

Fig No:GTF-300 2"~36"
DN50~DN900

Features:

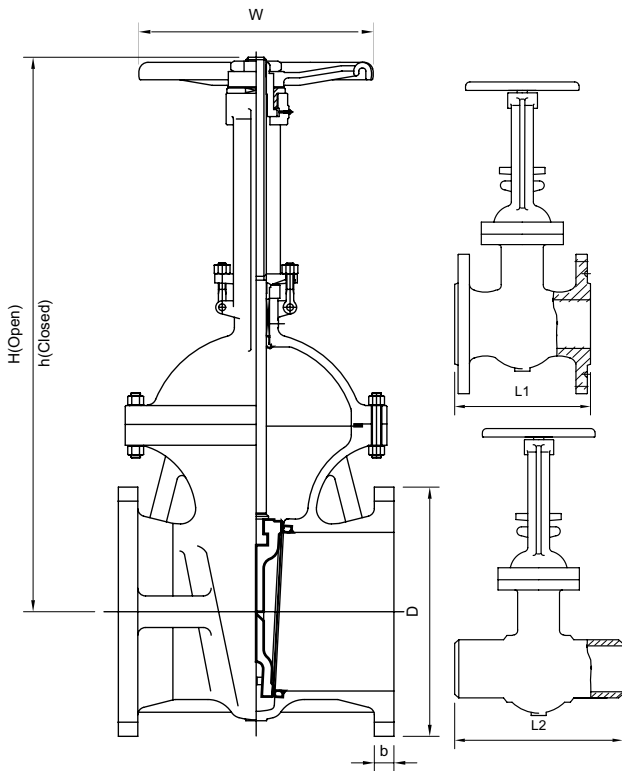
- Flexible wedge
- Seal welded seats
- Outside Screw and Yoke, Rising stem design, Non-rising hand wheel
- Seat face stellite, ground and lapped to a mirror finish
- Universal Trim-13 Cr stem, wedge 13 Cr face and stellite seat API Trim 8 suitable for applications up to 850°F(454°C)
- Body and Bonnet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

Sample Castings:

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.

Standard compliance:

- Valve design according to API600, BS1414
- Shell Wall Thickness: 2"-24": API600
26"-36": BS1414
- Pressure-temperature rating according to ASME/ANSI B16.34
- Material according to ASTM
- Face to Face according to ASME/ANSI B16.10
- End Flanges: 2"-24": ASME/ANSI B16.5
26"-36": MSS-SP44
- Welding Ends: ASME/ANSI B16.25
- Pressure testing according to API 598



DIMENSIONS

unit:mm

NOM SIZE	L/L2	L1	D	b	H	W
	RF/BW	RTJ			Open	
2"	216	232	165.1	22.2	424	200
2-1/2"	241	257	190.5	25.4	460	200
3"	283	298	209.5	28.6	535	250
4"	305	321	254.0	31.7	615	250
5"	381	397	279.4	34.9	662	350
6"	403	419	317.5	38.5	795	350
8"	419	435	381.0	41.3	1012	400
10"	457	473	444.5	47.6	1231	450
12"	502	518	520.7	50.8	1450	500
14"	762	778	584.2	54.0	1645	600
16"	838	854	647.7	57.1	1841	600
18"	914	930	711.2	60.3	1943	*
20"	991	1010	774.7	63.5	2154	*
24"	1143	1165	914.4	69.8	2553	*
26"	1244	1266	970.2	79.2	2750	*
28"	1346	1366	1035.1	86.0	3100	*
30"	1397	1422	1092.2	92.0	3320	*
32"	1524	1546	1148.1	98.6	3560	*
36"	1727	1752	1270.0	105.0	3910	*

*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	304+Graphite,Spiral Wound
Bonnet Bolts and Nuts	A193-B7/A194-2H A320-L7MA194-7M 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-L7MA194-7M A193-B7/A194-2H
Pin	Carbon Steel
Grease Nipple	Carbon Steel
Retaining Nut	Carbon Steel

Other Materials Also Available On Requested