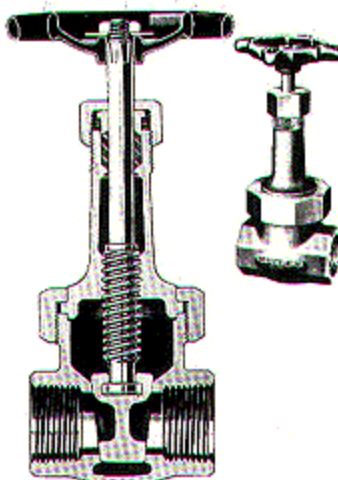


Rising stem
Uni-ball disc
Fig 3150



Rising stem
Solid wedge disc
Fig 3151

Union bonnet valves provide strong, safe, reliable service in industrial applications. The bonnet is centered by a lip extending into the neck of the valve and securely held in place so that it cannot be accidentally backed out of position.

Bonnets Union design. Heavy bonnet rings are octagonal to provide a firm wrench hold and increase strength.

Bodies Full, cylindrical body minimizes distortion. Diaphragm configuration practically eliminates distortion of diaphragms by pipe ends. Disc guide channels are beveled at top of body for easy assembly.

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 box and packing nut are exceptionally deep to insure firm thread engagement when fully packed. Back seats above stem threads make scale formation unlikely and provide a tight seal.

Renewable discs Two types available: Double wedge (Uni-ball construction). Disc readily adjusts to the seat taper, insuring a tight valve. Sturdy disc collar strengthens disc-stem connection. Easy to assemble and

with valve wide open the disc is drawn up into the bonnet and cannot drop off stem.

Solid wedge 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.

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

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

Non-slip handwheel Insures tight closing.

Principal Parts and Materials

Part	Fig	Material	ASTM
Body & Bonnet	All	T-1 Bronze	B62
Disc	All	T-1 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	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
A	1 7/8	2	2 3/16	2 1/2	2 13/16	3 3/16	3 3/8	3 11/16
E	4 9/16	4 9/16	5 5/16	6 5/8	7 7/8	9 1/8	10 7/16	12 3/4
G	2 1/4	2 1/4	2 1/2	3	3 1/2	4 1/8	4 5/8	5 1/8
Fig 3150 Wts								
Fig 3151 Wts	1.0	1.0	1.5	2.3	3.2	5.0	6.6	11.0

