

62 Series Stainless Steel Ball Cone® Check Valves

Female x Female Threaded 1/4" through 2"

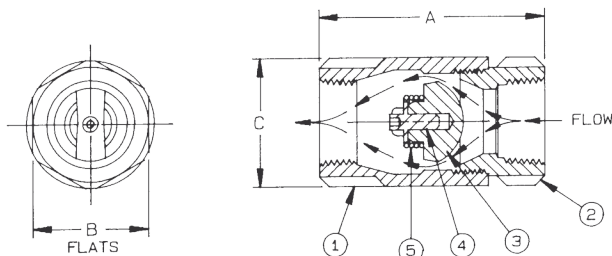
The 62-100 Series is uniquely suited for applications in corrosive environments, including chemical processing, pulp and paper and other process industries. The rugged stainless steel body and RPTFE ball check provide reliable, patented protection against reverse flow.

Features

Unique (U.S. Patent # 4,172,465) design provides tight shutoff in reverse flow conditions. The body of the valve is investment cast stainless steel for longer life in severe environments. It is spring-loaded for fast seating action and center guided so that radial alignment is never needed. Straight-through flow minimizes velocity change. It is rated 400 psig CWP, cold non-shock; 125 psig saturated steam. Tight to MSS.SP80

Materials of Construction

1	Body	Stainless Steel - ASTM A351, CF8M
2	Retainer	Stainless Steel - ASTM A276, 316 (1/4"-1") Stainless Steel - ASTM A351, CF8M (1 1/4"-2")
3	Ball Check	RPTFE - Reinforced Teflon(tm)
4	Guide	Stainless Steel - ASTM A276, 316
5	Spring	Steel - AISI 316 Stainless Steel



Dimensional Specifications

Number	Size	A	B	C	Wt./100
62-101-01	1/4"	2.06	1.12	1.12	38
62-102-01	3/8"	2.12	1.12	1.12	38
62-103-01	1/2"	2.31	1.12	1.12	38
62-104-01	3/4"	2.87	1.37	1.50	75
62-105-01	1"	3.50	1.75	1.93	145
62-106-01	1 1/4"	4.18	2.12	2.37	237
62-107-01	1 1/2"	4.93	2.50	2.81	381
62-108-01	2"	6.00	3.00	3.68	636



Flow Rate (C_v)

GPM=gallons per minute
all at 1 psi pressure differential

Size	GPM
1/4"	0.85
3/8"	1.21
1/2"	1.40
3/4"	3.53
1"	6.00
1-1/4"	44
1-1/2"	65
2"	81

RPTFE Ball Cone Check

