



Forged Steel Ball Valve

Forged Steel 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 Forged Steel Ball Valve is of a heavy duty 3-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 Forged Steel Ball Valve Features:

Connections: ISO 5211 top connection

Double seat of O-rings and fire safe design

Body Type Flanged (RF, RTJ)

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 - 16" to 24" (DN 400 to 600)

Pressure Rating

Class 600 -1500 Full and Reduced Bores

Design Standard

API 6D, ASME B16.34

Testing Standard

API 6D, API 598, ISO 5208

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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	