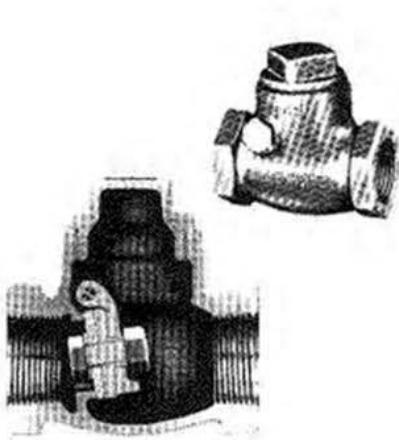


Class

150

Lunkenheimer
Bronze Check Valves

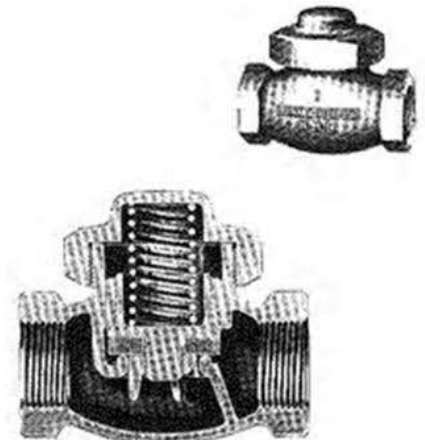
150 lb SP
300 lb WOG
Swing check, Lift check, Screw end



Swing check
Non-metallic disc
Fig 230-70



Lift check
Non-metallic disc
Fig 231



Spring lift check
Non-metallic disc
Fig 233

Ruggedly designed for dependable operation in general service use where full, free flow is required. Non-metallic discs close readily to a tight seat and are quick and inexpensive to replace. Valves function in either the vertical or horizontal position.

Discs Renewable, non-metallic resilient Teflon* discs are compounded for maximum wear and tightness. Depth of disc holder is equal to the thickness of the disc and provides full rim protection.

Seats Integral. Aligned for tight dependable seating.

Side plugs Renewable. Serve as bearings for disc carrier pins. Easy to replace.

Figure 233 is designed with a spring to counter situations where violent pulsing action exist.

Discs Renewable, non-metallic and resilient Teflon* discs are compounded for maximum wear and tightness. Disc holder is held within close tolerances by four guides to prevent cocking.

Seats Integral. Surface is rounded for narrow line contact and tighter seating.

Bodies Proportioned for maximum strength, full flow. Large clearances at end of pipe threads permit tight joints without pipe ends jamming diaphragms, distorting seat, or choking flow.

Caps To prevent damage and leakage, the collar does not extend beyond the body neck. Wide flats for firm wrench grip. Strong threads for tight joints.

Maintenance To renew disc, simply unscrew locknut from disc holder, remove old disc, and insert new one.

Dimensions in inches Weights in Pounds

Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
A	2	2 3/16	2 1/2	2 13/16	3 5/16	4	4 1/2	5 1/16	6 1/8
E	1 7/16	1 7/16	1 11/16	1 7/8	2 3/16	2 1/2	2 13/16	3 1/16	3 5/8
Fig 231 Wts	.5	.6	.8	1.1	2.0	2.8	4.3	5.8	11.0
Fig 233 Wts	.6	.6	.8	1.1	1.9	3.0	4.2	6.0	11.0
A	-	-	-	2 9/16	2 7/8	3 5/16	4 1/16	4 1/2	5
E	-	-	-	1 7/8	2	2 9/16	2 5/8	2 7/8	3 7/16
Fig 230-70 Wts	-	-	-	.8	1.2	2.0	3.9	6.6	7.0



Principal Parts and Materials

Part	Fig	Material	ASTM
Body & Cap	-	T-1 Bronze	B 62
Disc	-	Teflon	D1457
Disc Holder	-	T-1 Bronze	B62
Spring	231	None	-
	233	Stainless Steel (No. 303)	A313

These valves comply with ANSI B16.24 and MSS-SP-80
*Reg. T.M., E.I. DuPont de Nemours and Co.