

# Bey★nd

ENERGY SERVICES & TECHNOLOGY CORP.

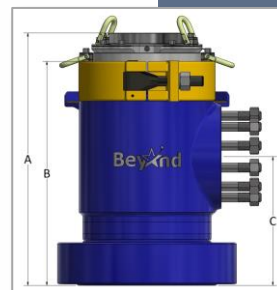
## TITAN Series Rotating Control Device (RCD)



# TITAN Series Rotating Control Device (RCD)

## Main Specifications – TITAN Series Body

Series	TITAN
Inside Diameter	Dictated by ID of Lower Flange
Bottom Inlet	Upon Request (see <i>Dimensional Data</i> )
Side Outlet	7 1/16" 5 000 API Flange (Studded)
Additional Side Outlet (TITAN 5 – Standard, TITAN 3 – Optional)	4 1/16" 5 000 API Flange (Studded)
Equalize/Bleed Down Outlet	2 1/16" 5 000 API Flange (Studded)
Pressure Rating	TITAN 5 Body – 5 000 psi (34.5 MPa) TITAN 3 Body – 3 000 psi (20.7 MPa)
API 16RCD Monogram	No. 0027



A = Overall Height  
B = Body Height  
C = Center of Outlets

## Dimensional Data

### TITAN 3 Assembly (3 000psi – 20.7 MPa)

Bottom Flange*	Overall Height with ARES 1578 Bearing Assembly	Body Height	Center of Outlets
13 5/8" 5M <sup>‡</sup>	37.4" 95.0 cm	33.2" 84.3 cm	19.1" 48.5 cm
11" 5M	36.9" 93.7 cm	32.7" 83.1 cm	18.5" 47.0 cm
11" 3M	35.2" 89.4 cm	31.0" 78.7 cm	16.8" 42.6 cm
9" 5M	35.7" 90.7 cm	31.5" 80.0 cm	17.3" 43.8 cm
7 1/16" 5M	35.2" 89.4 cm	31.0" 78.7 cm	16.8" 42.6 cm

<sup>‡</sup> Shorter TITAN 3 bodies can be manufactured on special request

### TITAN 5 Assembly (5 000psi – 34.5 MPa)

Bottom Flange*	Overall Height with ARES 1578 Bearing Assembly	Body Height	Center of Outlets
13 5/8" 5M	37.8" 96.0 cm	34.0" 86.4 cm	18.8" 47.8 cm
11" 5M	37.8" 96.0 cm	34.0" 86.4 cm	18.8" 47.8 cm
11" 3M	36.7" 93.2 cm	32.5" 82.6 cm	17.3" 43.8 cm

\* API Rotating flanges. Please inquire for Overall Height with ARES 3078 and ARES 3090.



**RCD TITAN 3  
Body**



**RCD TITAN 5  
Body**



# TITAN Series Rotating Control Device (RCD)

## Main Specifications – ARES Series Bearing Assembly

ARES bearing assemblies can be installed in either the TITAN 3 or TITAN 5 bodies

		1578 Bearing Assembly	3078 Bearing Assembly*	3090 Bearing Assembly*
Maximum Outer Diameter		17 ¼" (43.8 cm)	17 ¼" (43.8 cm)	17 ¼" (43.8 cm)
Passthrough Diameter		7 ¾" (19.7 cm)	7 ¾" (19.7 cm)	9" (22.86 cm)
Static Pressure Rating		3 000 psi (20.7 MPa)	5 000 psi (34.5 MPa)	5000 psi (34.5 MPa)
Dynamic Pressure Rating	@ 60 RPM	1 500 psi (10.4 MPa)	3 000 psi (20.7 MPa)	3000 psi (20.7 Mpa)
	@ 100 RPM	1 500 psi (10.4 MPa)	2 500 psi (17.2 MPa)	2330 psi (16.1 Mpa)
	@ 150 RPM	1 000 psi (6.9 MPa)	1 500 psi (10.3 MPa)	1500 psi (10.3 MPa)
	@ 200 RPM	1 000 psi (6.9 MPa)	To Be Determined	250 psi (1.7 MPa)
Maximum RPM		200 RPM	200 RPM	200 RPM

\*Dual Bearing Assembly available



All Beyond Energy RCD Products are developed in accordance with API Spec 16RCD

## Applications

- Managed Pressure Drilling
- Pressurized Mud Cap Drilling
- Underbalanced Drilling
- Containment of wellbore returns

## Features and Accessories

- Logging adaptor available in 7 ¼/16" 5M and 9" 5M
- Comes with securable transport skid
- Additional rotating or fixed flange options
- Manufactured in accordance with API Q1, ISO 9001:2015 and API 16RCD



**ARES 1578**  
Bearing Assembly

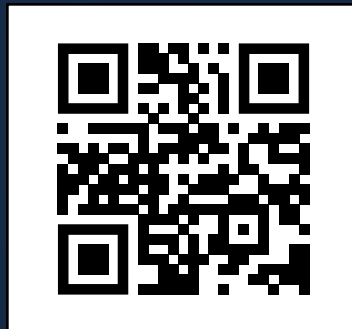


**ARES 3078**  
Bearing Assembly



**ARES 3090**  
Bearing Assembly

# We do Managed Pressure Drilling.



V1.2