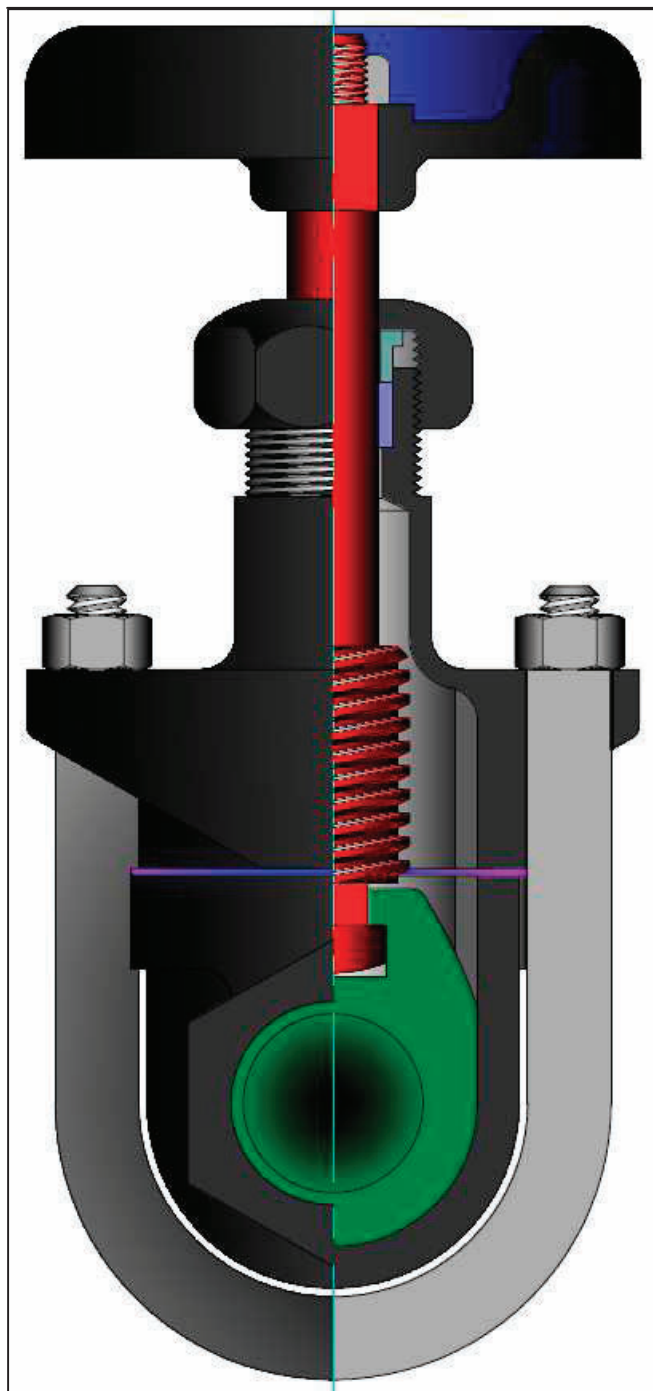


CLIP GATE VALVE
THREADED BONNET, THREADED ENDS
¼" TO 4" (6 TO 100 mm) CLASS 150
CAST IRON



Class	Trim	Fig. No.
125	Bronze	3460
	Iron	3462

STANDARD MATERIALS

FIGURE		3460	3462
PART		MATERIALS	
Body	¼" - 1"	A536	
	1¼" - 4"	A126-B	
Bonnet	¼" - 1"	A536	
	1¼" - 4"	A126-B	
Wedge		B62	A536
Stem		B16	A276-410
Packing Nut		A536	
Gland		B16	A276-410
Packing		Non-Asbestos	
Gasket		Non-Asbestos	
Hand Wheel		A126-B	
Hand Wheel Nut		A563-A	
U-Bolt		A307-A	
U-Bolt Nut		A563-A	
Name Plate		Aluminum	

Design Specifications

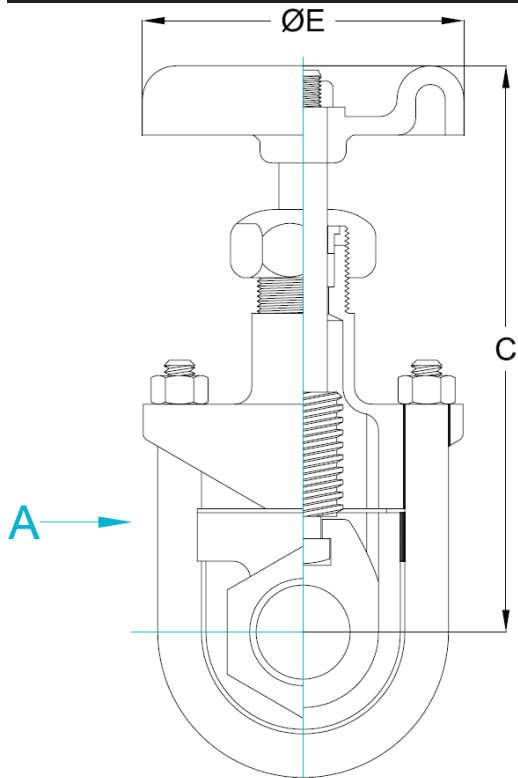
Item	Applicable Specification
Pressure-Temperature Ratings	MSS SP-70
Thread Design	ASME B1.20.1
Materials	ASTM

DESIGN FEATURES:

- **Seat faces** lapped for smooth finish and superior sealing.
- **Each** valve is shell and seat pressure tested per industry standard MSS SP-70.

GATE VALVE DIMENSIONS (CLASS 125).

SIZE	FIG 3460 & 3462					
in	A	C	D	E	WT	lb
mm						kg
¼	2.09	5.0	0.25	2.1	1.5	2.8
6	53	127	6	54	0.7	
¾	2.09	5.0	0.38	2.1	1.5	7.8
10	53	127	10	54	0.7	
½	2.09	5.0	0.50	2.1	1.5	13.2
13	53	127	13	54	0.7	
¾	2.52	6.2	0.75	2.4	2.0	30
20	64	158	19	62	0.9	
1	2.63	7.5	1.00	3.0	3.0	55
25	67	191	25	75	1.4	
1¼	2.91	9.0	1.25	3.0	5.0	87
32	74	229	32	75	2.3	
1½	3.14	9.1	1.50	3.8	6.5	129
40	80	232	38	95	2.9	
2	3.89	11.6	2.00	4.0	10	240
50	99	294	51	101	4.5	
2½	4.59	12.9	2.50	4.8	16	385
65	117	327	64	121	7.3	
3	4.92	14.8	3.00	6.0	24	555
75	125	375	76	152	11	
4	5.94	19.3	4.00	9.0	48	1020
100	151	490	102	229	22	



C = Center to top open

WT = Weight

C_v = Flow Coefficient

View A

