



Trunnion Mounted Ball Valve

Trunnion Mounted Ball Valve made by Centro Flow is a very common type one among ball valves, the structure of trunnion ball valve is opposite to a floating one with ball fix installed to the stem on one end, and the other end ball connected to trunnion. This Centro Flow Trunnion ball valve made strictly conform to the Global standard and customized specifications. And products fully controlled under management ISO 9001 and standard API. For more information please don't hesitate to contact us imm.

Product Description

Construction of Centro Flow Trunnion Ball Valve is of a heavy duty 2-piece bolted body structure, designed to meet or exceed the requirements of most demanding applications. Its a floating seat ring, self-relieving seat design. The seat are contained in metal carries with spring loaded against ball, while the two independent floating seat rings assures bi-directional tightness of the valve from zero differential pressure to the maximum rated pressure. When valve be in a closed position, media will be trapped in the body cavity, unless this media is drained, it will be subject to thermal expansion and contraction. During the temperature rises, the trapped media desires to expand and the pressure increases in the body cavity. In order to avoid excessive pressure built-up, the Centro Flow valve seats are designed to self-relieve, allowing the media in the body to escape into the pipeline.



CENTRO Trunnion Mounted Ball Valve Features:

Connections: ISO 5211 top connection
 Double seat of O-rings and fire safe design
 Body Type Flanged (RF, RTJ), Buttweld
 Body CS, SS, Duplex SS
 Ball CS + ENP, CF8M, CF3M, Duplex SS
 Stem 410 SS, 316 SS, 304 SS, XM-19, Duplex SS
 Seat RTFE, PEEK, Devlon, Nylon, Viton
 Seat Seal HNBR, FKM
 Size Range
 Series 7 - 2" to 14" (DN 50 to 350)
 Pressure Rating
 Class 150 -300 Full and Reduced Bores
 Design Standard
 API 6D, ASME B16.34

Testing Standard
API 6D, API 598, ISO 5208

Material and Main Parts

PARTS	MATERIAL	
BODY	ASTM A351-CF8M 1.4408	ASTM A216-WCB 1.0619
CAP		
Body Type	Flanged (RF, RTJ), Butt weld	
Body	CS, SS, Duplex SS	
Ball	CS + ENP, CF8M, CF3M, Duplex SS	
Stem	410 SS, 316 SS, 304 SS, XM-19, Duplex SS	
Seat	RTFE, PEEK, Devlon, Nylon, Viton	
Seat Seal	HNBR, FKM	
Size Range	2" to 10" (DN 50-DN350)	
Pressure Rating	Class 150 - 1500 Full and Reduced Bores	
Design Standard	API 6D, ASME B16.34	
Testing Standard	API 6D, API 598, ISO 5208	

