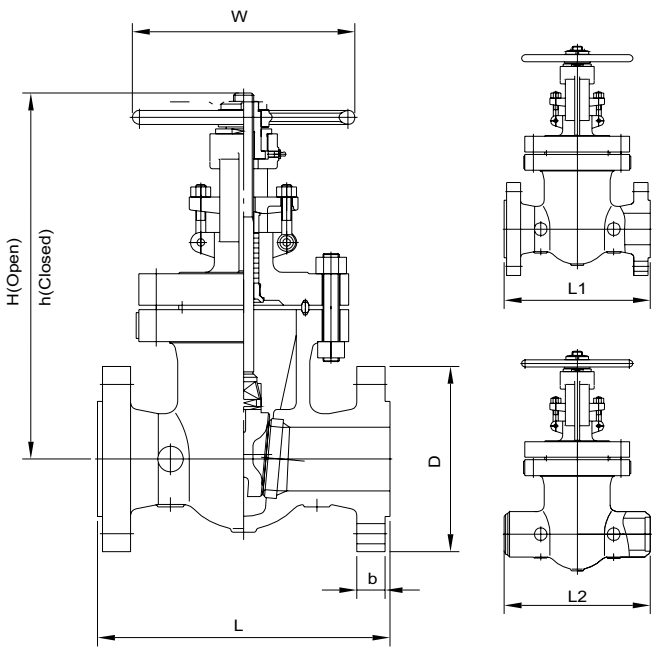
CAST STEEL FLANGED GATE VALVES, ANSI CLASS 2500

Fig No:GTF-2500 *2"~ 12"*
DN50~DN400

Features:
Flexible wedge
Seal welded seats
Outside Screw and Yoke,Rising stem design,Non-rising hand wheel
Seat face stellited,ground and lapped to a mirror finish
Universal Trim-13 Cr stem, wedge 13 Cr face and stellited seat API Trim 8 suitable for applications up to 850˚F (454˚C)
Body and Bonnet joint accurately machined, Full enclosed gasket

SampleCastings:
Before castings are released for production,the Modentic NDE inspector level Ⅲ
evaluates and approves the submitted x-ray films (100% coverage)
as per ASME B16.34 acceptance standard
Improves the internal integrity of castings (RT level 2 or better) at pattern approval

Standardcompliance:
Valve design according to API 600,
Shell Wall Thickness:API 600
Pressure-temperature rating according to ASME/ANSI B16.34
Material according to ASTM
Face to Face according to ASME/ANSI B16.10
End Flanges:ANSI B16.5
Welding Ends: ANSIB16.25
Pressure testing according to API 598



DIMENSIONS unit:mm

NOM SIZE	L	L1	L2	D	b	H	W
	RF	RTJ	BW			Open	
2"	450.9	453.9	450.9	235.0	50.8	563	350.0
2-1/2"	508.0	514.4	508.0	266.7	57.2	563	400.0
3"	577.9	584.2	577.9	304.8	66.6	582	*
4"	673.1	682.8	673.1	355.6	76.2	870	*
6"	914.4	927.1	914.4	482.6	108.0	1450	*
8"	1022.4	1038.1	1022.4	552.5	127.0	1610	*
10"	1270.0	1292.4	1270.0	673.1	165.1	2076	*
12"	1422.4	1444.8	1422.4	762.0	184.2	2281	*

*Gear Operated

MATERIAL LIST

PART NAME	ASTM Specifications(Specs.-Grades/Types)			
Handwheel Nut	Carbon Steel			
Handwheel	Malleable Iron			
Stem Nut	ASTM A439 GR.D2			
Stem	13CR,316 OR 304,17-4HP,Monel			
Gland Flange	A216-WCB	A352-LCC	A217-WC6	A217-C5
Gland	13Cr.316 OR 304			
Stem Packing	Braided Graphite & Die Formed Graphite Ring			
Backseat Bushing	13Cr.316 OR 304			
Bonnet	A216-WCB	A352-LCC	A217-WC6	A217-C5
Bonnet Gasket	Ring Joint-Soft iron			
Bonnet Bolts and Nuts	A193-B7/A194-2H	A320-L7M/A194-7M	A193-B16/A194-7	A193-B16/A194-7
Gate	A216-WCB	A352-LCC	A217-WC6	A217-C5
Seat Ring	A105,LF2,316 OR 304			
Body	A216-WCB	A352-LCC	A217-WC6	A217-C5
Gland Eye Bolts and Nuts	A193-B7/A194-2H	A320-L7M/A194-7M	A193-B7/A194-2H	
Pin	Carbon Steel			
Grease Nipple	Carbon Steel			
Retaining Nut	Carbon Steel			

Other Materials Also Available On Requested