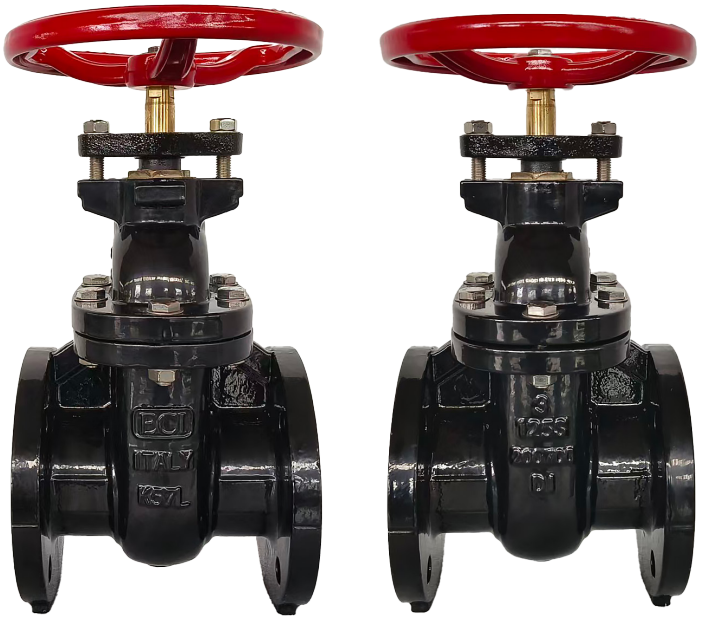
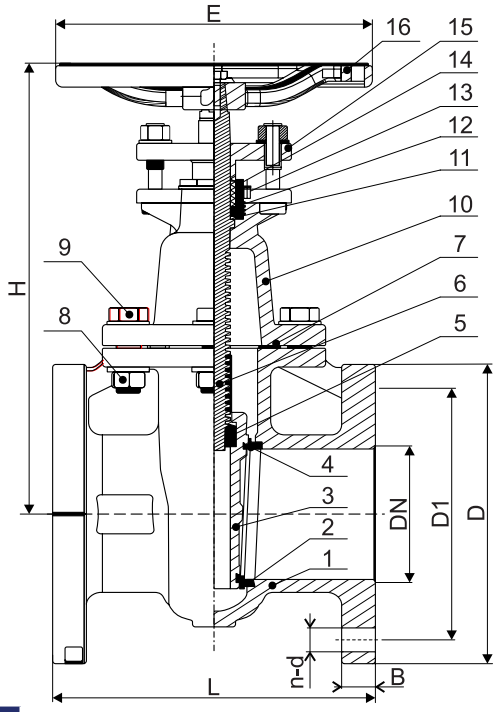
G 501

DUCTILE IRON GATE VALVE

ANSI CL 125 FLANGED
Non-Rising stem
Conforms to MSS SP-70

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Specifications:

- INSIDE SCREW NON-RISING STEM
- 125 PSI/8.6 BAR FLUID PRESSURE TO 353°F/178°C
- 200 PSI/13.8 BAR NON-SHOCK COLD WORKING PRESSURE FROM -20°F TO 150°F/ -29°C TO 66°C
- SUITABLE MEDIA: WATER, OIL, AIR & STEAM
- DESIGN AND MANUFACTURE CONFORM TO MSS SP-70
- FACE TO FACE DIMENSIONS CONFORM TO ANSI B16.10
- FLANGE DRILLED CONFORM TO ANSI B16.1 CLASS 125
- GATE VALVES ARE DESIGNED TO BE IN AN OPEN OR CLOSED POSITION
- COATING: FUSION BONDED EPOXY (FBE), DFT ≥ 250 µm
- OPTIONAL: STEM AND STEM NUT IN BRONZE ASTM B62 ON REQUEST

Dimensions (mm)

DN	SIZE INCH	L	D	D1	n-d	B	Do	H	WEIGHT (KG)
50	2	178	152	121	4-19	15.9	180	256	13.2
65	2½	190	178	140	4-19	17.5	180	268	17.2
80	3	203	190	153	4-19	19.1	220	316	20.5
100	4	229	229	191	8-19	23.9	220	348	33.8
125	5	254	254	216	8-22	23.9	254	407	46.5
150	6	267	279	241	8-22	25.4	285	445	53.8
200	8	292	343	299	8-22	28.6	325	556	90
250	10	330	406	362	12-25	30.2	400	682	152
300	12	356	483	432	12-25	31.8	400	768	225
350	14"	381	533.4	476.3	12-28.6	34.9	560	858	335
400	16"	406.4	597	539.8	16-28.6	36.5	560	934	361
450	18"	432	635	578	16-32	39.7	640	1076	478
500	20"	457	699	635	20-32	42.9	640	1150	598
600	24"	508	813	749.5	20-35	47.6	640	1285	872

Materials

No.	DESCRIPTION	MATERIAL	STANDARD
1	Body	Ductile Iron	ASTM A536 70-50-05
2	Body Seat Ring	Bronze	ASTM B62
3	Wedge	Ductile Iron	ASTM A536 70-50-05
4	Wedge seat ring	Bronze	ASTM B62
5	Stem nut	Brass	ASTM B16
6	Stem	Brass	ASTM B16
7	Gasket	Graphite + SS	Non Asbestos + AISI 316
8	Bolt	Stainless Steel	ASTM 201
9	Nut	Stainless Steel	ASTM 201
10	Bonnet	Ductile Iron	ASTM A536 70-50-05
11	Washer	Teflon	Teflon
12	Bonnet Bush	Brass	ASTM B16
13	Stopper screw	Carbon Steel	ASTM A307
14	Packing	Graphite	Non asbestos
15	Gland	Ductile Iron	ASTM A536 70-50-05
16	Handwheel	Ductile Iron	ASTM A536 70-50-05

All data, descriptions and pictures contained in this leaflet may be subject to change without prior notice.
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