



61-500 - Soft-Seat Check Valves (1/4" to 2")

Sizes: 1/4" to 2"

Ends: FNPT X FNPT



Overview

Fabricated with stainless steel springs and elastomeric seats. No radial alignment is needed. Exceptional resistance to chemicals and corrosion.

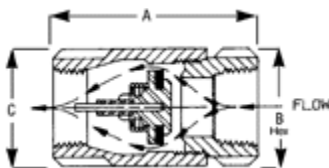
Features

- Bubble-tight shutoff, ideally suited for gaseous service
- Straight-through design minimizes velocity changes
- NPT threaded; 400 psig WOG
- Retainer is notched for easy identification
- Female NPT sizes: 1/4" to 2"
- Meets MSS-SP80
- Numerous options are available (see below)

PRECAUTIONARY NOTE: Not recommended for use with reciprocating pumps and similar applications which may induce repetitious vibrations. Low flow rates, which do not fully open the valve, may result in undesirable noise and premature valve failure. Upstream flow disturbances, which create turbulence, may also result in rapid wear. Therefore, it is recommended that a minimum of 10 diameters of straight pipe be provided between the check valve and any upstream flow disturbances such as pumps, control valves, elbows, etc.

Options

Options Available	Ordering Suffix
5 PSIG opening pressure	-E05
10 PSIG opening pressure	-E10
Light Spring (change fourth digit from zero to "2")	6x-x20
Oxygen Clean	-57
Nitrile Seat (soft seat check valves only)	-31



Dimensions

Part No.	Size in./mm	A in./mm	B in./mm	C in./mm	61 Series Wt/100
61-501-01	1/4 8 6.35	2.31 58.74	1.13 28.58	1.13 28.58	38.00
61-502-01	3/8 10 9.53	2.31 58.74	1.13 28.58	1.13 28.58	38.00
61-503-01	1/2 15 12.70	2.31 58.74	1.13 28.58	1.13 28.58	38.00
61-504-01	3/4 20 19.05	2.88 73.03	1.38 34.93	1.50 38.10	75.00
61-505-01	1 25 25.40	3.50 88.90	1.75 44.45	1.94 49.21	145.00
61-506-01	1-1/4 32 31.75	4.19 106.36	2.13 53.98	2.38 60.33	275.00
61-507-01	1-1/2 40 38.10	4.94 125.41	2.50 63.50	2.81 71.44	394.00
61-508-01	2 50 50.80	6.00 152.40	3.00 76.20	3.69 93.66	630.00