



SHIELD 20" RCD ROTATING CONTROL DEVICE

TECHNICAL OVERVIEW

- Built to API standards
- 500 psi Dynamic Pressure Rating
- 750 psi Static Pressure Rating
- Sealed Bearing
- Rotation speeds up to 200 RPM
- Remote operated Clamp with Latch Actuator
- 21 1/4" 2000 psi Lower Flange
- 7 1/16" x 3000 psi Side Outlet Flange

OPTIONS AND ACCESSORIES

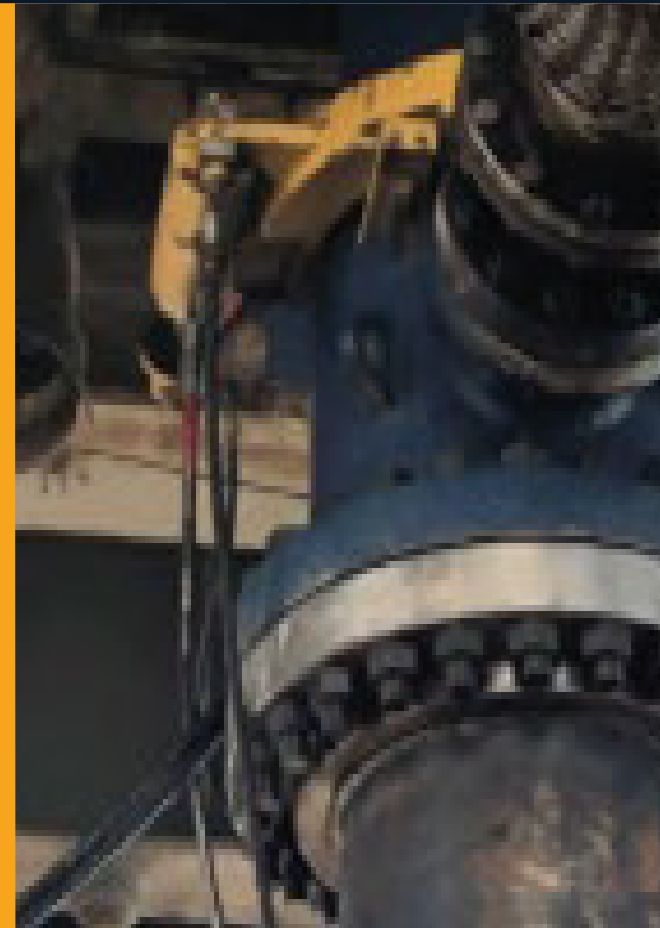
- Drilling Safely with a Closed System
- Surface sections where large pass throughs are required.
- Extended Surface sections
- Gas pockets in Surface sections

APPLICATIONS

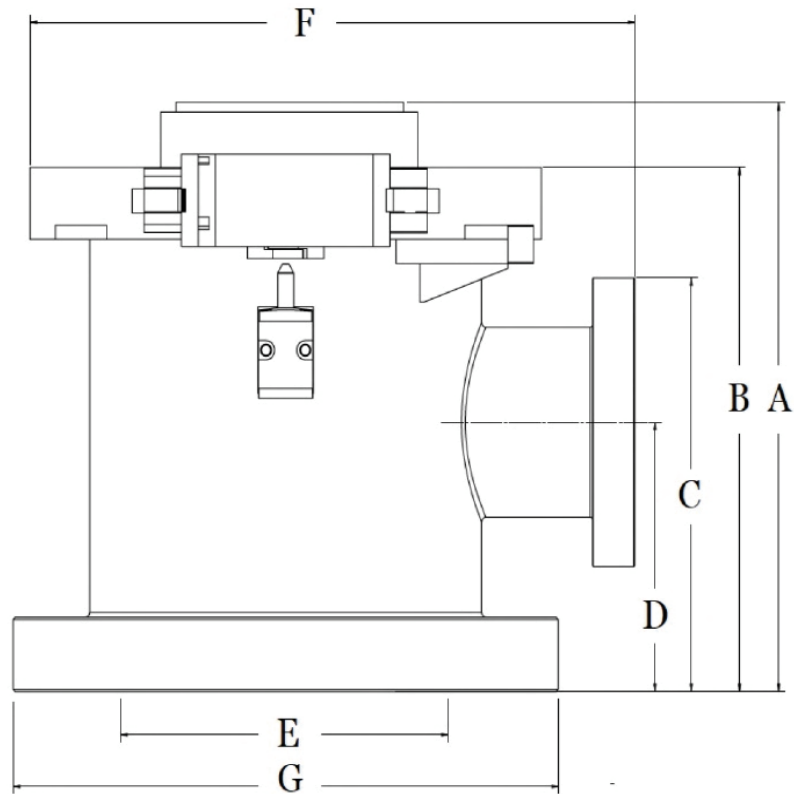
- Extensions below Lower Flange
- Single element materials
- Rubber, NBR, HNBR, Urethane
- 2 inch inlet for equalization
- Drill Nipple

SHIELD 20" RCD Rotating Control Device

- ✓ Power Chokes SHIELD line of Rotating Control Devices have been designed to help Operators overcome the challenges of drilling in extreme environments with confidence.
- ✓ The Twenty-Inch Rotating Control Device is a proven design tested under field conditions.
- ✓ All components of the SHIELD Twenty-Inch RCD's ensure the safety of the rig crew by creating a leak free seal between the Annulus and the Drill Pipe. This seal allows for the Operator to safely divert fluid returns during Drilling and Stripping Operations.
- ✓ The 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).
- ✓ The Dual Actuated & Dual Segment Clamp with mechanism with the Latch Actuator allows for a quick Bearing Assembly installation. The Clamp Actuating Piston is remotely operated and removes the requirement for rig personnel to be in hazardous zones.
- ✓ This RCD has a 20" pass through allowing



SHIELD 20" RCD



DIMENSIONS (IN.)

A	31"
B	27 1/4"
C	21 1/2"
D	14"
E	19 3/4"
F	35 1/2"
G	32"
Weight	1,924 lb's
Bearing with Element	690 lb's