



CAST STEEL GATE VALVE - CL 150

SPECIFICATIONS

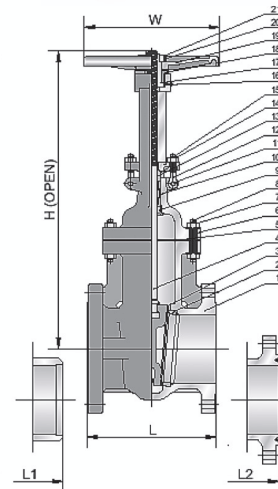
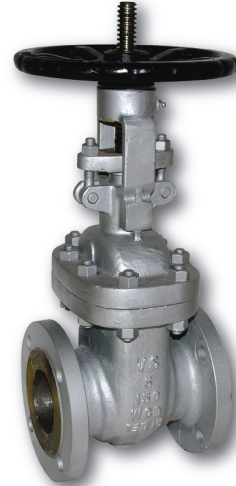
Design	ASME B16.34 / API600
Face to Face	ASME B16.10
End to End	ASME B16.10
End to Flange	ASME B16.5 / B16.47
BW End	ASME B16.25
Test	API 598
Special	NACE MR-01-75

FEATURES

OS & Y, Rising Stem
Bolted Bonnet
Flexible Wedge (2" Solid)
Extended Bonnet for Cryogenic Services
By Pass on Request
Locking Device Optional

MATERIALS OF CONSTRUCTION

ITEM	PART NAME	MATERIAL
1	Body	ASTMA216 GR.WCB
2	Seat Ring	ASTMA105+Stellite Faced
3	Disc	ASTMA216 GR.WCB+13Cr Faced
4	Stem	ASTMA182 GR.F6
5	Gasket	Soft Iron+Graphite
6	Bonnet	ASTMA216 GR.WCB
7	Bonnet Bolt Nuts	ASTMA194 GR.2H
8	Bonnet Bolts	ASTMA193 GR.B7
9	Backseat Bushing	ASTMA276 Type 410
10	Stem Packing	Braided Graphite & Die formed Graphite Ring
11	Eye Bolt Pins	Carbon Steel
12	Gland Eye Bolts	ASTMA307 GR.B
13	Gland	ASTMA276 Type 410
14	Gland Flange	ASTMA216 GR.WCB
15	Eye Bolt Nuts	ASTMA194 GR.2H
16	Grease Nipple	Carbon Steel
17	Stem Nut	ASTMA439 GR.D-2
18	Retaining Nut	Carbon Steel
19	Handwheel	Ductile Iron
20	Handwheel Nut	Carbon Steel
21	Screw	Carbon Steel
22	Yoke	ASTMA216 GR.WCB
23	Yoke Pan Bolt Nuts	ASTMA194 GR.2H
24	Yoke Pan Bolts	ASTMA193 GR.B7
25	Bearing	Steel



DIMENSIONS & WEIGHTS - Class 150

SIZE	in	2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	30"	32"	36"
	mm	50	65	80	100	150	200	250	300	350	400	450	500	600	700	750	800	900
L	in	7.00	7.50	8.00	9.00	10.50	11.50	13.00	14.00	15.00	16.00	17.00	18.00	20.00	24.00	24.00	28.00	28.00
	mm	178	191	203	229	267	292	330	356	381	406	432	457	508	610	610	711	711
L1	in	8.50	9.50	11.12	12.00	15.88	16.50	18.00	19.75	22.50	24.00	26.00	28.00	32.00	36.00	36.00	38.00	40.00
	mm	216	241	283	305	403	419	457	502	572	610	660	711	819	914	914	965	1016
L2	in	7.50	8.00	8.50	9.50	11.00	12.00	13.50	14.50	15.50	16.50	17.50	18.50	20.50	-	-	-	-
	mm	191	203	216	241	279	305	343	368	394	419	445	470	521	-	-	-	-
H	in	16.31	17.28	19.69	23.43	30.59	38.39	45.67	54.72	61.22	71.30	82.80	90.55	102.72	130.98	141.97	145.98	154.49
	mm	389	439	500	595	777	975	1160	1390	1555	1811	2103	2300	26.09	332.7	3606	3708	3924
W	in	8	8	10	10	14	14	16	18	22	24	25	27	30	24	24	24	24
	mm	200	200	250	250	350	350	400	450	560	600	640	680	760	610	610	610	610
Weight RF	kg	17	23	29	47	80	129	192	287	410	571	720	1170	1466	1931	2380	2490	3600