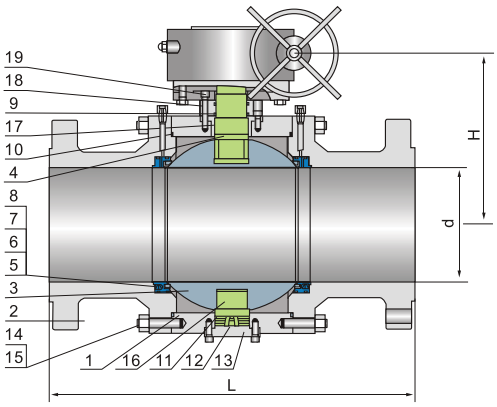
Voelkel®
The Valve Company

TRUNNION MOUNTED
FORGED STEEL BALL VALVE
900LB



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

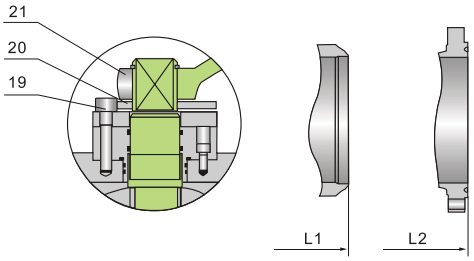
Design description

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 / DN	2 / 50	2½ / 65	3 / 80	4 / 100	6 / 150	8 / 200	10 / 250	12 / 300	14 / 350	16 / 400	18 / 450	20 / 500	24 / 600	in / mm
ANSI Class 900Lb														
L (RF)	14.50	16.50	15.00	18.00	24.00	29.00	33.00	38.00	40.50	44.50	48.00	52.00	61.00	in
	368	419	381	457	610	737	838	965	1029	1130	1219	1321	1549	mm
L1 (BW)	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12	40.88	44.88	48.50	52.50	61.75	in
	371	422	384	460	613	740	841	968	1038	1140	1232	1334	1568	mm
H	6.72	7.50	8.25	11.38	12.62	15.38	17.00	18.50	20.88	24.00	26.00	27.50	30.75	in
	170	190	210	290	320	390	430	470	530	610	660	700	780	mm
(d)	49	62	74	100	150	201	252	303	322	373	423	471	570	mm
W	24	24	24	32	32	32	32	32	32	40	40	40	40	in
	600	600	600	800	800	800	800	800	800	1000	1000	1000	1000	mm
WT (kg)	45	65	73	135	360	650	930	1350	1890	3100	4300	4950	7100	RF
	37	53	56	98	291	545	760	1145	1650	2750	3875	4410	6485	BW