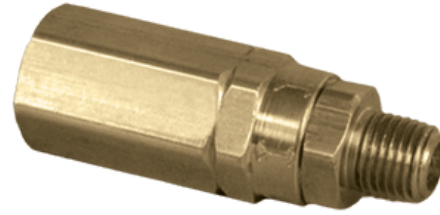


490 Series Ball Check Valve



Configure
your exact valve



SCAN ME

Design Considerations

- Designed for high pressure – light hydraulics, high pressure fluid or air applications where a positive seal is required
- Incorporates stainless ball on an elastomer seat with multiple end configuration options
- Will have a positive seal at very low back pressure or slight vacuum

Specifications:

Material Options	BODY and RETAINER – Brass BALL - 316 Stainless Steel
Plating Option	No Plating Nickel Plating
Inlet Option	Female NPT - 1/4 or 3/8 Male NPT – 1/4 or 3/8
Outlet Option	Female NPT - 1/4 or 3/8 Male NPT - 1/4 or 3/8
Seal Option	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®)
Spring Option: Material - Cracking Pressure	302 Stainless – .5 psi, 1 psi, 3 psi, 6 psi, 10 psi, 30 psi, 40 psi, 55 psi, 70 psi Hastelloy® - 3 psi No spring
Cv Value	1.5
Full Port	.280 in
Maximum Operating Pressure	3000 psi
Temperature Range	*** NOT RATED FOR STEAM *** Buna-N -35°F to +250°F Ethylene Propylene (EPDM) -65°F to +300°F Fluoroelastomer (Viton®) -15°F to +400°F

Example of how to order:

Material	Inlet Port	Outlet Port	Seal	Spring
Brass	1/4 MNPT	1/4 FNPT	Buna- N	1 psi

Part Numbers are a description of the valve as read left to right, Inlet Port to Outlet Port.

CHK BRS 490-4M4F-B = Brass Body and Ends, Ball Check Valve, 1/4 Male NPT Inlet x 1/4 Female NPT Outlet, Buna-N Seals, 1 psi Spring