

## 2200 Series

0 to 800 psig Check Valves



### Features

- Medium flow
- Single piece design
- Resilient o-ring

### Benefits

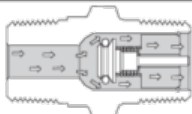
- Maintenance free
- Dependable
- Economical

### Technical Data

<b>Body Construction Materials</b>	Brass, 316 stainless steel
<b>O-ring Materials</b>	Buna N, ethylene propylene, neoprene, silicone, or Viton®
<b>Operating Pressure</b>	0 to 800 psig (55 bar)
<b>Proof Pressure</b>	1,200 psig (83 bar)
<b>Cracking Pressure</b>	1 to 3 psig (0.07 to 0.21 bar)
<b>Temperature Range</b>	-70° F to +450° F (-57° C to +232° C) <i>Based on o-ring &amp; body material, see "How to Order"</i>
<b>Connection Sizes</b>	1/8" to 1"

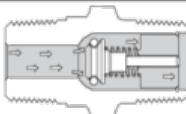
*Note: Proper filtration is recommended to prevent damage to sealing surfaces.*

### How it Works



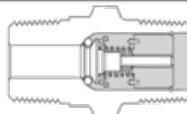
#### Open

Flow passes smoothly over poppet head with minimum turbulence and through the fluted guide without restriction.



#### Closing

O-ring automatically establishes line of contact with spherical seat to cushion closing and insure perfect sealing.



#### Closed

O-ring only seals. Full pressure is carried by metal-to-metal seat.

### Circle Seal Controls

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check valves