

DM3800 Series

Direct Mount Two Piece Ball Valve

FEATURES & BENEFITS

- Adjustable stem packing
- With ISO 5211 direct mount
- Body and end cap are quality investment casting
- Available in Stainless Steel
- Blow-out proof stem design
- 100% air tested under water at 80 - 100 psi
- Working pressure: 1000 wog
- Temperature range: -20°F to +450°F
- With locking function
- End connections: threaded and metric



ORDERING SCHEMATIC

Size	Series	Material		Port		Packing		Seat		End Connection	
1/4"	DM38	33	Stainless Steel	F	Full	T	Teflon	C	Carbon	S	Threaded
3/8"								T	Teflon	M	Metric
1/2"											
3/4"											
1"											
1-1/4"											
1-1/2"											
2"											
2-1/2"											
3"											



Right Valve, Right Application, Right Now!



Authorized Distributor

Quko Int'l Development Limited

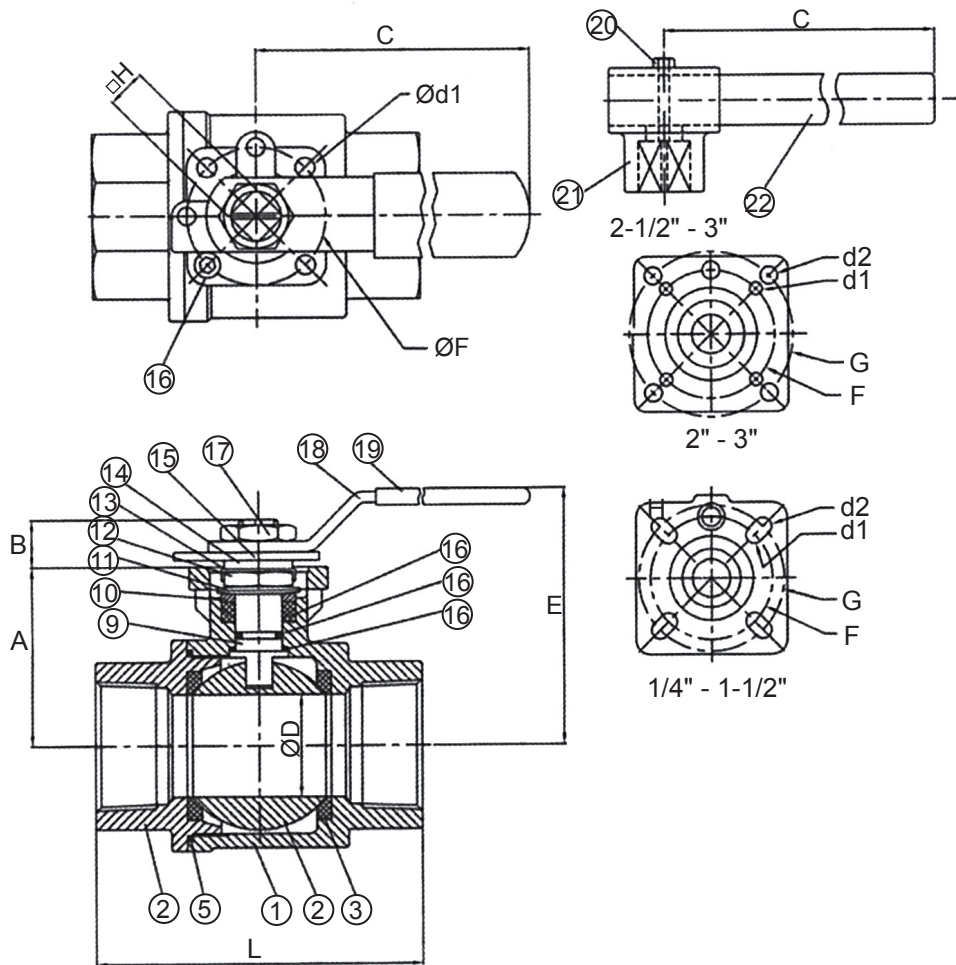
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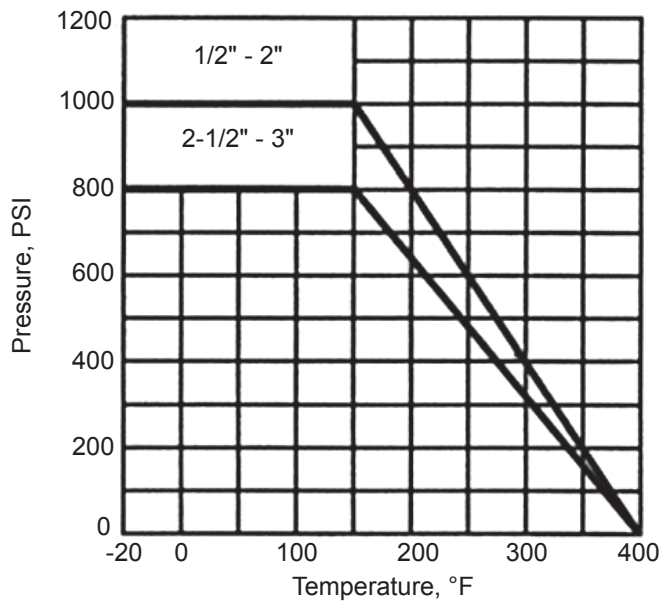
DIMENSIONS (INCHES) AND MATERIALS LIST



Size	A	B	C	D	d1	d2	E	F	G	H	L
1/4"	1.46	0.35	5.12	0.43	0.24	0.24	2.60	1.42	1.65	0.35	2.22
3/8"	1.46	0.35	5.12	0.49	0.24	0.24	2.60	1.42	1.6	0.35	2.22
1/2"	1.46	0.35	5.12	0.59	0.24	0.24	2.60	1.42	1.65	0.35	2.22
3/4"	1.57	0.43	5.12	0.79	0.24	0.24	2.72	1.42	1.65	0.35	2.83
1"	1.89	0.55	6.30	0.98	0.24	0.28	3.15	1.65	1.97	0.43	3.13
1-1/4"	2.11	0.55	6.30	1.26	0.24	0.28	3.35	1.65	1.97	0.43	3.78
1-1/2"	2.50	0.71	8.07	1.50	0.28	—	3.86	1.97	—	0.55	4.11
2"	2.83	0.71	8.07	1.97	0.28	—	4.17	1.97	—	0.55	4.86
2-1/2"	3.62	0.87	12.6	2.50	0.35	0.44	5.51	2.76	4.02	0.67	6.30
3"	4.02	0.87	12.6	3.07	0.35	0.44	5.91	2.76	4.02	0.67	7.17

Item	Description	Material	Item	Description	Material
1	Body	CF8M	12	Stem Nut	SS304
2	End Cap	CF8M	13	Nut Stop	SS304
3	Ball	SS316	14	Space Washer	SS304
4	Ball Seats	PTFE	15	Plater	SS304
5	Gasket	PTFE	16	Stop Pin	SS304
6	Thrust Washer	RPTFE	17	Handle Nut	SS304
7	O-Ring	Viton	18	Handle	SS304
8	Stem Packing	PTFE	19	Handle Cover	Plastic
9	Stem	SS16	20	Set Bolt	SS304
10	Gland Washer	SS304	21	Lever Handle	CF8
11	Disc Washer	SS301	22	Lever	Steel Pipe

TEMPERATURE CHART



OPERATING TORQUE

Valve Size	Operating Torque in-lbs	Cv
1/4"	10	6.6
3/8"	10	7.9
1/2"	20	11.2
3/4"	50	21
1"	75	35
1-1/4"	125	57
1-1/2"	150	80
2"	200	150
2-1/2"	375	265
3"	490	415



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