

## ANSI CLASS 125 CAST IRON GLOBE VALVE

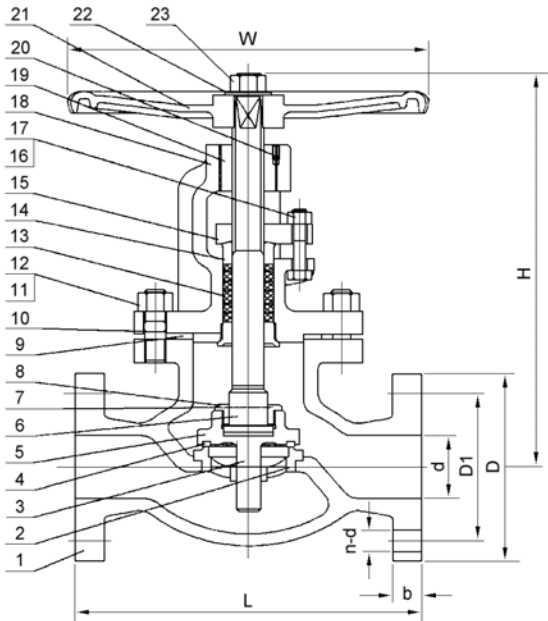
**FIG. 276-CI-125** Class 125, Flanged ends, bolted bonnet, Cast Iron body & bonnet, Bronze trim.



Flange dimensions: ANSI B16.1  
 Face-to-Face dimensions: ANSI B16.10  
 Testing & Design: MSS-SP-85

**Materials:**

No.	Part Name	Specification
1	Body	ASTM A126B
2	Seat ring	ASTM B62
3	Guide spindle	ASTM B16
4	Disc seat ring	ASTM B62
5	Disc	ASTM A126B
6	Stem	ASTM B16
7	Check screw	Carbon steel
8	Disc cover	Carbon steel
9	Bonnet gasket	Graphite & steel
10	Back seat bushing	ASTM B16
11	Stud	ASTM A307
12	Nut	Carbon steel
13	Packing	Graphite
14	Packing gland	ASTM A307
15	Gland follower	ASTM A536
16	Square head bolt	Carbon steel
17	Nut	Carbon steel
18	Bonnet	ASTM A126B
19	Stem nut	Mn-Brass
20	Screw	Carbon steel
21	Handwheel	ASTM A126B
22	Washer	Carbon steel
23	Nut	Carbon steel



**Dimensions:**

Size		L		D		D1		b		n-d	H (open)		W		Weight	
in	mm	in	mm	in	mm	in	mm	in	mm	in	in	mm	in	mm	lb	kg
2	50	8	203	6	152	4 <sup>3</sup> / <sub>4</sub>	121	5 <sup>5</sup> / <sub>8</sub>	15.9	4 - 3 <sup>1</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>4</sub>	298	7 <sup>7</sup> / <sub>8</sub>	200	40	18
2 <sup>1</sup> / <sub>2</sub>	65	8 <sup>1</sup> / <sub>2</sub>	216	7	178	5 <sup>1</sup> / <sub>2</sub>	140	11 <sup>1</sup> / <sub>16</sub>	17.5	4 - 3 <sup>1</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>8</sub>	314	7 <sup>7</sup> / <sub>8</sub>	200	55	25
3	80	9 <sup>1</sup> / <sub>2</sub>	241	7 <sup>1</sup> / <sub>2</sub>	190	6	152	3 <sup>3</sup> / <sub>4</sub>	19	4 - 3 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>8</sub>	359	7 <sup>7</sup> / <sub>8</sub>	200	70	32
4	100	11 <sup>1</sup> / <sub>2</sub>	292	9	229	7 <sup>1</sup> / <sub>2</sub>	191	15 <sup>1</sup> / <sub>16</sub>	23.8	8 - 3 <sup>1</sup> / <sub>4</sub>	16 5 <sup>1</sup> / <sub>16</sub>	414	10	254	132	60
5	125	13	330	10	254	8 <sup>1</sup> / <sub>2</sub>	216	15 <sup>1</sup> / <sub>16</sub>	23.8	8 - 7 <sup>1</sup> / <sub>8</sub>	17 9 <sup>1</sup> / <sub>16</sub>	446	11 <sup>1</sup> / <sub>4</sub>	298	180	82
6	150	14	356	11	279	9 <sup>1</sup> / <sub>2</sub>	241	1	25.4	8 - 7 <sup>1</sup> / <sub>8</sub>	19	483	11 <sup>1</sup> / <sub>4</sub>	298	233	106
8	200	19 <sup>1</sup> / <sub>2</sub>	495	13 <sup>1</sup> / <sub>2</sub>	343	11 <sup>1</sup> / <sub>4</sub>	298	1 <sup>1</sup> / <sub>8</sub>	28.6	8 - 7 <sup>1</sup> / <sub>8</sub>	22 11 <sup>1</sup> / <sub>16</sub>	576	13 <sup>3</sup> / <sub>8</sub>	346	416	189
10	250	24 <sup>1</sup> / <sub>2</sub>	622	16	406	14 <sup>1</sup> / <sub>4</sub>	362	1 3 <sup>1</sup> / <sub>16</sub>	30.2	12 - 1	25 11 <sup>1</sup> / <sub>16</sub>	652	15 <sup>3</sup> / <sub>4</sub>	400	664	302
12	300	27 <sup>1</sup> / <sub>2</sub>	699	19	483	17	432	1 <sup>1</sup> / <sub>4</sub>	31.8	12 - 1	28 <sup>3</sup> / <sub>8</sub>	733	17 <sup>3</sup> / <sub>4</sub>	451	906	412