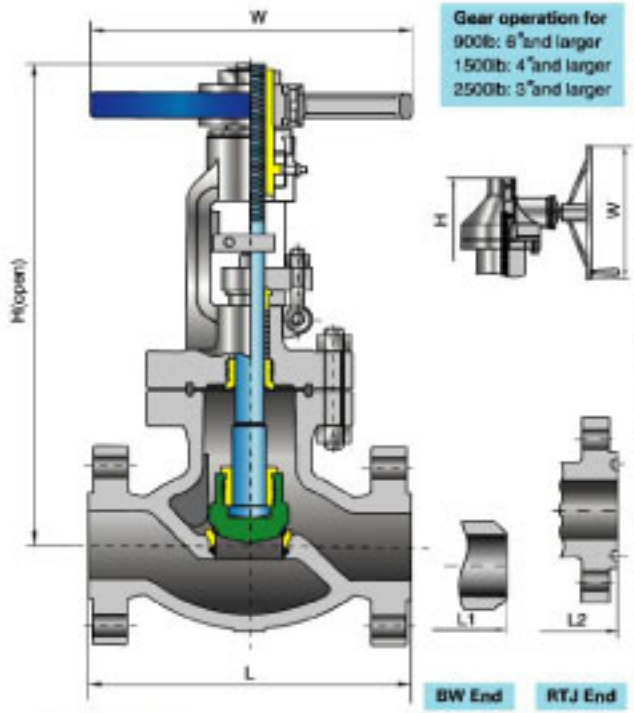
Cast Steel Bolted Bonnet Globe Valves
Class 900/1500/2500

Bolted Bonnet,Outside Screw And Yoke, Rising Stem, Plug Type Disc.



Gear operation for
900lb: 6"and larger
1500lb: 4"and larger
2500lb: 3"and larger

Parts List

PART	MATERIALS		
Body	ASTM A216 WCB	ASTM A351 CF8	ASTM A351 CF8M
Seat ring	A105+STL	ASTM A351 CF8	ASTM A351 CF8M
Disc	WCB+13Cr	ASTM A351 CF8	ASTM A351 CF8M
Stem	ASTM A182 F6a	ASTM A182 F304	ASTM A182 F316
Disc nut	ASTM A216 WCB	ASTM A351 CF8	ASTM A351 CF8M
Bonnet bolt	ASTM A193 B7	ASTM A193 B8	ASTM A193 B8M
Bonnet nut	ASTM A194 2H	ASTM A194 8	ASTM A194 8M
Gasket	SS304+Graphite	SS304+Graphite	SS316+Graphite
Back seat	ASTM A182 F6a	ASTM A182 F304	ASTM A182 F316
Bonnet	ASTM A216 WCB	ASTM A351 CF8	ASTM A351 CF8M
Packing	Graphite	Graphite	Graphite
Gland eyebolt	ASTM A193 B7	ASTM A193 B8	ASTM A193 B8M
Eyebolt nut	ASTM A194 2H	ASTM A194 8	ASTM A194 8M
Eyebolt pin	ASTM A36	304 S.S.	316 S.S.
Gland	ASTM A182 F6a	ASTM A182 F304	ASTM A182 F316
Gland flange	ASTM A216 WCB	ASTM A351 CF8	ASTM A351 CF8M
Stem nut	ASTM A439 D2	ASTM A439 D2	ASTM A439 D2
Lubricator	Steel	Steel	Steel
Guide block	Carbon steel	Carbon steel	Carbon steel
Handwheel	Ductile Iron	Ductile Iron	Ductile Iron
Handwheel nut	Carbon steel	Carbon steel	Carbon steel

Features

- Face to face and end to end dimension: ASME B16.10
- Flange dimension: ASME B16.5
- Shell wall thickness: API 600 B.W.End to ASME B 16.25

Dimensions And Weights

	Valve Size	in. mm	2 50	2 1/2 65	3 80	4 100	6 150	8 200	10 250
900lb	L-L1 (RF-BW)	in. mm	14.5 368	16.5 419	15 381	18 457	24 610	29 737	33 838
	L2 (RTJ)	in. mm	14.62 371	16.62 422	15.12 384	18.12 460	24.12 613	29.12 740	33.12 841
	H (open)	in. mm	9.44 240	10.25 260	10.25 260	12.63 320	15 382	20.88 530	27.17 690
	W	in. mm	13.75 350	15.75 400	17.75 450	22.06 560	24 610	24 610	24 610
	WT (kg)	RF BW	100 75	118 94	131 105	218 165	452 340	710 630	2050 1870
1500lb	L-L1 (RF-BW)	in. mm	14.5 368	16.5 419	18.5 470	21.5 546	27.75 705	32.75 832	—
	L2 (RTJ)	in. mm	14.62 371	16.62 422	18.62 473	21.62 549	28 711	33.13 841	—
	H (open)	in. mm	23.31 592	26 660	27.25 692	35.69 907	40 1015	45.06 1145	—
	W	in. mm	13.75 350	15.75 400	17.75 450	22.06 560	24 610	24 610	—
	WT (kg)	RF BW	112 84	141 115	228 183	336 277	822 715	990 830	—
2500lb	L-L1 (RF-BW)	in. mm	17.75 451	20 508	22.75 578	26.5 673	36 914	—	—
	L2 (RTJ)	in. mm	17.87 454	20.25 514	23 584	25.88 683	36.5 927	—	—
	H (open)	in. mm	27.25 692	29.5 750	31.5 800	47.25 1200	75 1905	—	—
	W	in. mm	15.75 400	19.69 500	24 610	30 760	30 750	—	—
	WT (kg)	RF BW	182 153	290 230	340 272	820 670	2300 2000	—	—