

TITAN 5 with ORION Hydraulic Clamp RCD BODY

The ORION Hydraulic Clamp is Beyond's premium Rotating Control Device (RCD) product line designed for installation atop surface BOPs, eliminating the need for Personnel to close and open clamps or latching mechanisms. They are designed, manufactured, and certified to Beyond Energy's specifications and guidelines. The patented ORION Hydraulic Clamp eliminates secondary securement bolts or pins to be installed. RCDs are critical in providing safety to Personnel and rig equipment.

Applications

- Managed Pressure Drilling
- Underbalanced Drilling
- Pressurized Mud Cap Drilling
- Containment of wellbore returns
- Extended Reach wells
- Geothermal wells
- Surface BOPs Land & Offshore

Features and Accessories

- 5,000 psi Static rated
- 3 X Outlets (2 1/16" 5M, 4 1/16" 5M & 7 1/16" 5M)
- Standard Rotating Inlet Flange (11" 5M & 13 5/8" 5M)
- Remote Pneumatic Actuated Console
- Logging Adaptor available in 7 1/16" 5M and 9" 5M
- Compatible with ARES 1578/3078 and 3090 Bearing Assemblies
- 48" Flow Nipple
- Bearing Assembly Stabbing Casing
- DP Stabbing Cones
- Casing Stripper(s) Adapter w/Casing Strippers 7" to 10 3/4"
- 3 1/2" or 4 1/2" IF Drill Pipe Conveyed Test Plug
- 8' Transport Container /Skid
- Compatible w/TITAN Class & ATLAS Class Sealing Elements
- NACE-MR0175 Compliant
- Manufactured in accordance with API Q1, ISO 9001:2015, and API 16RCD
- API 16RCD 0027 Monogrammed



**TITAN 5 ORION
Hydraulic Clamp**

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Specifications

Physical Data TITAN Body with ORION Hydraulic Clamp	
MAWP- Static	34,474 kPa (5,000 psi)
Maximum Temperature	121° C (250° F)
Minimum Temperature	-29° C (-20° F)
Flowline Flange	Studded
Flowline Outlet	7- $\frac{1}{16}$ in. 5M R-46
MPD Flange	Studded
Connection	4- $\frac{1}{16}$ in. 5M R-39
Hole Fill Flange	Studded
Hole Fill Outlet	2- $\frac{1}{16}$ in. 5M R-24
Max Width in Closed Position	900 mm (35.4 in.)
Max Width in Open Position	830 mm (32.7 in.)
Body Height	864 mm (34.0 in.)
Height with ARES1578 Installed	960 mm (37.8 in.)
Height with ARES3078 Installed	1,313 mm (51.7 in.)
Height with ARES 3090 Installed	1,445 mm (56.9 in.)
ORION Control Console (OCC)	
Power Source	Air / Pneumatic (no electrical components)
Dimensions	520 mm x 468 mm x 565 mm
(L x W x H)	(20- $\frac{7}{16}$ in. x 18- $\frac{7}{16}$ in. x 22- $\frac{1}{4}$ in.)

Size Options		
Size/Pressure	11in. 5M	13 $\frac{5}{8}$ in. 5M
Maximum Throughbore	279.4 mm (11.0 in.)	346.1 mm (13 $\frac{5}{8}$ in.)
Bottom Flange	Rotating	Rotating
Connection	11in. 5M R-54	13 $\frac{5}{8}$ in. 5M BX-160
Assembly Weight	1,485 kg (3,273 lb.)	1,582 kg (3,487 lb.)