



Globe
Tapered disc
Fig 407

Regrinding valves were first designed by Lunkenheimer; they are made so all parts can be renewed, and if the seating surfaces or discs become worn, they may be reground to their original tightness without removing them from the line.

Bodies Ample, with full flow areas and regrindable, integral seating surfaces.

Bonnets Union design aids in regrinding operation by centering the bonnet and working parts in correct alignment. Union

bonnet valves provide strong, safe, reliable service in industrial applications.

Discs Renewable and regrindable. In 1/2" and smaller sizes stem and disc are one. Larger sizes have separate, swiveling disc. Small, round metal plate clamped between stem head and disc prevents swiveling during regrinding process.

Stems Exceptionally resistant to wear, corrosion and embrittlement.

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.

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	1/8	1/4	3/8	1/2	3/4	1	1 1/2	2	2 1/2	3	
A	1 ¹⁹ / ₃₂	2 ¹ / ₃₂	2 ¹ / ₈	2 ⁷ / ₁₆	2 ¹⁵ / ₁₆	3 ¹¹ / ₃₂	3 ⁷ / ₈	4 ⁵ / ₁₆	5 ¹ / ₄	6 ⁷ / ₁₆	7 ³ / ₁₆
E	2 ¹³ / ₁₆	4 ¹ / ₈	4 ¹ / ₈	4 ³ / ₄	5 ¹ / ₂	5 ¹⁵ / ₁₆	6 ⁵ / ₈	7 ³ / ₁₆	8 ³ / ₈	9 ¹ / ₄	10
G	2 ¹ / ₄	2 ¹ / ₂	2 ¹ / ₂	3	3 ¹ / ₂	4 ¹ / ₈	4 ⁵ / ₈	5 ¹ / ₈	5 ¹ / ₂	7	8
Fig 407 Wts.	4	.7	.8	1.1	2.1	3.0	4.2	6.0	9.9	18.0	25.0



Principal Parts and Materials

Part	Fig/Sizes	Material	ASTM
Body & Bonnet	All	S-1 Steam Bronze	B 61
Disc	< 1/2"	Stemalloy, Rod (C69700)	B371
	> 1/2"	S-1 Steam Bronze	B61
Stem	All	Stemalloy, Rod (C69700)	B371
Packing	All	JC168 Kevlar	-

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

