

Carbon Steel Ball Valves

Two-Piece Body • Conventional Port • Blowout-Proof Stem •
316 SS Trim • Cast Mounting Pad • Vented Ball

2000 PSI/138 Bar Non-Shock Cold Working Pressure*

CONFORMS TO MSS SP-110

MATERIAL LIST

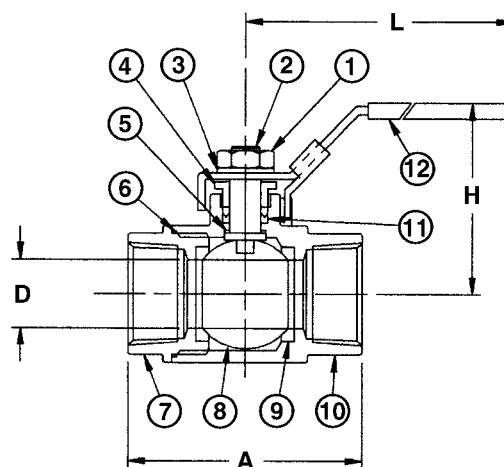
PART	SPECIFICATION
1. Handle Nut	Carbon Steel ASTM A 283
2. Stem	Stainless Steel ASTM A 276 Type 316
3. Lock Washer	Carbon Steel
4. Threaded Pack Gland	Carbon Steel ASTM A 108 Type 1045
5. Thrust Washer	Carbon Filled PTFE
6. Gasket	PTFE
7. Body End Piece	Carbon Steel ASTM A 216 Grade WCB (Investment Cast)
8. Ball (Vented)	Stainless Steel ASTM A 276 Type 316 or ASTM A 351 Type CF8M
9. Seat (2)	Reinforced PTFE
10. Body	Carbon Steel ASTM A 216 Grade WCB
11. Stem Packing (2)	Carbon Filled PTFE
12. Locking Handle	Carbon Steel ASTM A 283

NOTE: valves are static grounded by thrust washer and packing.



TC-580-CS-R-66-LL

Threaded

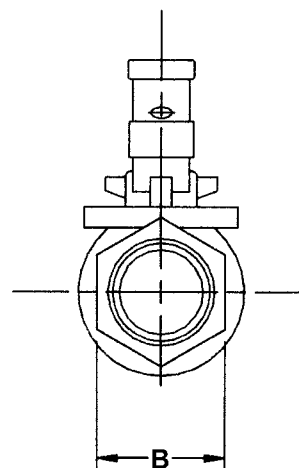


TC-580-CS-R-66-LL
NPT x NPT

DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions										TC-580-CS-R-66-LL		Master Ctn. Qty.
		A		B		D		L		H				
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	
1/4	8	2.07	53	.90	23	.37	9	1.76	45	4.33	110	.51	.23	10
3/8	10	2.07	53	.90	23	.37	9	1.76	45	4.33	110	.48	.22	10
1/2	15	2.34	59	1.06	27	.50	13	1.92	49	4.33	110	.66	.30	10
3/4	20	2.80	71	1.34	34	.69	18	2.40	61	5.83	148	1.30	.59	10
1	25	3.23	82	1.61	41	.87	22	2.56	65	5.83	148	1.79	.81	10
1 1/4	32	3.57	91	1.89	48	1.00	25	2.74	70	7.76	197	2.52	1.14	5
1 1/2	40	4.04	103	2.26	57	1.25	32	2.98	76	7.76	197	3.75	1.70	5
2	50	4.63	118	2.76	70	1.50	38	3.17	81	7.76	197	5.80	2.63	5

◆For detailed operating pressure, refer to pressure temperature chart on pages 71 and 72.



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