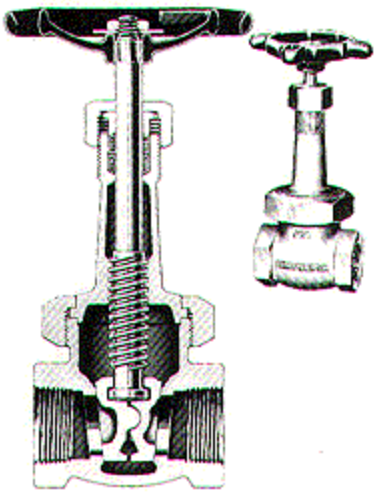
Class

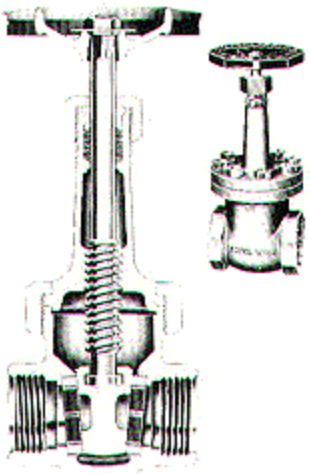
200

Lunkenheimer
Bronze Gate Valves

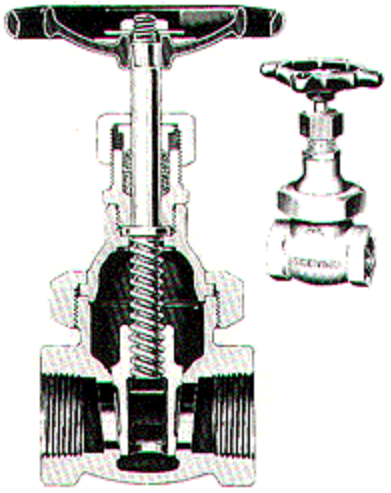
200 lb SP 550°F
400 lb WOG
Union bonnet, Screw end



Rising stem
Double wedge disc
Union bonnet, 2 inches and smaller
Bolted bonnet, 2½ and 3 inches
Fig 2228



Rising stem
Solid wedge disc
Union bonnet 2 inches and smaller
Bolted bonnet 2½ and 3 inches
Fig 2227



Non-rising stem
Single wedge disc
Union bonnet 2 inches and smaller
Bolted bonnet 2½ and 3 inches
Fig 2230

Designed for rugged service applications, with maximum resistance to distortion produced by internal pressure.

Bodies Full, cylindrical design for maximum strength, made of corrosion resistant Steam Bronze. Figures 2227, 2228, and 2230 have identical bodies.

Seats Renewable and integral:
Figure 2227 has renewable seat rings of Monel alloy in 1 inch and are large sizes; integral seats in smaller sizes. Figures 2228 and 2230 have precision tapered integral seats.

Discs Renewable nickel alloy. Three types available:
Double wedge Male-female construction. Adjusts readily to taper seats, sturdy collar strengthens disc-stem connection.

Solid wedge Accurately machined with disc-wing guides that conduct the disc to a firm, tight seat.

Single wedge Thread in disc engages stem thread, moving disc as stem is turned.

Bonnets Sizes 2" and smaller have union bonnet connection; 2½" and 3" have bolted bonnets

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.

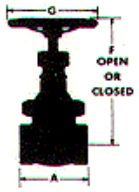
Repacking Stuffing boxes are deep and valves are repackable under pressure when wide open. Back seats above stem threads make scale formation unlikely and provide a tight seal.

Hexagon head glands Permit the use of a light wrench to loosen and raise gland.

Non-slip handwheel Insures tight closing.

Dimensions in inches Weights in Pounds

Size	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
A Fig 2227	2 3/16	2 1/4	2 1/2	2 3/4	3 1/2	3 3/4	4 1/16	4 9/16	5 3/4	6 1/4
A Fig 2228 2230	2 3/16	2 1/4	2 1/2	2 3/4	3 1/16	3 3/8	3 11/16	4 9/16	5 3/8	6
B	–	–	–	–	–	–	–	–	5 11/16	6 7/16
E	4 15/16	4 15/16	5 13/16	7 1/16	8 1/8	9 7/16	10 3/4	13 1/16	15 3/8	17 13/16
F NRS	4 1/16	4 1/16	4 5/8	5 5/8	6	6 7/8	7 3/4	9	–	–
G	2 1/2	2 1/2	3	3 1/2	4 1/8	4 5/8	5 1/8	5 1/2	6	7
Fig 2227 Wts	1.2	1.2	1.8	3.0	5.0	7.0	12.0	17.0	30.0	40.0
Fig 2228 Wts	1.2	1.2	1.8	2.8	3.8	5.6	7.6	12.5	25.0	36.0
Fig 2230 Wts	1.2	1.2	1.8	2.7	3.6	5.1	9.8	12.0	–	–



Principal Parts and Materials

Part	Fig	Material	ASTM
Body & Bonnet	All	S-1 Steam Bronze	B61
Disc	All	Nickel Alloy NT-4	–
Stem	Rising	Stemalloy, Rod (C69700)	B371
	Non-Rising	Stemalloy, Cast (C87500)	B584
Packing	All	JC 168 Kevlar	–

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

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