

62-100 Series

Stainless Steel Ball-Cone® In Line Check Valve

LEAD FREE



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist:	

DESCRIPTION

The Apollo 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 cone check provide reliable, patented protection against reverse flow.

FEATURES

- Standard 1/2 psi Cracking Pressure
- Unique Design (U.S. Patent # 4,172,465)
- Spring-Loaded For Fast Seating Action
- Center Guided - Radial Alignment Never Needed
- Straight-Through Flow Minimizes Pressure Loss

PERFORMANCE RATING

- 400 psig CWP Non-Shock @ 100°F
- 125 psig SWP @ 350°F

APPROVALS

- RoHS Compliant

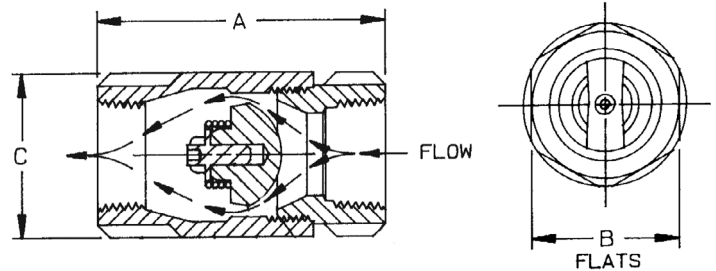
STANDARD MATERIALS LIST

BODY	SS, ASTM A351, CF8M
RETAINER	(1/4" - 1") SS, ASTM A276, 316 (1-1/4" - 2") SS, ASTM A351, CF8M
BALL CHECK	RPTFE
GUIDE	SS, ASTM A276, 316
SPRING	Stainless Steel

NOTE: Not recommended for use with reciprocating pumps and similar applications. Low flows may result in undesirable noise and premature wear.

DIMENSIONS

PART NUMBER	SIZE (IN.)	DIMENSIONS (IN.)			CV	WT. (LB.)
		A	B	C		
62-101-01	1/4"	2.06	1.12	1.12	.85	.38
62-102-01	3/8"	2.12	1.12	1.12	1.21	.38
62-103-01	1/2"	2.31	1.12	1.12	1.40	.38
62-104-01	3/4"	2.87	1.37	1.50	3.5	.75
62-105-01	1"	3.50	1.75	1.93	6.0	1.45
62-106-01	1-1/4"	4.18	2.12	2.37	44	2.37
62-107-01	1-1/2"	4.93	2.50	2.81	65	3.81
62-108-01	2"	6.00	3.00	3.68	81	6.36



FLOW RATE (C_v)

SIZE	GPM
1/4"	0.85
3/8"	1.21
1/2"	1.4
3/4"	3.53
1"	6
1-1/4"	44
1-1/2"	65
2"	81

GPM=gallons per minute at 1 psi pressure differential

*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.

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PART NO. MATRIX

62	- X	X	X	- XX
TYPE	CHECK	SPRING TYPE	SIZE (IN.)	OPTIONS
STAINLESS STEEL	1 - BALL CONE (FNPT X FNPT)	0 - .5 PSIG CRACKING PRESSURE	1 - 1/4"	01 - STANDARD
	0 - BALL CONE REPAIR KIT	2 - .2 PSIG CRACKING PRESSURE	2 - 3/8"	P01 - BSPP THREAD**
			3 - 1/2"	T01 - BSPT THREAD**
			4 - 3/4"	17 - SATIN CHROME PLATED
			5 - 1"	57 - OXYGEN CLEANED
			6 - 1-1/4"	A1 - LESS SPRING
			7 - 1-1/2"	E05 - 5 PSIG OPENING PRESSURE*
			8 - 2"	E10 - 10 PSIG OPENING PRESSURE*

*Available in 1/4" through 1" only.

**Minimums apply

(Note: Not all combinations are available. Contact Customer Service for verification.)