

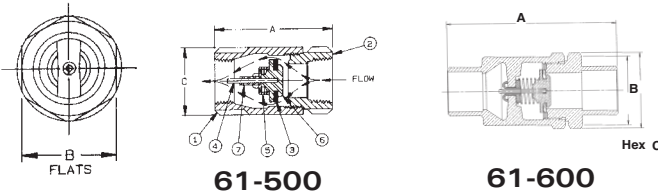
61-500 / 61-600 Series Bronze Check Valves

Female x Female Threaded 1/4" - 2" Female x Female Sweat End 1/2" - 2"

Ideally suited for hydronic heating and other low flow applications, since seat disc and EPDM soft seat are less prone to vibration. The rugged bronze body and check provide reliable protection against reverse flow.

Features

The 61-500/61-600 features an EPM soft seat for bubble tight shutoff, reduced noise and less vibration. It is spring-loaded for fast seating action and center guided so that radial alignment is never needed. Straight-through flow minimizes velocity change. The spring is fully protected from the flow stream, helping extend life of the valve. A light spring is available as an option. It is rated 400 psig CWP, cold non-shock; Maximum Temperature 250°F.



61-500



61-600

Materials of Construction

1	Body	Bronze - ASTM B584, UNS Alloy C84400
2	Retainer	Brass - ASTM B16 (1/4" - 1")
3	Seat	EPDM
4	Guide Pin	Steel - AISI 420 Stainless Steel
5	Spring	Steel - AISI 316 Stainless Steel
6	Check	Brass - ASTM B16
7	Guide	Brass - ASTM B16

61-500 Dimensional Specifications

Number	Size (in.)	A	B	C	Wt./100
61-501-01	1/4	2.31	1.12	1.12	38
61-502-01	3/8	2.31	1.12	1.12	38
61-503-01	1/2	2.31	1.12	1.12	38
61-504-01	3/4	2.87	1.37	1.50	75
61-505-01	1	3.50	1.75	1.93	145
61-506-01	1-1/4	4.18	2.12	2.37	275
61-507-01	1-1/2	4.93	2.50	2.81	394
61-508-01	2	6.00	3.00	3.68	630

61-600 Dimensional Specifications

Number	Size (in.)	A	B	C	Wt./100
61-603-01	1/2	2.75	1.12	1.25	38
61-604-01	3/4	3.68	1.50	1.62	75
61-605-01	1	4.50	1.93	2.12	145
61-606-01	1-1/4	6.11	2.13	2.38	330
61-607-01	1-1/2	6.87	2.50	2.81	610
61-608-01	2	7.46	3.38	3.75	1010

Flow Rate (C_v) GPM=gallons per minute all at 1 psi pressure differential

61-500		61-600	
Size	GPM	Size	GPM
1/4"	0.47	1/2"	2.20
3/8"	1.57	3/4"	4.78
1/2"	2.2	1"	6
3/4"	4.78	1-1/4"	44
1"	6	1-1/2"	65
1 1/4"	44	2"	81
1 1/2"	65		
2"	81		

EPDM Seat

