



Screw-in bonnet
Non-rising stem
Single wedge disc
Fig 768

Valves feature renewable discs and seats.

Renewable discs Single wedge discs are designed with built-in flexibility for pressure tight seating and are bronze in sizes smaller than one inch; nickel alloy in larger sizes.

Renewable seats Nickel alloy seat rings in sizes one inch and larger. (Smaller sizes have integral bronze seats.)

Bodies Top quality, corrosion resistant steam bronze.

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 Valves are repackable under pressure when wide open. Stuffing boxes are deep and well packed. Back seat above stem threads make scale formation unlikely and provides a tight seat.

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/Sizes	Material	ASTM
Body & Bonnet	All	S-1 Steam Bronze	B61
Disc	≥ 1" < 1"	Nickel Alloy NT-4 Bronze	- B 61
Stem	All	Stemalloy, Cast (C87500)	B584
Seat Ring	< 1" ≥ 1"	S-1 Steam Bronze (Integral) Nickel Alloy NT-4	B 61 -
Packing	All	JC 168 Kevlar	-

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



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	2 1/16	2 3/16	2 7/16	2 3/4	3 5/16	3 5/8	3 15/16	4 9/16	5 1/4	5 5/8
E	4 3/16	4 3/16	4 3/8	5 3/8	6 1/2	7 3/16	8 3/16	9 9/16	10 13/16	12 1/4
G	2 1/2	2 1/2	2 1/2	3	3 1/2	4 1/8	4 5/8	5 1/8	6	7
Fig 768 Wts	1.0	1.0	1.3	2.1	3.5	5.4	7.6	12.0	20.0	29.0

