

O-Ring Check Valves



O-Ring Check Valves

MAXIMATOR o-ring check valves provide high quality directional flow control and tight shutoff for liquids and gases. All check valves are supplied with glands and collars. These check valves are not to be used as a relief device.

Materials.

Body, cover, poppet, cover gland: 316SS

1-1/2" Body 318SS

Spring: 300 series stainless steel

O-ring: Viton "A" (-4 °F to 392 °F)*

Ball Check Valves



Ball Check Valves

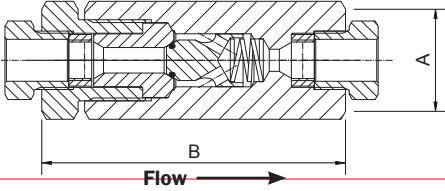
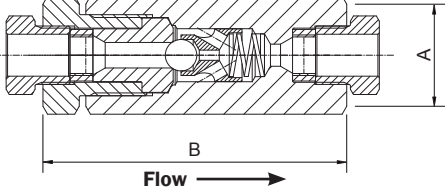
MAXIMATOR ball check valves prevent reverse flow where bubble tight shutoff is not mandatory. These check valves are designed with a ball cradled floating poppet to assure positive inline seating. This poppet design allows full flow around the ball to minimize pressure drop. Check valves are rated to 660 °F*. All check valves are supplied with glands and collars. These check valves are not to be used as a relief device.

Materials.

Body, cover, poppet, cover gland: 316 SS

1-1/2: Body: 318SS

Ball and spring: 300 series stainless steel

Valve Pattern	Catalog Number	Pressure Rating (psi)	O.D. Tube (in.)	Connection Type	Orifice (in.)	Rated (Cv)	Dimensions (in.)	
							A (Hex.)	B
O-Ring Check Valves								
	210C4M	22,500	1/4	4MF	0.106	0.28	0.88	2.91
	210C6M	22,500	3/8	6MF	0.201	0.84	1.06	3.33
	210C9M	22,500	9/16	9MF	0.307	2.30	1.44	4.29
	210C12M	22,500	3/4	12MF	0.438	4.70	2.36	6.57
	210C16M	22,500	1	16MF	0.562	7.40	2.36	6.57
	150C24M	15,200	1-1/2	24MF	0.937	14.0	2.25	9.0
Ball Check Valves								
	21BC4M	22,500	1/4	4MF	0.106	0.28	0.88	2.91
	21BC6M	22,500	3/8	6MF	0.201	0.84	1.06	3.33
	21BC9M	22,500	9/16	9MF	0.307	2.30	1.44	4.29
	21BC12M	22,500	3/4	12MF	0.438	4.70	2.36	6.57
	21BC16M	22,500	1	16MF	0.562	7.40	2.36	6.57
	15BC24M	15,200	1-1/2	24MF	0.937	14.0	2.25	9.0

CAUTION: FREQUENT INSPECTIONS OF O-Rings are necessary to ensure proper service of the check valve. O-Rings have shown satisfactory service life in testing, however different service conditions may lead to variations in cycle and shelf life.

All dimensions are for reference only and subject to change.

*See page 2 in the Technical Section for determining operating pressures above room temperature.

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