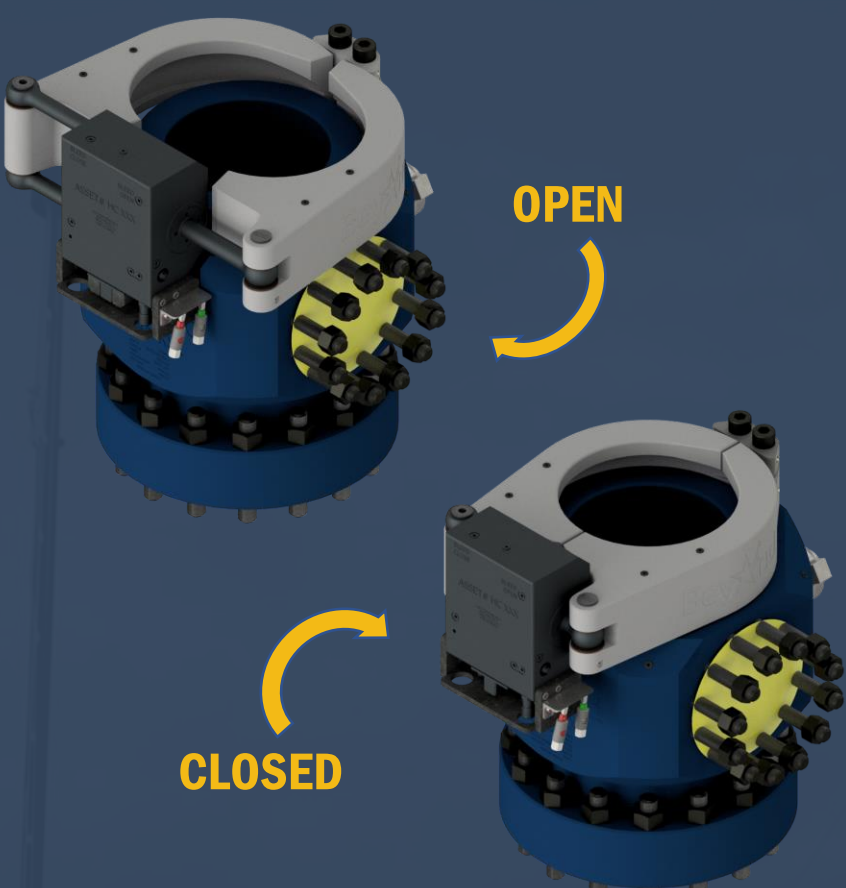


# ORION HYDRAULIC CLAMP

The ORION Hydraulic Clamp was designed to increase the simplicity and safety surrounding Bearing Assembly and Accessory installation and removal. Remotely operated, the User is provided with simplistic Open and Close indicators. The clamp and control panel design has no electrical components allowing it to be placed in Zone 1 areas.

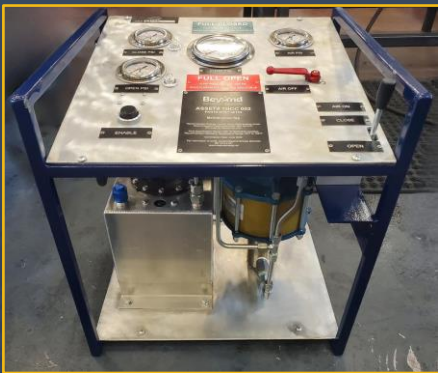
**With NO manual backup required, WHY settle for anything less in your Hydraulic Clamp?**



**CLOSED**

**OPEN**

**CONTROL  
PANEL**



**Improves Safety**



**Open & Closed  
Indicators**



**Remotely Operated**



**No Increase in Height**



**Easy to Use**

## Specification and Dimensions

TITAN Body	
Operating Parameters	
MAWP- Static	34,474 kPa (5,000 psi)
Maximum Temperature	121° C (250° F)
Minimum Temperature	-29° C (-20° F)
Physical Data TITAN Body with ORION Hydraulic Clamp	
Flowline Flange	Studded
Connection	7- <sup>1</sup> / <sub>16</sub> in. 5M R-46
MPD Flange	Studded
Connection	4- <sup>1</sup> / <sub>16</sub> in. 5M R-39
Hole Fill Flange	Studded
Connection	2- <sup>1</sup> / <sub>16</sub> in. 5M R-24
Max Width in Closed Position	900 mm (35.4 in.)
Max Width in Open Position	830 mm (32.7 in.)
Height without ARES1578 Installed	940 mm (37.0 in.)
Height with ARES1578 Installed	1006 mm (39- <sup>5</sup> / <sub>8</sub> 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- <sup>7</sup> / <sub>16</sub> in. x 18- <sup>7</sup> / <sub>16</sub> in. x 22- <sup>1</sup> / <sub>4</sub> in.)

Size Options		
Size/Pressure	11in. 5M	13 ½ in. 5M
Maximum Throughbore	279.4 mm (11.0 in.)	346.1 mm (13 ½ in.)
Bottom Flange	Rotating	Rotating
Connection	11in. 5M	13 ½ in. 5M
	R-54	BX-160
Assembly Weight	1,485 kg (3,273 lb.)	1,582 kg (3,487 lb.)

