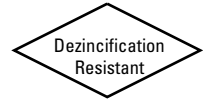


# Bronze Ball Valves

Three-Way Body • Full Port 1/2"-1" • Conventional Port 1 1/4"-2" •  
3-Way Bronze Ball Valve • 316SS Trim • Blowout-Proof Stem •  
Vented Ball



**400 PSI/27.6 Bar Non-Shock Cold Working Pressure**

CONFORMS TO MSS SP-110

## MATERIAL LIST

PART	SPECIFICATION
1. Handle	Zinc Plated Steel Clear Chromate Plastisol Coated
2. Handle Nut	Stainless Steel 300 Series
3. Threaded Pack Gland	Brass ASTM B 16 Alloy C36000
4. Packing	PTFE
5. Thrust Washer	Reinforced PTFE
6. Stem	Stainless Steel ASTM A 276 Type 316
7. Seat Ring (2)	Reinforced PTFE
8. Ball (Vented)	Stainless Steel ASTM A 276 Type 316 or ASTM A 351 Type CF8M
9. Body C84400	Bronze ASTM B 584 Alloy
10. Body End Piece	Bronze ASTM B 584 Alloy C84400



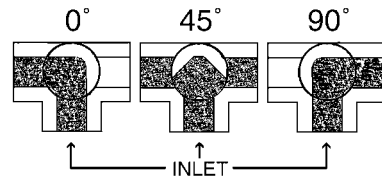
**T-585-70-66-W3**

Threaded



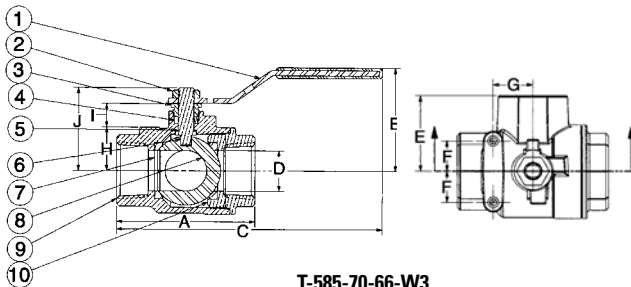
**S-585-70-66-W3**

Solder

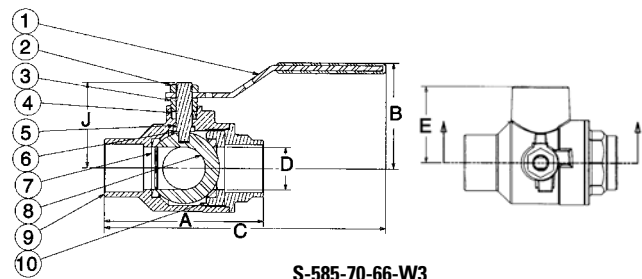


**Flow Pattern**  
Lever Position

Note: Open port pressure must exceed closed port pressure. If closed port pressure exceeds open port pressure, ball may be forced off of the seating which could allow mixing from all ports.



**T-585-70-66-W3**  
NPT x NPT



**S-585-70-66-W3**  
C x C

## DIMENSIONS—WEIGHTS—QUANTITIES

### T-585-70-66-W3 Dimensions

Size	T-585-70-66-W3 Dimensions												T-585-70-66-W3		Master Ctn. Qty.									
	A	B	C	D	E	F	G	H	I	J	Lbs.	Kg.												
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.							
1/2	15	2.44	62	1.88	48	5.19	132	.50	13	1.22	31	.69	18	.88	22	.65	17	.51	13	1.45	37	.84	.38	50
3/4	20	2.94	75	2.25	57	6.25	159	.75	19	1.45	37	.69	18	.88	22	.85	22	.57	14	1.80	46	1.62	.73	25
1	25	3.34	85	2.38	60	6.44	164	1.00	25	1.69	43	.69	18	.88	22	1.05	27	.57	14	1.97	50	2.28	1.03	20
1 1/4	32	4.19	106	3.00	76	6.75	171	1.12	28	1.98	50	.75	19	.94	24	1.23	31	.87	22	2.60	66	4.19	1.90	10
1 1/2	40	4.72	120	3.16	80	9.06	230	1.38	35	2.38	60	.75	19	.94	24	1.48	38	.87	22	2.84	72	6.00	2.72	8
2	50	5.31	135	3.50	89	9.25	235	1.88	48	2.75	70	.75	19	.94	24	1.88	48	.70	18	3.14	80	9.03	4.09	4

† NIBCO supplies conventional port T-580-70-66-W3 on this size.

### S-585-70-66-W3 Dimensions

Size	S-585-70-66-W3 Dimensions												S-585-70-66-W3		Master Ctn. Qty.	
	A	B	C	D	E	J	Lbs.	Kg.								
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.
1/2	15	2.56	65	1.88	48	5.19	132	.50	13	1.08	27	1.45	37	.67	.30	50
3/4	20	3.25	83	2.25	57	6.25	159	.75	19	1.50	38	1.80	46	1.35	.61	25
1	25	3.75	95	2.38	60	6.63	168	1.00	25	1.85	47	1.97	50	2.07	.94	20