



Gate Cast Iron A126 Class 125

Body and Bonnet of Cast Iron A126
Bolted Bonnet
Non Rising Stem
Design, manufacture, test in accordance
with MSS-SP-70
Flange dimensions: ANSI/ASME B16.1
Face to Face dimensions: ANSI/ASME B16.10
Hydrostatic Testing API 598
Diameters: 2" to 24"

** Certification pending to norm MSS-SP-70 from Manufacturers
Standardization Society (MSS)*

PRESSURE TEMPERATURE RATINGS

Temperature °F/°C	Pressure worked lbs/inch ² (PSI)	
	Class 125	
	2" to 14"	14" to 24"
(-) 20 °F / (-) 29 °C to (+) 150 °F / (+) 66 °C	200	150
200 °F / 93 °C	190	135
225 °F / 107 °C	180	130
250°F / 121 °C	175	125
275°F / 135 °C	170	120
300 °F / 149 °C	165	110
325 °F / 163 °C	155	105
350 °F / 177 °C	150	100
375 °F / 191 °C	145	95
400 °F / 204 °C	140	90
425 °F / 218 °C	130	80
450 °F / 232 °C	125	75



* Reference photo



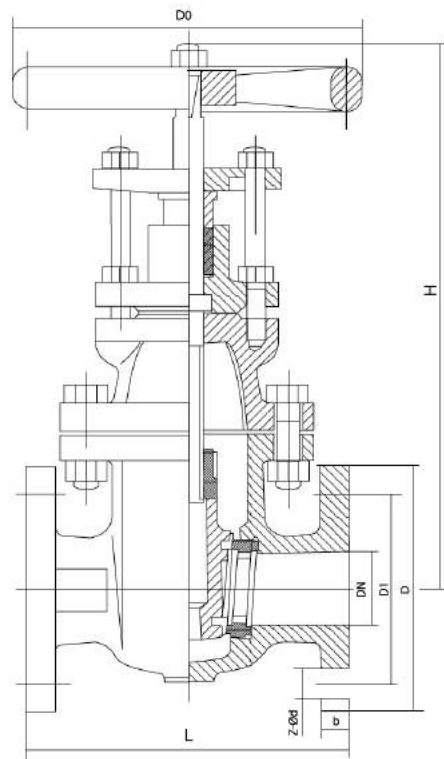
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Gate Cast Iron A126 Class 125

MATERIALS

	PART NAME	MATERIAL
1	BODY, BONET	ASTM A126B
2	SEAT RING	ASTM B62
3	WEDGE	ASTM A126B + ASTM B62
4	STEM	SS 410
5	BOLT/NUT	ASTM A307 -B
6	GASKET	GRAPHITE WITH SOFT STEEL
7	PACKING	GRAPHITE
8	STEM NUT	ASTM B62

TEST API 598



DIMENSIONS (mm)

SIZE	L	D	D ₁	b	Z-ød	D ₀	H	WEIGHT (KG)
1 1/2"	165	127	98.6	14.3	4-16	180	280	15
2"	178	152	121	16	4-19	200	313	18
2 1/2"	191	178	140	18	4-19	200	334	25
3"	203	191	152	19	4-19	200	370	29
4"	229	229	191	24	8-19	260	430	48
5"	254	254	216	24	8-22	300	454	65
6"	267	279	241	25.4	8-22	300	550	80
8"	292	343	298	29	8-22	350	678	141
10"	330	406	362	30.2	12-25	400	750	202
12"	356	483	432	32	12-25	450	880	283
14"	381	533	476	35	12-29	508	940	375
16"	406	597	540	36.5	16-29	558	1080	497
18"	432	635	578	39.7	16-32	610	1180	606
20"	457	699	635	42.9	20-32	640	1380	890
24"	508	813	749	47.6	20-35	640	1460	1170
30"	610	984	914	54	28-35	762	2140	2320
36"	711	1168	1086	60.3	32-42	762	2385	3810