

Rising Stem
Solid wedge disc
Fig 2157

Class 150 bronze gate valves are ruggedly designed for industrial and general service with steam, water, gas and oil.

Bodies Flanged ends Easy to remove from the line, an advantage when dealing with corrosive chemicals.

Discs Renewable

Solid wedge discs Accurately machined with disc-wing guides that conduct the disc to a firm, tight seat. Ideal for food processing lines and handling gummy substances where entrapment of line materials within the disc is undesirable.

Stems Resistant to wear, corrosion and embrittlement. Long, accurately machined threads provide full thread contact. Heavy, disc-stem connection withstands wearing action when opening valve and prevents stem failure under strain.

Bonnets Screw-in design. Provide strong, wide flats for a firm wrench hold.

Flanges Conform to MSS 150 lb SP Bronze.

Repacking Valves are repackable under pressure when wide open. Stuffing boxes are

deep and well packed. Back seats above stem threads make scale formation unlikely and provide a tight seal.

Seats Integral. Accurately tapered to insure perfect seating of the discs.

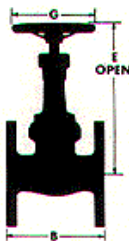
Hexagon head gland Permits the use of a light wrench to easily loosen and raise gland.

Non slip handwheel Insures tight closing.

Principal Parts and Materials

Part	Fig	Material	ASTM
Body & Bonnet	All	T-1 Steam Bronze	B62
Disc	All	T-1 Steam Bronze	B62
Stem	Rising Stems	Stemalloy, Rod (C69700)	B371
Packing	All	JC 168 Kevlar	-

These valves comply with ANSI B16.24 and MSS-SP-80



Dimensions in inches Weights in Pounds

Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
B	3 1/16	3 1/2	3 13/16	4 1/4	4 7/8	5 5/8	6 3/4	7 1/2
E	5 5/16	6 5/8	7 7/8	9 1/8	10 7/16	12 3/4	15 1/16	17 5/16
G	2 1/2	3	3 1/2	4 1/8	4 5/8	5 1/8	5 1/2	6
Fig 2157 Wts	-	4.5	6.8	8.6	11.5	18.5	29.0	39.0

