# **FLUD**



#### 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 opposit 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 comform 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.

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## 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

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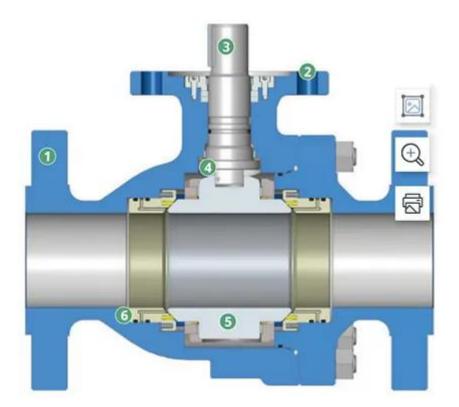


Testing Standard API 6D, API 598, ISO 5208

# Material and Main Parts

| PARTS            | MATERIAL                                 |                      |
|------------------|--|----------------------|
| BODY             | ASTM A351-CF8M 1.4408                    | ASTM A216-WCB 1.0619 |
| САР              |  |                      |
| 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       | 2" to10" (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                |                      |





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