

Operating Condition

* Temperature range: -20°F ~ 450°F

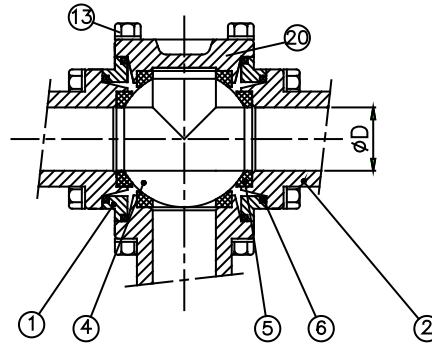
Specification

- * Investment cast body and cap
- * Self-adjusting stem packing
- * Blow-out proof stem design
- * ISO5211 mounting pad
- * 100% tested air under water at 80psi
- * All valve built and pressure tested to ANSI/ASME B16.34 MSS-SP110 and API 598
- * End connections: (A)Class 150 & 300

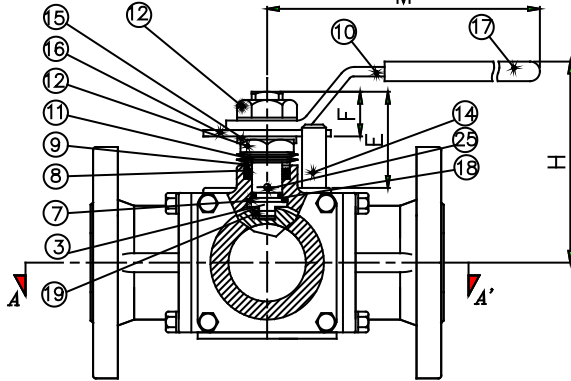
Flange connection - ANSI B16.5

(B)PN16 & PN40

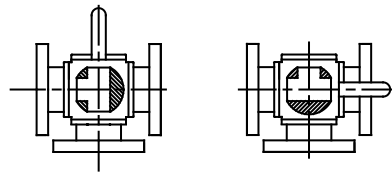
Flange connection - DIN 2633/2635



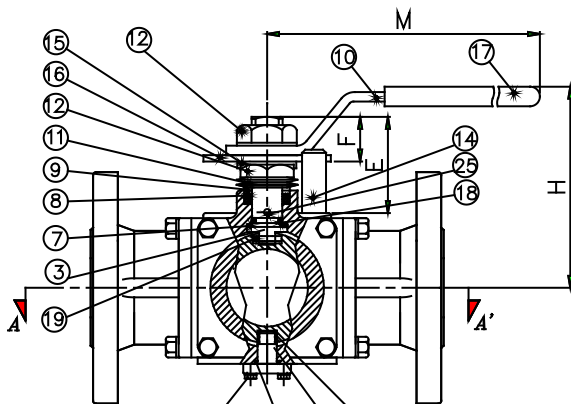
A-A SECTION



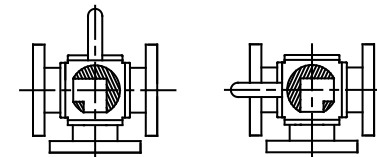
SIZE: 1/2", 3/4", 1", 1.1/4"



T - PORT 90° TURN



SIZE: 1. 1/2", 2"



L - PORT 90° TURN

- * 3-4 WAY "L" "T" "X" PORT
- * ISO 5211 MOUNTING PAD

ITEM	PART NAME	MATERIAL
1	BODY	A351 Gr. CF8M
2	CLAMP CAPS	A351 Gr. CF3M
3	STEM	SS316
4	BALL	SS316
5	BALL SEATS	PTFE+15%G.F
6	GASKETS	PTFE
7	THRUST WASHER	PEEK
8	STEM PACKING	PTFE
9	GLAND WASHER	SS304
10	HANDLE	SS304
11	BELLEVILLE WASHER	SS304
12	STEM NUT	SS304
13	BODY BOLTS	SS304
14	STOPPER	SS304
15	STOP NUT	SS304
16	STOP PLATE	SS304
17	HANDLE COVER	PLASTIC
18	O-RING	VITON
19	SET PIN	SS316
20	BLIND CAP	A351 GR. CF8M
21	SUPPORT HOUSING	PTFE+15%G.F
22	SUPPORT STEM	SS316
23	SUPPORT GASKET	PTFE
24	SUPPORT BOLT	SS304
25	ANTI-STATIC	SS316

SIZE	UNIT	D	E	F	H	M	P	W	G	T	L			
											PN16	PN40	ANSI150	ANSI300
1/2	mm	15	24	13	-	145	50	M6	12	9	160	160	152	162
	INCH	0.59	0.94	0.51	3.07	5.71	1.97	0.47	0.35	6.30	6.30	5.98	6.38	
3/4	mm	20	29	13	-	165	50	M6	14	11	177	177	167	179
	INCH	0.79	1.14	0.51	3.60	6.50	1.97	0.55	0.43	6.97	6.97	6.58	7.05	
1	mm	25	37	15.5	-	195	70	M8	14	11	191	191	185	196
	INCH	0.98	1.46	0.61	4.20	7.68	2.76	0.55	0.43	7.52	7.52	7.28	7.72	
1 1/4	mm	31.8	50	21.5	-	250	70	M8	18	14	209	209	201	207
	INCH	1.25	1.97	0.85	4.90	9.84	2.76	0.71	0.55	8.23	8.23	7.91	8.15	
1 1/2	mm	38.1	50	21.5	-	250	102	M10	18	14	234	234	220	224
	INCH	1.50	1.97	0.85	5.20	9.84	4.02	0.71	0.55	9.21	9.21	8.66	8.82	
2	mm	50.8	54	19.5	-	310	102	M10	22	17	273	273	253	259
	INCH	2.00	2.13	0.77	6.02	12.2	4.02	0.87	0.67	10.75	10.75	9.96	10.20	

			APPD			NAME	3WAY FLANGE
			CHD			TYPE	BV-509
			DRAW	LIN	09 06 2004	MAT	
Inline Industries, Inc.			DRAW	NO.	509N-000-FFA-1	SCALE	: QTY