



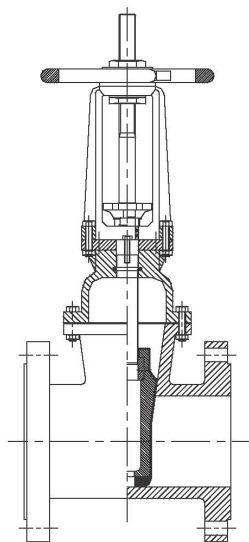
SAUDI PIPE SYSTEMS CO.

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



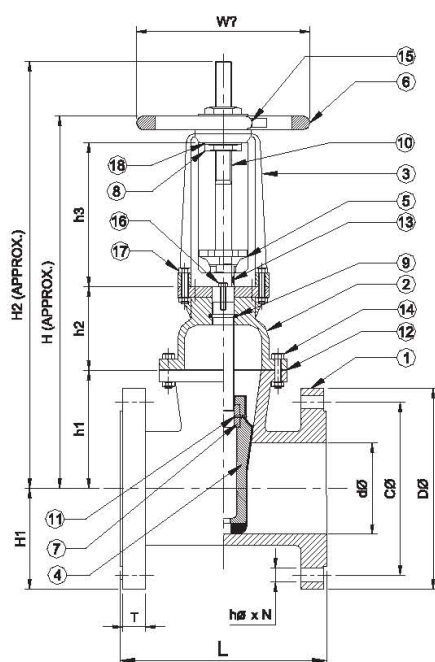
Application	Recommended for fire main and distribution services
Working Pressure	200 PSI non-shock cold water
Face to Face	According to ANSI B 16.10 class 125
Flanges	According to ANSI B 16.10 1975 150
Operation	By handwheel drive
Closing	Clockwise direction
Wedge	Auto-guided in body, with guide ribs,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

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



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No. Parts	Materials	Type
1 Body	Ductile Iron	ASTM A 395
2 Bonnet	Ductile Iron	ASTM A 395
3 Yoke	Ductile Iron	ASTM A 395
4 Disc	Ductile Iron & Rubber (Buna-N)	ASTM A 395
5 Gland	Ductile Iron	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 / 316
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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