

Class 125 Bronze Ring Check® Valves

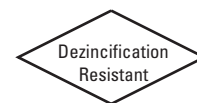
Inline Lift Type • Resilient Discs • Spring Actuated

125 PSI/8.6 Bar Saturated Steam (TFE 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 (TFE) (Y)
6. Seat Screw	Stainless Steel ASTM A 276 Alloy S43000
7. Body End	Bronze ASTM B 584 Alloy C84400



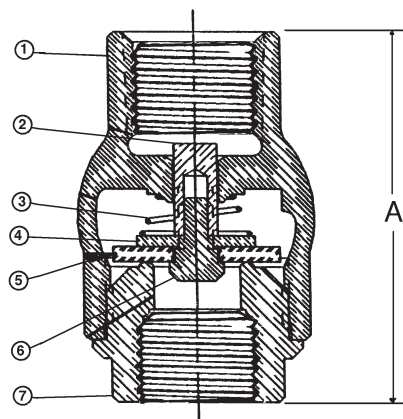
T-480

Threaded

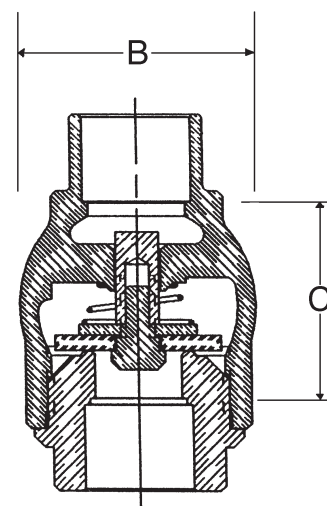


S-480

Solder



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



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

DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions													
Size		A		B		C		T-480		S-480		Master	
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	Ctn.	Qty.
¾	10	2.00	51	1.38	35	1.44	37	0.41	0.19	0.44	0.20	100	
½	15	2.06	52	1.38	35	1.19	30	0.36	0.16	0.40	0.18	100	
¾	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 ¼	32	2.94	75	2.38	60	1.69	43	1.14	0.51	1.28	0.58	30	
1 ½	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 TFE (Y) Discs; specify T-480-Y or S-480-Y.
3/8" thru 2" require 1/2 pound pressure to open.

◆ For detailed Operating Pressure, refer to Pressure Temperature Chart on page 110.

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.