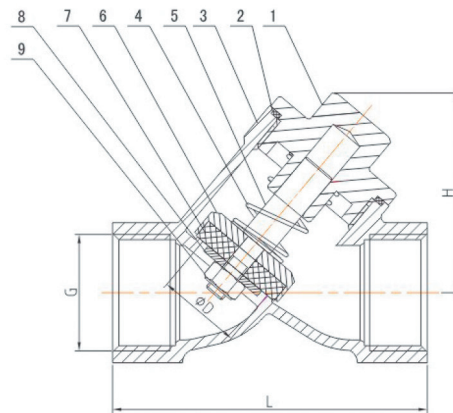


Check Valve B90-x-x

509 Series
Y-Spring Check Valve



Technical Specification

- Nominal pressure: PN16
- Size: DN15–DN50
- Medium temperature: -10°C — $+180^{\circ}\text{C}$
- Connection type: Threaded, Welded, Tri-clamp, Flanged
- Minimum open pressure: 30–40mbar

Part List

No.	Part	Material	No.	Part	Material
1	Bonnet	CF8/CF8M	6	Core	CF8/CF8M
2	Body seal	PTFE	7	Seat	PTFE
3	Body	CF8/CF8M	8	Core gasket	CF8/CF8M
4	Spring	304	9	Self-locking nut	304
5	Stem	304/316			

Function Principle

Medium enters valve body through inlet opening, pushes the valve stem and valve core upward, and thereby opens the valve. When the medium starts to flow back from the outlet, the spring force and pressure applied by the medium itself push the valve stem and valve core down, and thereby close the valve.

Main Dimension

Size	DN15	DN20	DN25	DN32	DN40	DN50
L	68	75	90	116	116	138
H	43	48.5	57	72	77	89
ΦD	13	18	24	31	35	45
G	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"

Order Instruction

