Apollo® 62-100 Series

Stainless Steel Ball-Cone® Check Valve

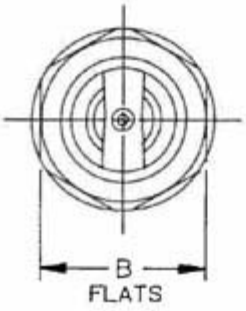
NPT Threaded, 1/4" through 2" 400 psig WOG, Cold Non-Shock. 125 psig Saturated Steam.

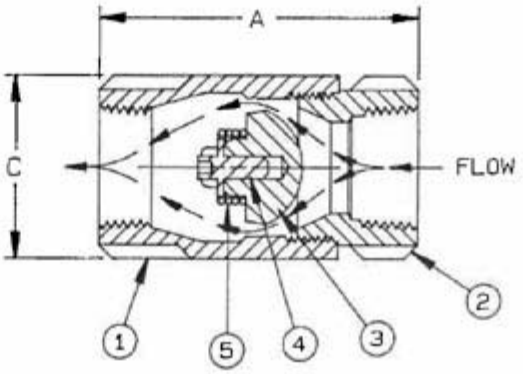
FEATURES

- U.S. Patent #4,172,465
- No radial alignment necessary
- Tight shutoff
- Optional light spring available (62-12X-Series)
- Ball-Cone check is spring-loaded for fast seating action
- Straight through stream lined for minimum change in velocity
- Investment cast body

STANDARD MATERIAL LIST

1. Body	ASTM A351-CF8M	4. Guide	ASTM A276-316
2. Tail Piece	ASTM A276-316 (1/4" to 1") ASTM A351-CF8M (1-1/4" to 2")	5. Spring	AISI 316 SS
3. Ball Check	RPTFE		





NUMBERING SYSTEM
6X - XXX - XX

TYPE
2 - STAINLESS STEEL

CHECK
1 - BALL CONE
0 - REPAIR KIT

SPRING TYPE
0 - .5 CRACKING PRESSURE
2 - .2 CRACKING PRESSURE

SPECIALS
01 - STANDARD VALVE
E05 - 5 POUND OPENING PRESSURE*
E10 - 10 POUND OPENING PRESSURE*
17 - SATIN CHROME PLATED
57 - OXYGEN CLEANED

*1/4" to 1" Sizes Only

SIZE
1 - 1/4" 5 - 1"
2 - 3/8" 6 - 1 1/4"
3 - 1/2" 7 - 1 1/2"
4 - 3/4" 8 - 2"

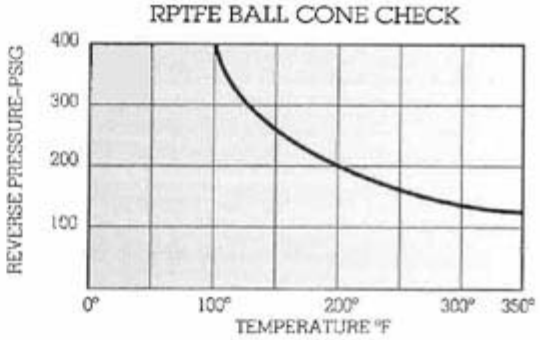
NOTE: NOT ALL COMBINATIONS AVAILABLE. CONTACT CUSTOMER SERVICE FOR VERIFICATION.

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

NOTE: Not recommended for use with reciprocating pumps and similar applications with repetitious vibrations. Upstream flow disturbances, which create turbulence, may result in rapid wear and premature valve failures. It is recommended that a minimum of 10 diameters of straight pipe be provided between the check valve inlet and any upstream flow disturbance such as pumps, control valves, elbows, etc. It is also recommended that a minimum of 2 diameters of straight pipe be allowed downstream of the valve outlet. Low flow rates may also cause high frequency vibrations.

RPTFE BALL CONE CHECK



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