

Class 125 Bronze Ring Check® Valves

Inline Lift Type • Resilient Discs • Spring Actuated



125 PSI/8.6 Bar Saturated Steam to 353° F/178° C (PTFE Disc)
250 PSI/17.2 Bar Non-Shock Cold Working Pressure

CONFORMS TO MSS SP-80

MATERIAL LIST

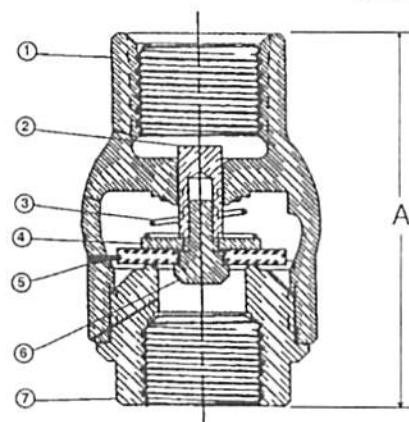
PART	SPECIFICATION
1. Body	Bronze ASTM B 584 Alloy C84400
2. Stem	Stainless Steel ASTM A 582 Alloy C30300
3. Spring	316 Stainless Steel
4. Disc Holder	Stainless Steel Type 301
5. Disc	Water, Oil or Gas (Buna-N) Steam (PTFE) (Y)
6. Seat Screw	Stainless Steel ASTM A 276 Alloy S43000
7. Body End	Bronze ASTM B 584 Alloy C84400



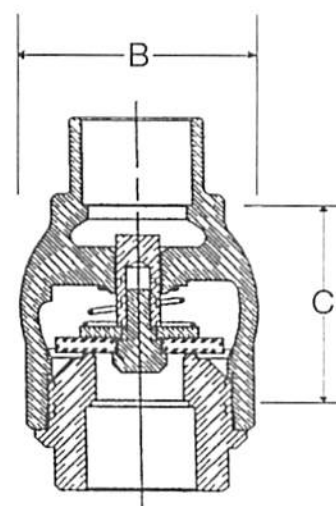
T-480
Threaded



S-480
Solder



T-480-Y (PTFE Disc)
NPT x NPT



S-480-Y (PTFE Disc)
C x C

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions								T-480		S-480		Master Ctn. Qty.
	A		B		C								
	In.	mm.	In.	mm.	In.	mm.	Lbs.	mm.	Lbs.	Kg.			
3/8	10	2.00	51	1.38	35	1.44	37	0.41	0.19	0.44	0.20	100	
1/2	15	2.06	52	1.38	35	1.19	30	0.36	0.16	0.40	0.18	100	
3/4	20	2.25	57	1.63	41	1.31	33	0.48	0.22	0.52	0.24	100	
1	25	2.63	67	2.00	51	1.50	38	0.77	0.35	0.85	0.39	50	
1 1/4	32	2.94	75	2.38	60	1.69	43	1.14	0.51	1.28	0.58	30	
1 1/2	40	3.31	84	2.75	70	2.00	51	1.63	0.74	1.75	0.79	30	
2	50	3.69	94	3.38	86	2.31	59	2.27	1.03	2.70	1.23	10	

Ordering: The T-480 and S-480 both have standard Buna-N Discs.
Also available with PTFE (Y) Discs; specify T-480-Y or S-480-Y.
3/8" thru 2" require 1/2 pound pressure to open.

NIBCO check valves may be installed in both horizontal and vertical lines with upward flow or in any intermediate position.

Warning — Do Not Use For Reciprocating Air Compressor Service.

♦ For detailed Operating Pressure, refer to Pressure Temperature Chart on page 111.