

Valves and Tapping Sleeves C-8

Standard & Resilient Seated Check Valves

Standard Flanged Check Valve



Shown with Lever & Weight

Features:

- **Tight closing assured** - since clapper arm shaft is set slightly back of vertical seat face.
- **Bronze bushed ductile or cast iron clapper arm** - for added strength and impact resistance.
- **Stainless steel clapper arm shaft** - can be extended through body when lever with weight or spring is required.
- **Removal of clapper arm** - assembly with disc can be removed through bonnet opening.
- **Bronze seat ring** - is screwed into the valve body and can be replaced without removing valve from the line.
- **Vertical seating surfaces** - provide sensitive unseating action.
- **Rubber faced disc** - can be furnished for watertight sealing.

SPECIFICATIONS:

- Check valves shall be of the swing type, and meet all requirements of AWWA C-508.
- Check valves shall be iron body, bronze mounted.
- Check valves shall have a non-shock working pressure rating of 200 psi in sizes 2" thru 12" and 150 psi in sizes 14" thru 24" and shall be hydrostatically tested at twice the working pressure.
- Check valves shall be constructed so that all internal parts can be replaced without removing the valve from the line.
- Check valves shall be suitable for horizontal mounting (vertical mounting only if water flow is in an upward direction).
- Check valves may be mounted with an outside lever and spring (or weight) to assist closing.



Lever & Spring Assembly



Lever & Weight Assembly

Series 2100 Resilient Seated Check Valve



Advantages:

- 250 psig. rating.
- Ductile iron body, bonnet, & disc.
- Fusion-bonded-epoxy coating inside & outside.
- Does not require outside lever & weights or springs.
- Only one moving part.
- No o-rings, packing, pins, or bearings to wear out. No bronze seat ring to wear or need replacing.
- Drop-tight shutoff at pressures above 5 psig.
- Suitable for buried service.
- The 100% unobstructed flow area is free of pockets which can trap debris.
- A factory-installed backflushing actuator can be furnished as an option. This device is useful for priming pumps, backflushing, draining lines, and system testing.

SIZE	PRODUCT NUMBERS	
	SERIES 2100	STANDARD
2"	—	39995 1
3"	—	39015
4"	39036	39035
6"	39055 1	39055
8"	39080 1	39080
10"	NS	39100
12"	NS	39125
16"	—	39134
SIZE	LEVER & WEIGHT	LEVER & SPRING
2"	38996	38996 1
3"	39020	39020 1
4"	39040	39041
6"	39060	39058
8"	39085	39086
10"	39105	39105 1
12"	39130	39131
16"	39135	39136

NOTE: Larger sizes available on request.