

Fig No:GTF-1500 2"~16"
DN50~DN400

Features:

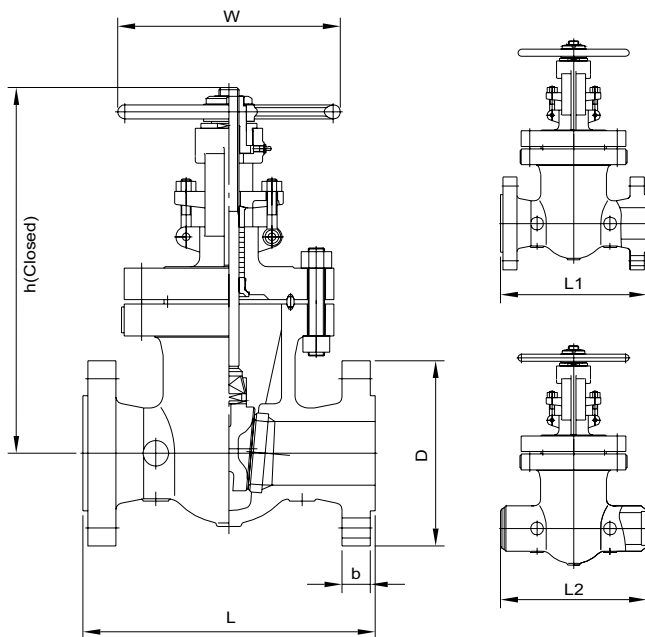
Flexible wedge
Seal welded seats
Outside Screw and Yoke, Rising stem design, Non-rising hand wheel
Seat face stellited, ground and lapped to a mirror finish
Universal Trim-13 Cr stem, wedge 13 Cr face and stellited seat API Trim 8 suitable for applications up to 850°F (454°C)
Body and Bonnet joint accurately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

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 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: ANSI B16.25
Pressure testing according to API 598



DIMENSIONS

unit:mm

NOM SIZE	L	L1	L2	D	b	H	W
	RF	RTJ	BW			Open	
2"	368.0	371.0	368.0	216.0	38.5	479.0	300.0
2-1/2"	419.0	422.0	419.0	244.0	41.5	572.0	300.0
3"	470.0	473.0	470.0	267.0	48.0	645.0	*
4"	546.0	549.0	548.0	311.0	54.0	756.0	*
6"	705.0	711.0	705.0	394.0	83.0	964.0	*
8"	832.0	841.0	832.0	483.0	92.9	1167.0	*
10"	991.0	1000.0	991.0	585.0	108.0	1425.0	*
12"	1130.0	1146.0	1130.0	675.0	124.0	1651.0	*
14"	1257.0	1276.0	1257.0	750.0	133.5	1945.0	*
16"	1384.0	1407.0	1384.0	825.0	146.5	2250.0	*

*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