

BRONZE "Y" SWING CHECK VALVES

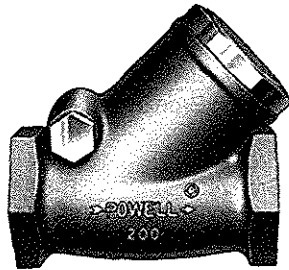


Fig. 560
Class 200
Sizes 1/4" through 3"
Fig. 560TD
Soft Seat (1)
Sizes 1/4" through 3"

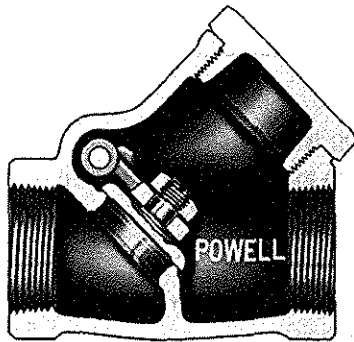


Fig. 563
Class 300
Sizes 1/4" through 3"

(1) Recommended Maximum Temperature
for PTFE Seat is 450°F

CLASS 200 and 300 SCREWED-IN CAP THREADED ENDS

PRESSURE/TEMPERATURE RATINGS

Class 200 Fig. 560

200 psi Steam at 550°F
400 psi Non-Shock Cold Water, Oil or Gas

Class 300 Fig. 563

300 psi Steam at 550°F
600 psi Non-Shock Cold Water, Oil or Gas

MATERIALS

DESCRIPTION	MATERIAL	ASTM Spec.
Side Plug	Brass	B-16
Cap *	Bronze	B-61
Body	Bronze	B-61
Carrier Pin	Brass	B-16
Carrier **	Bronze	B-62
Disc ***	Bronze	B-61
Disc Nut	Brass	Commercial
Disc Insert ****	PTFE	Commercial

- * Brass ASTM B-16 Sizes 1/4" to 3/4" incl.
- ** Brass ASTM B-124 Alloy C37700 Sizes 1/4" to 1" incl.
- *** Silicon Bronze B-371 C69400 Sizes 1/4" to 1" incl.
- **** Fig. 560TD

SPECIFICATIONS

- MSS SP-80

FEATURES

- Renewable Disc is held by a locknut
- Integral Seats
- By unscrewing the side plug and removing the cap and carrier pin, the carrier and disc assembly can be easily removed
- Valves can be used in horizontal or vertical position; however, when installed in vertical line, flow must be upward with pressure under the disc

DIMENSIONS (Inches) Fig. 560

Size	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
A	2 1/4	2 3/8	2 3/4	3 1/8	3 5/8	4 3/8	5	6 1/8	7 1/4	8 1/2
G	1 3/8	1 3/8	1 11/16	2	2 3/8	3	3 1/2	4 1/4	5 1/16	5 7/8

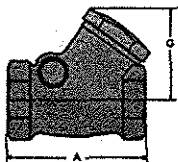


Fig. 560
Fig. 563

DIMENSIONS (Inches) Fig. 563

Size	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
A	2 3/8	2 1/2	2 7/8	3 1/4	3 3/4	4 1/2	5 1/8	6 3/8	7 1/2	8 3/4
G	1 1/2	1 1/2	1 13/16	2 1/8	2 1/2	3 1/8	3 9/16	4 3/8	5 3/16	6

WEIGHTS (Pounds)

Fig. 560	0.6	0.6	0.8	1.3	2	3.4	4.8	8	13.7	20.3
Fig. 563	0.7	0.7	1	1.6	2.3	4.1	5.9	10.3	17	25.3