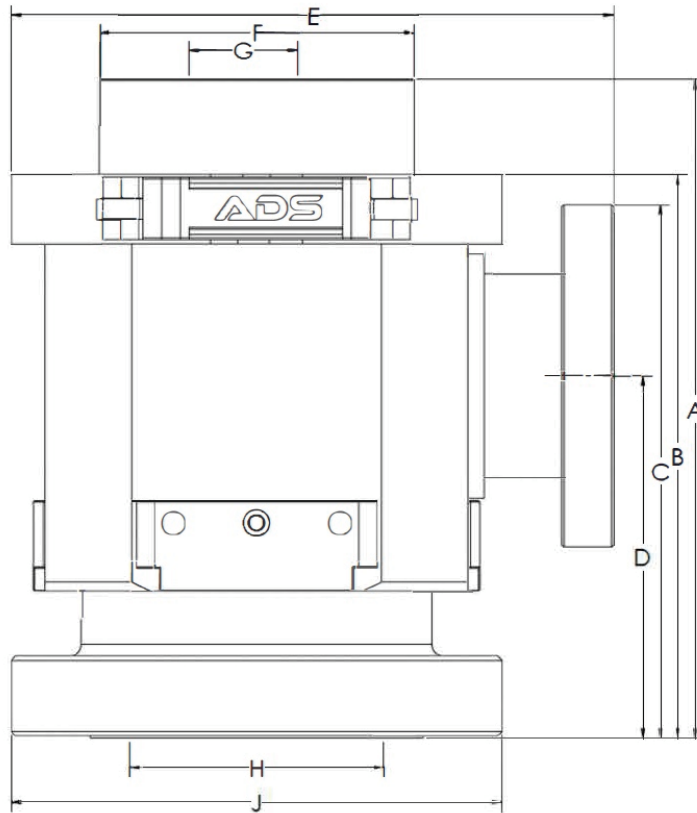
Shield Medium-Pressure Rotating Control Device

- ✓ ADS Services line of Shield rotating control devices have been designed to help operators overcome the challenges of drilling in extreme environments with confidence.
- ✓ From the seal element geometry to the housing material selection, all components of the Shield Medium-Pressure RCD's ensure the safety of the rig crew by creating a leak free seal between the annulus and the drill pipe. The seal allows the operator to safely divert fluid returns during drilling and stripping operations.
- ✓ The Shield Bearing design and internal dynamic seals extend the life of the sealing element(s) allowing for fewer bearing assembly change outs therefore reducing Non-Productive Time (NPT).
- ✓ Automated triple segment clamp mechanism with latch pin allows for quick bearing assembly installation. The clamp actuating piston is remotely operated and removes the requirement for rig personnel in hazardous zones.
- ✓ Sealed bearing design removes need for lubrication or greasing unit.
- ✓ Compact design allows ease of rig up in tight spaces.
- ✓ Single or Dual element bearing Design.
High Performance element designs to match application.



SHIELD MEDIUM-PRESSURE ROTATING CONTROL DEVICE

RATED - 3K PSI STATIC



DIMENSIONS (IN.)

A	35.56
B	31.44
C	28.81
D	19.56
E	32.53
F	17.00
G	8.07
H	13.63
J	26.50
Weight	2,750 lbs
Bearing with Element	550 lbs