



## **Ball Valves - Floating and Trunnion**



**PHBB Valves Private Limited**

# Introduction

We are a technically focussed manufacturer of Ball Valves and Butterfly Valves for the Oil & Gas, Process, Specialty chemical, Power & Mining Industry. Our company is led by Directors who have deep & varied experience in Valve Design, Manufacturing, Quality Assurance, Project Management and Documentation. Our hand picked team is highly experienced with a strong technical backbone with in-depth global project experience. Our Product benefit from advanced design features and are constructed from state of the art material that provide excellent sealing performance and longevity.

## CERTIFICATIONS

- ◆ ISO 9001:2015
- ◆ EMS ISO 14001:2015
- ◆ OHSAS 18001:2007
- ◆ PED (2014/68/EU)
- ◆ ATEX (2014/34/EU)
- ◆ API Q1 (Q1 - 2568)
- ◆ API 6D (6D – 0101)
- ◆ FIRE TEST (API607/API6FA/ISO 10497)
- ◆ FUGITIVE EMISSION TEST (ISO 15848 PART I & II)
- ◆ (PROTOTYPE AND PRODUCTION TEST)
- ◆ CANADIAN REGISTRATION NUMBER (CRN) :  
OC1262.0 (FID# 15124)

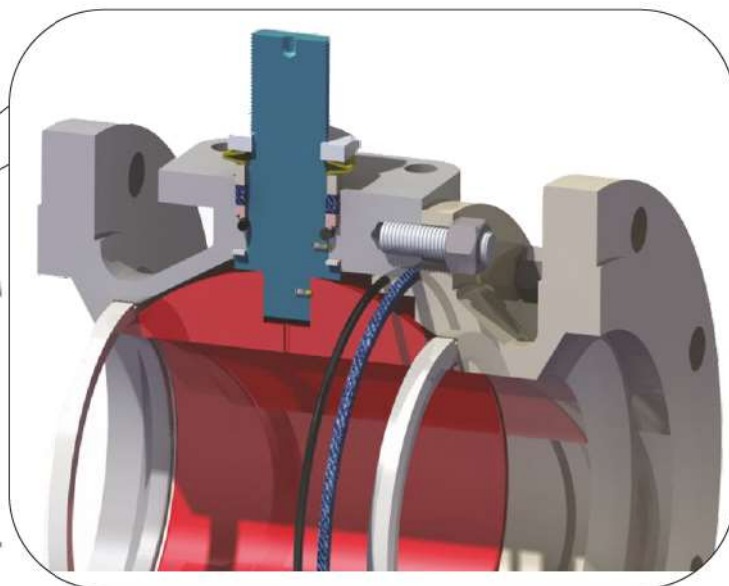




## Floating Ball Valves - Full Bore and Reduced Bore



**Floating Ball valve**



### Size Range :

- ◆ Size : DN8 to DN300
- ◆ Rating : Class 150 to 2500

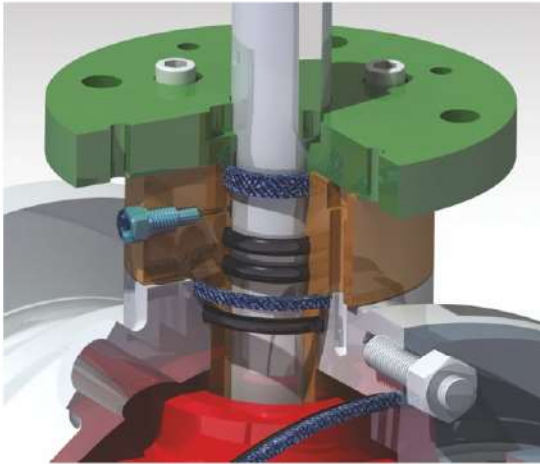
### Features :

- ◆ Blow Out Proof Stem
- ◆ Tamper Proof Anti-Static Device
- ◆ Optional Open & Close Position Locking
- ◆ Wide Stem and Body seal options
- ◆ Valves are Type Tested for Fugitive Emission
- ◆ Fire Safe Design
- ◆ Double Seal Body Joint & Live Loaded Stem Packing
- ◆ Cavity Relief for Safety
- ◆ Wide Range of Seat and Seal Materials
- ◆ Construction Available in Single, Two and Three piece

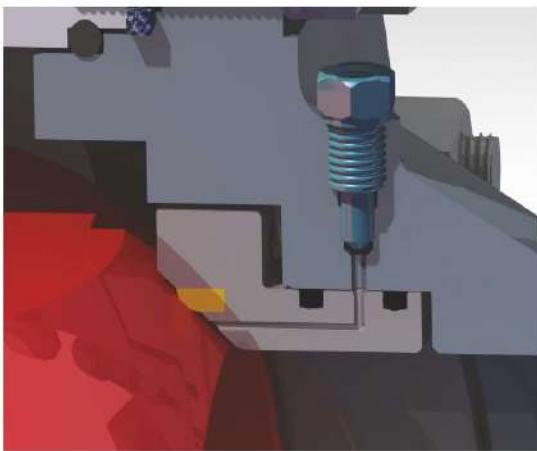
### Reference Standards :

- ◆ Design Standards : ISO 17292, API 6D, ASME B16.34, ASME B16.10, EN 12516-1 & 2, API 608
- ◆ Ends : ASME B16.5, ASME B16.11, ASME B16.25, API 1.20.1, EN 1759, EN1092 - 1 & 3
- ◆ Fire Safe Standards : API 607, ISO 10497, API 6FA
- ◆ Testing Standards : API 598, EN 12266-1, ISO 5208, ANSI FCI 70-2, API 6D, ISO 15848 PART - 1 & 2
- ◆ Material Standards : ASTM, NACE MR 0175/ISO 15156-1, 2 & 3, NORSOK 6 M650

## Trunnion Ball Valves - Full Bore and Reduced Bore



**Optional Stem Sealant Injection**



**Optional Seat Sealant Injection**



**Two-Piece Trunnion Ball Valve**

### Features :

- ◆ Bolted Body, Side Entry Construction
- ◆ Double Block and Bleed
- ◆ Fire Safe Design
- ◆ Tamper proof Anti-static Device
- ◆ Double Seal Body Joint & Multiple Stem sealing
- ◆ Wide Stem and Body seal options
- ◆ Wide Range of Seat and Seal Materials
- ◆ Provision for the optional emergency stem and
- ◆ Seat Sealant injection
- ◆ Optional Open & Close Position Locking / Three-Piece Trunnion Ball valve
- ◆ Valves are Type Tested for Fugitive Emission
- ◆ Blowout proof Stem assists the replacement of stem seal under pressure

### Size Range :

Size : DN40 to DN600  
Rating : Class 150 to 2500

### Reference Standards :

- ◆ Design Standards : ISO 17292, API 6D, ASME B16.34, ASME B16.10, EN 12516-1 & 2, API 608
- ◆ Ends : ASME B16.5, ASME B16.11, ASME B16.25, API 1.20.1, EN 1759, ISO 228, EN1092 - 1 & 3
- ◆ Fire Safe Standards : API 607, ISO 10497, API 6FA
- ◆ Testing Standards : API 598, EN 12266-1, ISO 5208, ANSI FCI 70-2, API 6D, ISO 15848 - 1 & 2
- ◆ Material Standards : ASTM, NACE MR 0175/ISO 15156-1, 2 & 3, NORSOK M650



**Three Piece Trunnion Ball Valve**

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