

# 3 PIECE TRUNNION MOUNTED BALL VALVES CLASS 150/300/600 REDUCED BORE & FULL BORE

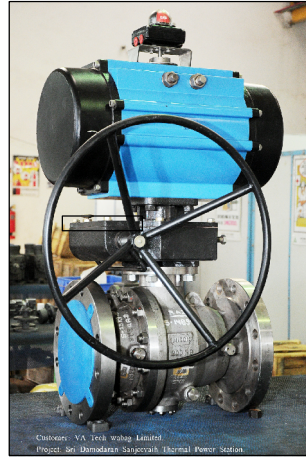
## PRODUCT TECHNICAL DETAILS

### Features

- Low operating Torque.
- Design Std. EN ISO17292 / API 6D / BS 5251.
- Fire safe tested design API 607/API 6FA.
- Testing as per EN ISO 12266-1.
- Blowout Proof Stem Design & Antistatic Device.
- Face to Face Dimension as per ANSI B 16.10.
- Flange Drilling as per ANSI B16.5 RF Serrated
- Full Bore / Reduced Bore

### On Request

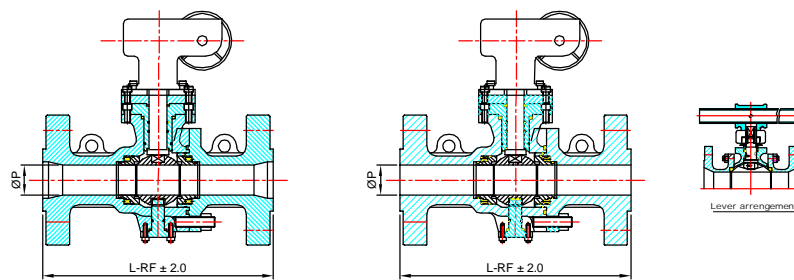
- Locking arrangement.
- NACE as per MR-01-75.
- Gear/Pneumatic Actuator/Electrical Actuator.
- Emergency sealant injection.
- For low temp & Cryogenic Service as per BS 6364.
- Jacketed valves.
- Other Types of Ends & Drilling .
- Metal Seated valves .



## MATERIALS

Sr.No	Part Name	Material Option
01	Body	ASTM A216 WCB/A217 WC6,WC9,C5,C12/A351 CF8,CF8M,CF3,CF3M/A352 LCB/A890 DUPLEX
02	End Piece	ASTM A216 WCB/A217 WC6,WC9,C5,C12/A351 CF8,CF8M,CF3,CF3M/A352 LCB/A890 DUPLEX
03	Ball	ASTM A351/ CF8,CF8M,CF3,CF3M/A890 DUPLEX
04	Stem	ASTM A276 SS410/SS 304/SS 304L/SS 316/SS 316L/DUPLEX
05	Body Seat Rings	PTFE/GFT
06	Stem seal	PTFE/GFT
07	Gland	ASTM A276 SS410/SS 304/SS 304L/SS 316/SS 316L/DUPLEX
08	Body Seal	GRAFOIL/PTFE
09	Gland Packing	GRAFOIL/PTFE
10	Lever	CS+GALVANIZED+PVC
11	Lever/Nut	CARBON STEEL
12	Stud/ Bolt	ASTM A193 B7/B7M/B8/B8M /B16/ASTM A320/L7
13	Nut	ASTM A194 2H/2HM/ 8/ 8M /ASTM A320/ 7

## DIMENSIONS



### CLASS 150

SIZE	L-RF	ØP		WT. (APPROX) KG.	
		RB	FB	RB	FB
CLASS	150	RB	FB	RB	FB
50 (2")	178	38	50	10	14
65 (2.1/2")	190	50	62	16	20
80 (3")	203	62	74	27	31
100 (4")	229	74	100	33	53
125 (5")	-	-	-	-	-
150 (6")	394	100	150	77	119
200 (8")	457	150	201	170	200
250 (10")	533	186	245	235	275
300 (12")	610	237	295	350	385

### CLASS 300

L-RF	ØP	WT. (APPROX) KG.		
		RB	FB	
150	RB	FB	RB	FB
216	38	50	14	19
241	50	62	24	32
282	62	74	35	41
305	74	100	52	59
-	-	-	-	-
403	100	150	117	172
502	150	201	200	290
508	186	245	358	430
648	237	295	475	515

### CLASS 600

L-RF	ØP	WT. (APPROX) KG.		
		RB	FB	
150	RB	FB	RB	FB
292	38	50	23	35
330	50	62	35	46
356	62	74	52	71
432	74	100	92	130
-	-	-	-	-
559	100	150	175	300
660	150	201	350	435
787	186	245	545	680
838	237	295	830	968

### Notes:

- All Dimensions are in mm.
- \* Gear Operated suggested.
- Data provided for information only. subject to change without notice.
- \*\* Available on Request.