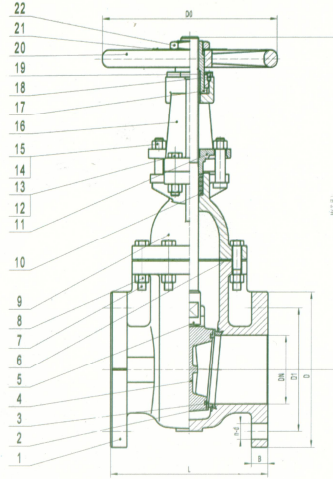
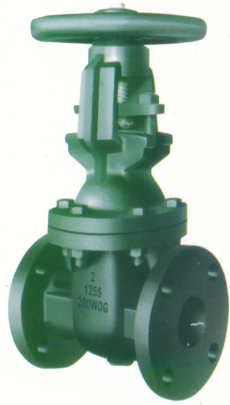


FLANGE END RISING STEM GATE VALVE



Technical requirement

- .Design, manufacture conforms to MSS SP-70.
- .Face to face dimension conforms to ANSI B16.10.
- Flange drilled conforms to ANSI B16.1.

NO.	Name of part	Material	American standard
22	handwheel nut	steel	steel
21	identification plate	aluminum	Aluminum
20	handwheel	cast iron	ASTM A 126-B
19	nut	cast iron	ASTM A 126-B
18	screw	steel	Steel
17	stem nut	cast brass	Mn-Brass
16	yoke	cast iron	ASTM A 126-B
15	nut	steel	steel
14	bolt	steel	steel
13	nut	steel	steel
12	bolt	steel	steel
11	gland follower	ductile iron	ASTM A536 65-45-12
10	packing	graphite	Non-Asbestos
9	bonnet	cast iron	ASTM A 126-B
8	nut	steel	ASTM A 563 B
7	bolt	steel	ASTM A 307 B
6	gasket	graphite	Non-Asbestos
5	stem	brass	ASTM B 16
4	wedge	cast iron	ASTM A 126-B
3	wedge seat ring	cast bronze	ASTM B 62
2	body seat ring	cast bronze	ASTM B 62
1	body	cast iron	ASTM A 126-B

Scope of application			
Class		125IB	
suitable medium		water,oil,steam	
test pressure	size	2"-12"	14"-24"
	shell	2.41MPa	1.83MPa
	seat	1.38MPa	1.03MPa
test time	size	seat test	shell test
	2"-8"	30S	30S
	10"-18"	60S	60S
	>20"	120S	180S
work pressure	size	2"-12"	14"-24"
	-29-65°C	1.38MPa	1.03MPa
	temperature	232°C:	175°C:

Size	L	D	D1	B	n-d	D0	H
2	177.8	152	121	15.9	4-19	178	311
2 1/2	190	178	140	17.5	4-19	178	347
3	203.2	190	152.5	19	4-19	200	384
4	228.6	228.6	190.5	23.8	8-19	254	490
5	254	254	215.9	23.8	8-22.2	300	541
6	266.7	279.4	241.3	25.4	8-22.2	300	656
8	292.1	343	298.5	28.6	8-22.2	348	778
10	330.2	406	362	30.2	12-25.4	400	933
12	355.6	483	432	31.8	12-25.4	457	1102
14	381	533.4	476.3	34.9	12-28.6	560	1259
16	406.4	597	539.8	36.5	16-28.6	560	1395
18	432	635	578	39.7	16-32	610	1560
20	457	699	635	42.9	20-32	610	1708
24	508	813	749.5	47.6	20-35	765	1990