



Cast Steel Bolted Bonnet Valves

Gate Valves • ANSI Class 150

- Fig. No. 150 solid wedge 1½"-36"
- Fig. No. 150-BTT H.I.S. wedge 2"-24"
- Fig. No. 2150 split wedge 2"-24"
- Fig. No. 2155 flexible wedge 2½"-36"

FEATURES

- Full range of body/bonnet materials
- Full range of trim materials
- Choice of solid, flex or split wedge design
- Forged T-head stem
- Flanged or butt weld ends
- OS&Y construction
- Full port design
- Renewable seat rings – seal welded
- Full length wedge guides
- Meet design requirements of ANSI B16.5, B16.34, B16.25, B16.10 and AP1-600
- Optional elastomer seals for High Integrity Shutoff

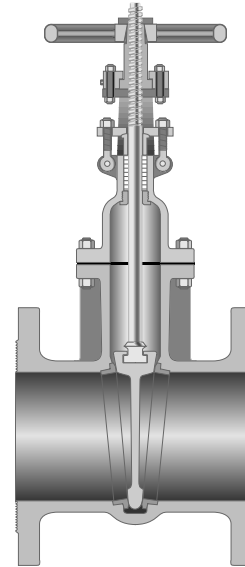
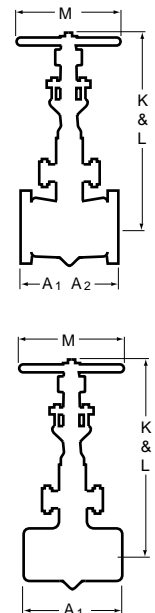


Fig. No. 150

DIMENSIONS and WEIGHTS FIGURE NUMBERS: 150, 2150⁽³⁾ & 2155

Dim	Description		VALVE SIZE (inches)															
			1.5 ⁴	2 ⁴	2.5 ⁴	3 ⁴	4 ²	6 ²	8	10	12	14	16	18	20	24	30	36
A	Face to Face Flanged Ends	in.	6.50	7.0	7.5	8.0	9.0	10.5	11.5	13.0	14.0	15.0	16.0	17.0	18.0	20.0	24.0	28.0
		mm	165	178	191	203	229	267	292	330	356	381	406	432	457	508	610	711
A ₁	End to End Weld Ends	in.	6.50	8.5	9.5	11.13	12.0	15.88	16.5	18.0	19.75	22.5	24.0	26.0	28.0	32.0	36.0	40.0
		mm	165	216	241	283	305	403	419	457	502	572	610	660	711	813	914	1016
A ₂	Face to Face RTJ	in.	7.00	7.5	8.0	8.5	9.5	11.0	12.0	13.5	14.5	15.5	16.5	17.5	18.5	20.5	24.5	28.5
		mm	178	191	203	216	241	279	305	343	368	394	419	445	470	521	622	724
K	Center to Top Open	in.	17.38	17.75	19.31	19.31	28.19	36.38	43.63	51.50	57.81	62.94	72.5	79.06	86.56	104.25	140.0	155.0
		mm	442	451	491	491	716	873	1108	1308	1468	1598	1841	2008	2198	2618	3556	3937
L	Center to Top Closed	in.	15.19	15.38	16.06	16.06	23.44	29.68	34.63	40.19	45.44	48.68	56.5	61.38	67.25	80.0	110.0	119.0
		mm	386	391	408	408	595	703	880	1020	1154	1236	1435	1560	1708	2032	2794	3023
M	Handwheel Dia.	in.	10	10	10	10	10	14	14	24	24	24	24	28	28	34	34	34
		mm	254	254	254	254	254	356	356	610	610	610	610	711	711	864	864	864
	Weight Flanged Ends	lbs.	65	68	119	128	135	232	352	593	807	1053	1337	1898	2228	3350	6145	8170
		kg	29	31	54	58	62	106	160	269	366	477	606	860	1010	1518	2787	3700
	Weight Weld Ends	lbs.	61	64	115	117	127	219	338	553	682	899	1125	1704	2023	3171	5311	7790
		kg	28	29	52	53	58	100	154	251	309	408	510	772	917	1437	2409	3534



Notes:

1. Dimensions, weights and other engineering data are subject to change or modification. This data is not to be used for construction unless confirmed by the factory.
2. For the following valves with HIS option the center to top dimensions (open and closed) must be increased approximately 2 inches, consult factory for exact dimensions.
4 inch, Class 150
6 inch, Class 150
3. Consult factory for centerline to top dimensions (open and closed) for split wedge valves.
4. 1 1/2" thru 3" furnished with round bonnet configuration.

RELATED DATA

Available materials and trims, see page 33.
See Technical Data section for: Temperature/pressure data; Raised face or ring joint flanges; Butt weld ends; Flow calculations (Cv).
See Actuators & Accessories section for: Bevel gear, spur gear, chain wheel, motor or cylinder actuators; Bypasses, drains or auxiliary piping; Special packing, etc.