

Cast Iron Gate Valve

Model # 12FGAZ (OS&Y)

Class 125 (2" to 24")

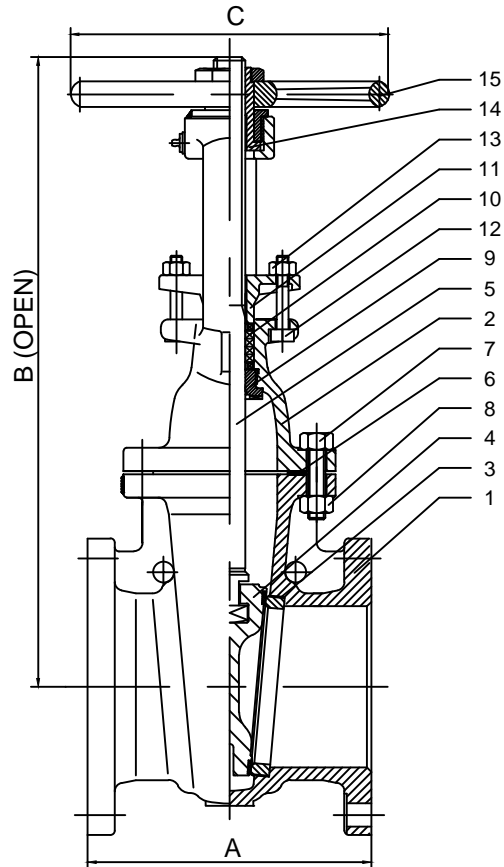
STANDARD:

Design according to MSS SP-70
 Pressure/Temperature Rating: ANSI B16.1
 Face to Face Dimensions: ANSI B16.10
 End Flange Dimensions: ANSI B16.1
 Wall thickness: ANSI B16.1
 Valves Tested According to API 598

WORKING PRESSURE:

2 to 12" - 125psi Steam, Basic Rating 200psi Cold Working Pressure
 14 to 24" - 100psi Steam, Basic Rating 150psi Cold Working Pressure

NO.	PART NAME	MATERIAL
1	BODY	ASTM A126-B
2	BONNET	ASTM A126-B
3	SEAT RING	BRONZE ASTM B62
4	WEDGE	ASTM A126-B+BRONZE
5	STEM	BRASS ASTM B16
6	GASKET	GRAPHITE
7	BOLTS	ASTM A307-B
8	NUTS	ASTM A307-B
9	BACKSEAT BUSHING	BRONZE ASTM B62
10	PACKING	GRAPHITE
11	PACKING GLAND	ASTM A126-B
12	GLAND FOLLOWER BOLT	ASTM A307-B
13	GLAND FOLLOWER NUT	ASTM A307-B
14	YOKE NUT	ASTM A439 D-2
15	HANDWHEEL	DUCTILE IRON
16	YOKE	ASTM A126-B



SIZE	INCH	2	2-1/2	3	3-1/2	4	5	6	8	10	12	14	16	18	20	24
	MM	50	65	80	90	100	130	150	200	250	300	350	400	450	500	600
A	INCH	7	7.5	8	8.5	9	10	10.5	11.5	13	14	15	16	17	18	20
	MM	178	190.5	203	216	229	254	267	292	330	356	381	406	432	457	508
B	INCH	12.5	13.5	19	21.5	23	26.5	30	37.75	45	53	61.75	69	77.5	98	116.5
	MM	326	343	482	546	589	677	762	958	1145	1342	1568	1758	1966	2489	2959
C	INCH	8	8	8	10	10	12	12	14	16	18	22	24	27	27	29.5
	MM	200	200	200	250	250	300	300	350	400	450	550	600	680	680	746
Weight	lbs	42	57	70	85	105	135	171	277	453	677	894	1426	1742	2057	2706
	kgs	19	26	32	39	48	61	78	126	205	307	406	647	790	933	1227

