



VTZ VALVES AND AUTOMATION

(An ISO 9001:2015 Certified Company)



Flush Bottom Ball Valve



Flush Bottom Ball Valves are ideally suitable for the free flowing of liquid where space below vessel, tank (or) reactor is insufficient.

HANDLE OPTION



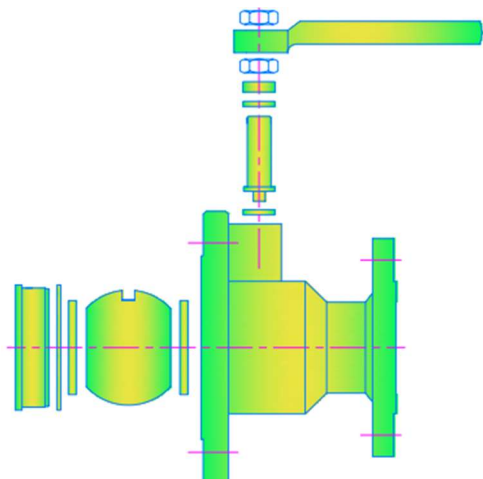
Technical Data

- **Design and Manufacturing:** BS EN ISO 17292 / BS 5351 / API 6D
- **Inspection & Testing:** BS EN 12266 / BS 6755 PART 1 / API 598 / API 6D
- **Face to Face:** As per ANSI B 16.10
- **End Connections:** Flanged Ends as per ANSI B 16.5

Special Features:

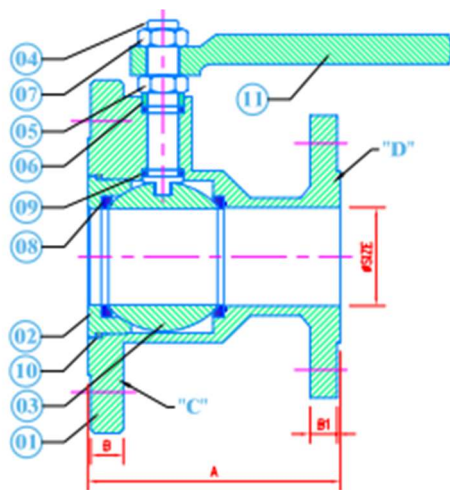
- Unique design of our flush bottom ball valves assures "Zero Dead Leg Area" above the ball where it tends to close.
- Casted and fabricated in all available metallurgy such as Carbon Steel, SS-304, SS-316, SS-304L, SS-316L, Hastelloy and as per special specifications.
- Valves available in the range of 25NB to 200NB and offered in end connections such as BS, ANSI, DIN standards.
- Anti-Blow proof stem.

PRIMARY SERVICE RATING & TEST PRESSURE				
CLASS	WORKING PRESSURE	HYD. TEST PRESSURE		
		BODY	SEAT	TEMP
150	150 PSIG	425 PSIG	300 PSIG	200 DEG.C
AIR TEST-SEAT 80 PSIG ± 10 PSIG				



SUITABLE FOR

STEAM	WATER	OIL	PRODUCT	GASES
			●	



SL Nos.	DESCRIPTION	MATERIAL
01	BODY	C.S / CF8 / CF8M / CF3 / CF3M
02	RETURN NUT	C.I / CS / SS-202 / SS-304 / SS-316
03	BALL	SS-304 / SS-316
04	STEM	SS-304 / SS-316
05	GLAND NUT	SS-304 / SS-316 / MS
06	GLAND BUSH	SS-304 / SS-316 / MS
07	LOCK NUT	SS-304 / SS-316 / MS
08	SEAT RING	PTFE / GFT
09	BODY SEALANT RING	PTFE / GFT
10	LEVER	MS / SS-304

DIMENSION DETAILS (MM)

SIZE	CLASS - 150					
MM	A	B	C-FLANGE	D-DLANGE	B	B1
15 x 25	70	12.5	25 NB -150#	15 NB -150#	11	11
20 x 25	76	20	25 NB -1fiO#	20 NB -150#	11	11
25 x 40	76	25	40 NB -150#	25 NB -150#	11	11
40 x 50	105	38	50 NB - 150#	40 NB - 150#	14	14
50 x 80	125	50	80 NB -150#	50 NB -150#	16	16
80 x 100	155	76	100 NB -150#	80 NB -150#	19	19
100 x 150	176	100	150 NB -150#	100 NB -150#	24	24

* In process of continuous improvement of products, the data given herein is subject to change.

Please Note:

1. Flush Type Ball Valves are generally manufactured in reduced port socket head allen bolts instead of hex head bolt / nut
2. In reduced port design, the inlet flange "C" will be of higher size than outlet size flange "D".
For Example, 50mm X 80mm flush type ball valve will have inlet side flange as per 80 NB ASA 150# and outlet side flange will be as per 50 NB ASA 150#.
3. End to End Dimension can be adjusted as per customer requirement.

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