



## GATE VALVE GAF-106 (OS & Y)



Resilient wedge Gate Valve for  
Fire Protection, Full bore outside screw ,  
and yoke , Rising Stem  
UL / FM approved  
Conforms to MSS SP - 70

Overall Length to ANSI B 16.10 - 1973  
Class 175

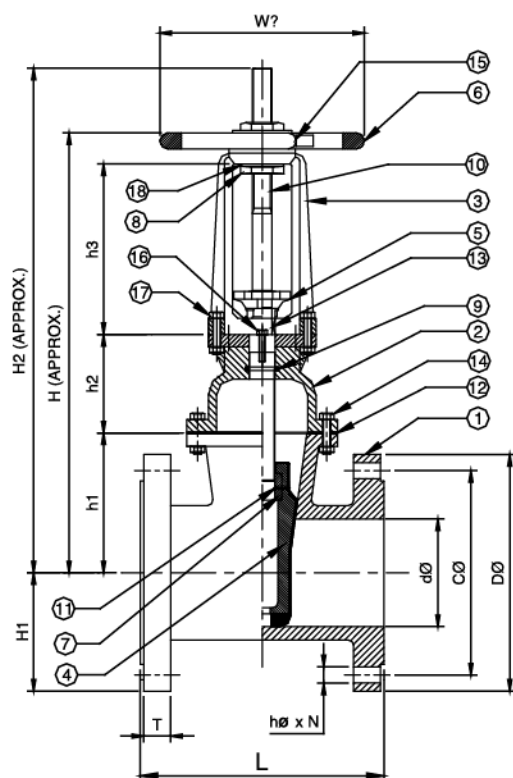
<b>Application</b>	Recommended for fire main and distribution services
<b>Working Pressure</b>	200 PSI non-shock cold water
<b>Face to Face</b>	According to ANSI B 16.10 class 125
<b>Flanges</b>	According to ANSI B 16.10 1975 150
<b>Operation</b>	By handwheel drive
<b>Closing</b>	Clockwise direction
<b>Wedge</b>	Auto-guided in body, with guide ribs, Wedge with draining hole to avoid retention of water
<b>Sealing Pressure</b>	16 Bar, the rubber coating of the wedge works always
<b>Coating</b>	Epoxy inside and outside, 200-300 microns

*Design Mechanical Data, Dimension , Materials and weight are subject to change without notice*



# SAUDI PIPES SYSTEMS CO.

## GATE VALVE GAF-106 (OS & Y)



No. Parts	Materials	Type
1 Body	Ductile Iron GGG 40/50	ASTM A 395
2 Bonnet	Ductile Iron GGG 40/50	ASTM A 395
3 Yoke	Ductile Iron GGG 40/50	ASTM A 395
4 Disc	Ductile Iron GGG 40/50 & Rubber (Buna-N)	ASTM A 395
5 Gland	Ductile Iron GGG 40/50	ASTM A 395
6 Hand Wheel	Cast Iron	ASTM A 395
7 Stem Nut	Bronze	B62
8 Yoke Sleeve	Bronze	B62
9 O-Ring	Rubber (Buna-N)	D 416-72a
10 Stem	Bronze or St. Steel	B21 or 304
11 Roll Pin	Stainless Steel	A 276 Type 304
12 Bonnet Gasket	Rubber (NBR)	A 307 Grade B
13 Packing	Carbonized Filter	A 307 Grade B
14 Bonnet Bolt & Nut	Steel	A 307 Grade B
15 Hand Wheel Nut	Galvanized Steel	A 307 Grade B
16 Gland Bolt & Nut	Steel	A 307 Grade B
17 Yoke Bonnet Bolt & Nut	Steel	B62
18 Hand Wheel Washer	Bronze	A 307 Grade B

REMARKS : PART No. 4

Disc (Ductile Iron ASTM A 395) vulcanized with NBR or EPDM D 418-72a

SIZE dØ inch.	Flanged ANSI B16.1 CL 150						H	H1	H2	WØ	SØ	MØ	t	H1	H2	H3	p	No. of TURN	CV FACTOR
	L	DØ	CØ	hØ	n	T													
2 1/2	190	178	140	19	4	18	333	89	403	250	25.4	1/2PT.	3	120	62	100	143	13	500
3	203	191	152	19	4	19	382	95.5	467	250	25.4	1/2PT.	3	130	94	104	152	16	740
4	229	229	191	19	8	24	474	115	579	300	28.6	1/2PT.	4	147	135	134	163	22	1310
6	267	279	241	22	8	25	592	140	747	300	31.8	3/4PT.	4	212	166	190	196	30	2950
8	292	343	299	22	8	29	787	172	992	350	34.9	3/4PT.	4	282	179	238	227	33	5250
10	330	406	362	15	12	30	967	203	1222	500	44	" PT.	4	323	250	300	242	41	8220
12	356	483	432	25	12	32	1105	242	1410	500	44	" PT.	6	383	262	370	284	49	11820

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