

# Bronze Ball Valves

Two-Piece Body • Full Port ¼"-1" • Conventional Port 1¼"-2" • Bronze Trim • Safety Vent® for Pneumatic Applications • Blowout-Proof Stem

**200 PSI/41.4 bar non-shock cold working pressure**  
**Service Temperature Range: 35°F to 125°F**

O.S.H.A. 1910.147

## MATERIAL LIST

PART	SPECIFICATION
1. Handle Nut	Zinc Plated Steel
2. Handle	Zinc Plated Steel Clear Chromate Plastisol Coated
3. Threaded Pack Gland	Brass ASTM B 16 Alloy C36000
4. Packing	PTFE
5. Stem	Silicon Bronze ASTM B 371 Alloy C69430 or C69300 or ASTM B 99 Alloy C65100
6. Thrust Washer	Reinforced PTFE
7. Ball	Brass ASTM B 124 Alloy C37700 or ASTM B16 Alloy C36000 EACH with Hard Chrome Plate
8. Seat Ring (2)	Reinforced PTFE
9. Body	Bronze ASTM B 584 Alloy C84400
10. Body End Piece	Bronze ASTM B 584 Alloy C84400
11. Locking Device	300 Series Stainless Steel

**Note: a Buna O-ring is installed on the upstream side behind the seat ring (¾" - 2").  
Maximum temperature of Buna is 180° F. (not shown)**

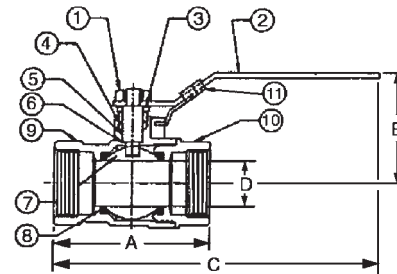


**T-585-70-SV**

¼"-1" Full Port  
Threaded

**T-580-70-SV**

1¼"-2" Conventional Port  
Threaded



**T-585-70-SV**  
**T-580-70-SV**  
NPT x NPT

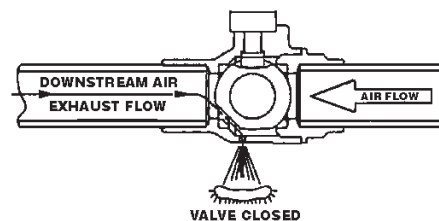
## DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions				T-585-70-SV			T-580-70-SV			Master Ctn.	Qty.	
	A	B	C	D	T-585-70-SV	T-580-70-SV	Lbs.	Kg.	Lbs.	Kg.			
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	Ctn.	Qty.
† ¼	8	2.00	51	1.75	44	5.00	127	.38	10	.49	.22	100	
† ⅜	10	2.00	51	1.75	44	5.00	127	.38	10	.48	.22	100	
† ½	15	2.44	62	1.88	48	5.19	132	.50	13	.68	.31	100	
† ¾	20	2.94	75	2.25	57	6.25	159	.75	19	1.38	.63	50	
† 1	25	3.34	85	2.38	60	6.44	164	1.00	25	1.99	.90	40	
1 ¼	32	3.94	100	2.63	67	6.75	171	1.00	25	2.37	1.07	20	
1 ½	40	4.31	109	3.00	76	8.88	226	1.25	32	3.57	1.62	20	
2	50	4.63	118	3.16	80	9.06	230	1.50	38	5.20	2.36	10	

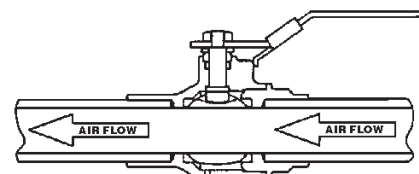
**NIBCO T-585-70-SV Safety Vent lock-out ball valves provide positive energy isolation per O.S.H.A. standard 1910.147. Valves lock in both open and closed positions. For compressed air. Vent hole diameter is .125". To order specify T-585-70-SV/T-580-70-SV.**

† NIBCO supplies full port T-585-70-SV on this size.

**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



VALVE CLOSED



VALVE OPEN

Visit our website for the most current information.