



Two Piece Direct-Mount Automation Series



FEATURES:

**Brass Full Port
Low Torque Design**

**Pressure:
600 WOG - 150 WSP**

**Temperature:
to 366°F**

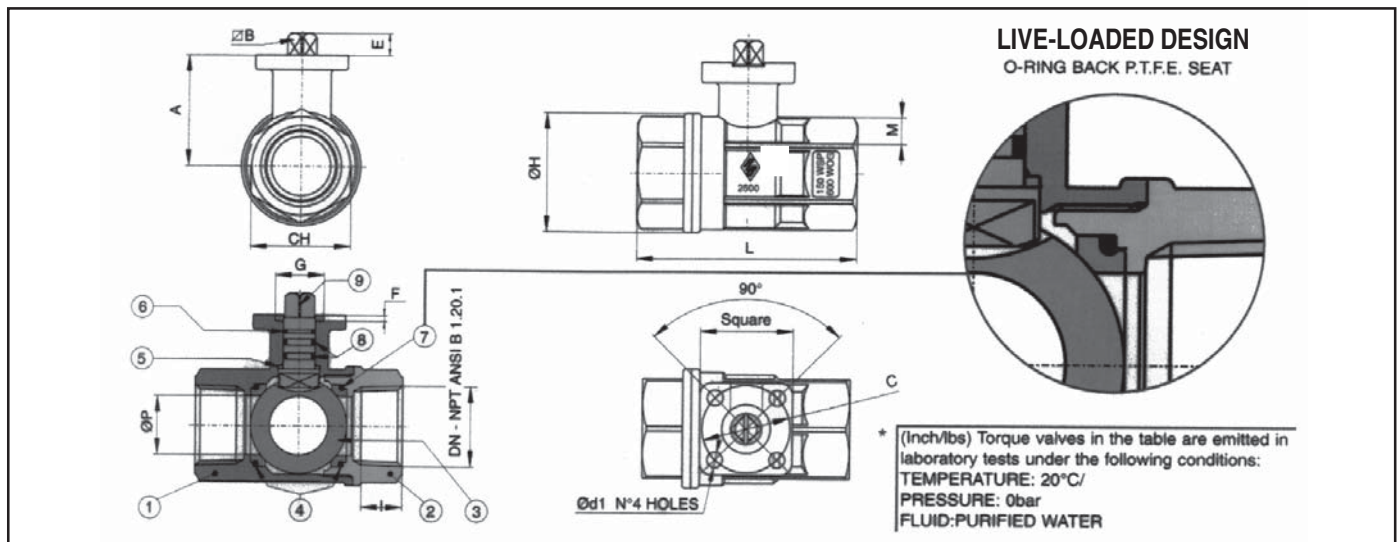
**Sizes Range:
1/4" thru 4"**



MODELS:

**DM51 - Brass-Plated Ball
DM52 - 316SS Ball / Stem**

**Part ID'S
DM51-BZ-TTT
DM52-BZ-TTT**



No. Pos	Part Name	Materials	N PCS
1	Body	Brass CW617N UNI EN 12165	1
2	End Cap	Brass CW617N UNI EN 12165	1
3	Ball	Brass CW617N UNI EN 12165	1
4	Seals #	P.T.F.E	2
5	Thrust Washer #	P.T.F.E	1
6	Stem Seal #	P.T.F.E	1
7	O-Rings #	FKM (Viton)	2
8	O-Rings #	FKM (Viton)	2
9	Stem	Brass CW617N UNI EN 12165	1

SIZE	SQUARE	A	∠B	C	Ød1	E	F	ØG	ØH	I	L	CH	M	ØP	PSI	Lbs	Inch/lbs	ISO 5211
1/4"	1.49	1.28	0.35	1.42	0.24	0.35	0.08	0.98	1.32	0.39	2.64	1.06	0.22	0.39	600	0.82	53.10	F03
3/8"	1.49	1.28	0.35	1.42	0.24	0.35	0.08	0.98	1.32	0.40	2.64	1.06	0.22	0.39	600	0.79	53.10	F03
1/2"	1.49	1.28	0.35	1.42	0.24	0.35	0.08	0.98	1.32	0.53	2.64	1.06	0.22	0.56	600	0.66	53.10	F03
3/4"	1.49	1.28	0.35	1.42	0.24	0.35	0.08	0.98	1.57	0.55	3.00	1.26	0.22	0.75	600	0.91	53.10	F03
1"	1.49	1.79	0.35	1.42	0.24	0.35	0.12	0.98	1.93	0.66	3.35	1.61	0.24	0.95	600	1.55	53.10	F03
1 1/4"	1.49	1.93	0.35	1.42	0.24	0.35	0.12	0.98	2.30	0.66	3.66	1.97	0.24	1.18	600	2.14	53.10	F03
1 1/2"	1.96	2.52	0.43	1.97	0.27	0.43	0.12	1.38	2.87	0.66	4.13	2.16	0.39	1.49	600	3.71	150.45	F05
2"	1.96	2.88	0.43	1.97	0.27	0.43	0.12	1.38	3.60	0.70	4.80	2.75	0.31	1.97	600	5.52	150.45	F05
2 1/2"	2.75	3.48	0.55	2.76	0.35	0.59	0.12	2.16	4.51	0.93	6.10	3.54	0.35	2.52	600	8.83	274.35	F07
3"	2.75	3.85	0.55	2.76	0.35	0.59	0.12	2.16	5.35	1.01	6.89	4.13	0.35	3.00	600	13.29	274.35	F07
4"	2.75	4.59	0.67	2.76	0.35	0.69	0.12	2.16	6.53	1.09	8.03	5.12	0.33	3.74	600	21.54	646.05	F07

Parts included in repair kits

Flo-Tite's "DM" design eliminates mounting brackets and all their possible related problems. Ideally designed for low profile, cost effective industrial applications.



Two Piece Direct-Mount Automation Series

MODEL: DM80SS

FEATURES:



**Stainless - Full Port
Low Torque Design**

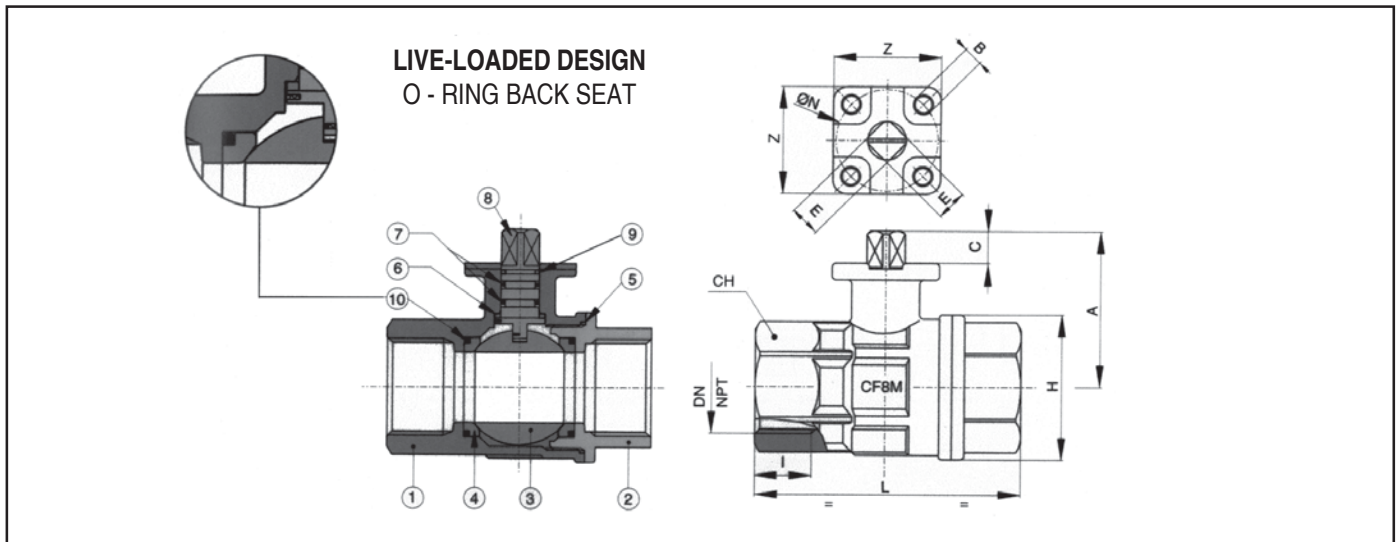
**Temperature:
to 370°F**

**Pressure:
1000 WOG - 150 WSP**

**Sizes Range:
1/4" thru 2"**

High Quality Investment Casting

**Part ID'S
DM80-SS-TTT**



N Pos	PART NAME	MATERIALS	N PC S
1	BODY	A351 GR-CF8M	1
2	END CONNECTION	A351 GR-CF8M	1
3	BALL	AISI 316 - CF8M	1
4	BALL SEAL	P.T.F.E	2
5	SEAT	P.T.F.E	1
6	STEM SEAL	P.T.F.E	1
7	O-RING	FKM (Viton)	2
8	STEM	AISI 316 - CF8M	2
9	STEM SEAT	P.T.F.E	1
10	O-RING	FKM (Viton)	1

SIZE	I	L	H	CH	A	C	E	N	B	Z	CV	TORQUE Inch - lbs	Lbs	ISO 5211
1/2"	0.59	2.63	1.35	1.06	1.63	0.35	0.35	1.41	0.23	1.49	16.3	60	0.68	F03
3/4"	0.64	3.07	1.65	1.25	1.71	0.35	0.35	1.41	0.23	1.49	29.5	64	0.91	F03
1"	0.75	3.54	2.02	1.61	2.10	0.35	0.35	1.41	0.23	1.49	43.00	68	1.35	F03
1 1/4"	0.84	3.93	2.53	1.96	2.24	0.35	0.35	1.41	0.23	1.49	89.00	74	2.22	F03
1 1/2"	0.84	4.40	3.03	2.16	2.91	0.43	0.43	1.96	0.27	1.96	230.00	160	3.69	F05
2"	1.01	5.31	3.81	2.75	3.27	0.43	0.43	1.96	0.27	1.96	265.00	170	6.69	F05

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Flo-Tite, Inc.
4815 West 5th St.
Lumberton, NC 28358

P. O. Box 1293
Lumberton, NC 28359
Website: www.flotite.com

Tel: (910) 738-8904
Fax: (910) 738-9112
E-mail: flotite@flotite.com