

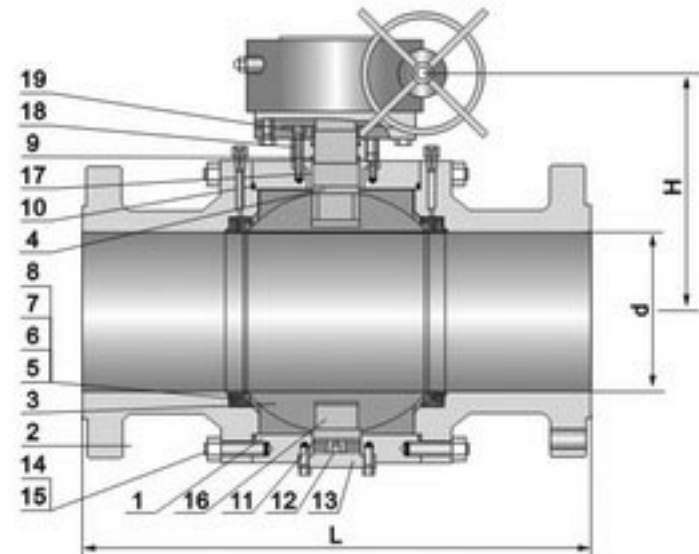
TRUNNION MOUNTED FORGED STEEL BALL VALVE 1500LB/2500LB

Applicable standards:

STEEL BALL VALVES, API 608/API 6D
STEEL BALL VALVES, ISO 14313
FIRE STATIC, API 607
ANTI STATIC, API 608
STEEL VALVES, ASME B16.34
FACE TO FACE, ASME B16.10
END FLANGES, ASME B16.5
BURRWELDING ENDS, ASME B16.25
INSPECTION AND TEST, API 598/API 6D

Design description

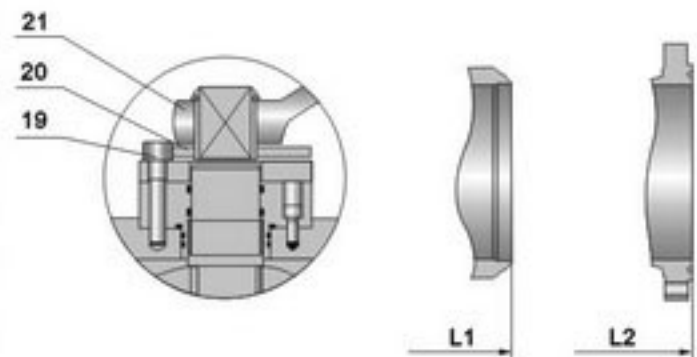
FULL PORT DESIGN
BB, BOLTED BONNET, SPLIT BODY
THREE PIECE BODY FOR 12" & ABOVE
TRUNNION MOUNTED BALL TYPE
BLOW-OUT PROOF STEM
FORE DURABLE CONSTRUCTION
ANTI STATIC DEVICE
STOPPER DEVICE
ISO 5211 MOUNTING PAD
FLANGED OR BUTTWELDING ENDS
AVAILABLE WITH WG OPERATOR



Materials of parts

NO	Part Name	ASTM Material		
		Carbon Steel	18Cr -9Ni -2Mo	Carbon Steel
1	Body	A105	A182-F316	A350-LF2
2	Bonnet	A105	A182-F316	A350-LF2
3	Ball	A182-F304 ¹⁾	A182-F316	A182-F304 ¹⁾
4	Stem	A276-304	A276-316	A276-304
5	Seat	A105+ENP	A182-F316	A350-LF2+ENP
6	Seat Insert	Glass Filled PTFE		
7	Seat Spring	A313-304	Inconel X-750	A313-304
8	Seat O - Ring	NBR	Viton	Viton
9	Stem O-Ring	NBR	Viton	Viton
10	Bonnet Gasket	Graphite+304 ²⁾	Graphite+316 ²⁾	Graphite+304 ²⁾
11	Bonnet O-Ring	NBR	Viton	Viton
12	Antistatic Spring	A313-304	A313-316	A313-304
13	Grounding Plunger	A182-F304	A182-F316	A182-F304
14	Bonnet Stud	A193-B7	A193-B8	A320-L7
15	Bonnet Stud Nut	A194-2H	A194-8	A194-4
16	Trunnion	A276-304	A276-316	A276-304
17	Trunnion Bearing	304+PTFF	316+PTFE	304+PTFE
18	Gland	A105	A182-F316	A350-LF2
19	Gland Bolt	A193-B7	A193-B8	A193-87
20	Stop Plate	Carbon Steel	Carbon Steel+Zn	Carbon Steel
21	Handle	Carbon Steel		

Note: 1) .A105+ENP optional.
2) .Spiral wound construction.



Dimensions data

NPS	2	2½	3	4	6	8	10	12	14	16	2	2½	3	4	6	8	10	12	in
DN	50	65	80	100	150	200	250	300	350	400	50	65	80	100	150	200	250	300	mm
ANSI Class 1500Lb											ANSI Class 2500Lb								
L/L1 (RF)/(BW)	14.50	16.50	18.50	21.50	27.75	32.75	39.00	44.50	49.50	54.50	17.75	20.00	22.75	26.50	36.00	40.25	50.00	56.00	in
	368	419	470	546	705	832	991	1130	1257	1384	451	508	578	673	914	1022	1270	1422	mm
L2 (RTJ)	14.62	16.62	18.62	21.62	28.00	33.12	39.38	45.12	50.25	55.38	17.88	21.25	23.00	26.88	36.50	40.88	50.88	56.88	in
	371	422	473	549	711	841	1000	1146	1276	1407	454	540	584	683	927	1038	1292	1445	mm
H	6.75	7.50	8.25	11.38	13.00	15.75	17.38	22.00	25.25	27.12	7.50	9.00	11.00	14.12	15.75	18.88	20.50	26.38	in
	170	190	210	290	330	400	440	560	640	690	190	230	280	360	400	480	520	670	mm
(d)	49	62	74	100	144	192	239	287	315	360	42	52	62	87	131	179	223	265	mm
W	24	24	32	32	32	32	32	40	40	40	24	32	32	32	32	40	40	40	in
	600	600	800	800	800	800	800	1000	1000	1000	600	800	800	800	800	1000	1000	1000	mm
WT (kg)	55	75	95	150	540	880	1360	1980	3100	4650	68	95	120	185	675	1100	1650	2300	RF/RTJ
	40	55	65	115	420	685	1025	1555	2600	3930	54	74	91	122	555	918	1355	1950	BW