

Chicago Valves & Controls



SERIES 16

3 WAY BALL VALVE

Series 16

316 STAINLESS STEEL ASTM A351 CF8M

LIVE LOADED STEM PACKING

BLOW OUT PROOF STEM

AVAILABLE IN T OR L PORT CONFIGURATION

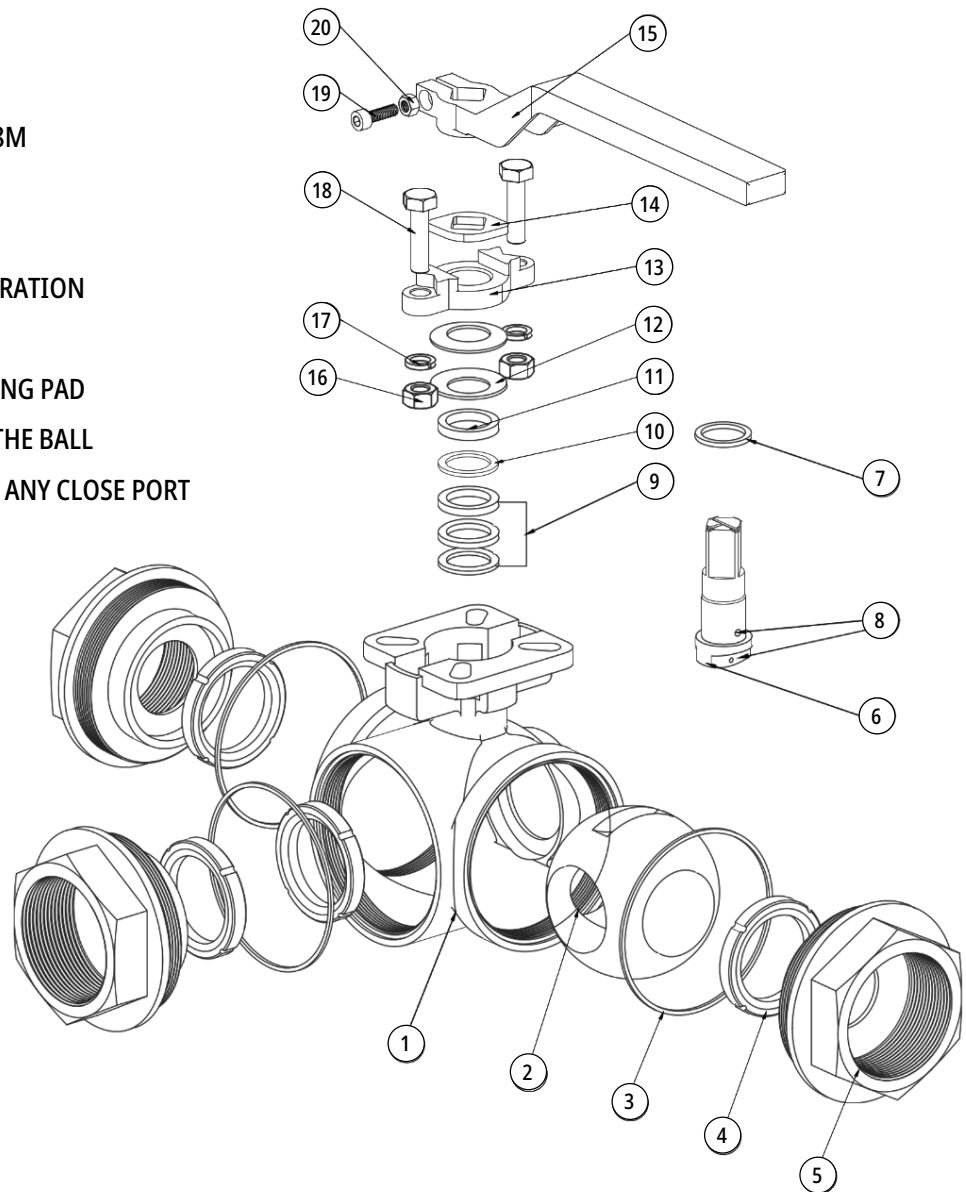
LOCKABLE HANDLE

ISO 5211 INTEGRAL DIRECT MOUNTING PAD

4 SEAT DESIGN SECURELY SUPPORT THE BALL

AND PROVIDE POSITIVE SHUTOFF AT ANY CLOSE PORT

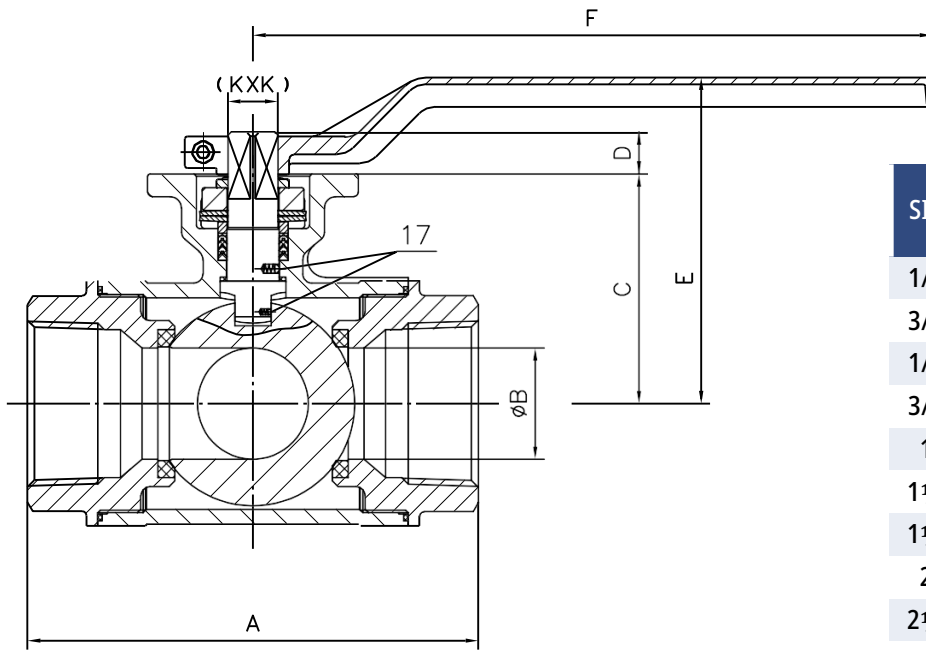
ANTI-STATIC DESIGN



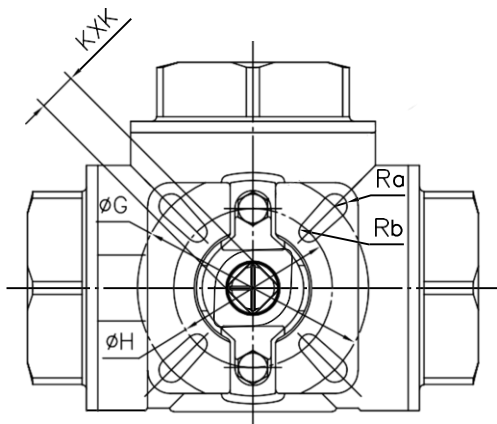
No.	Part Name	Qty	Material
1	Body	1	316 SS ASTM A351 CF8M
2	Ball	1	316 Stainless Steel
3	Body Seal	3	PTFE
4	Seat	4	RPTFE
5	End Piece	3	316 SS ASTM A351 CF8M
6	Stem	1	316 Stainless Steel
7	Thrust Bearing	1	PTFE+25%GF
8	Anti Static Device	2	316 Stainless Steel
9	Stem Packing	3	PTFE
10	Thrust Bearing	1	PTFE+25%GF

No.	Part Name	Qty	Material
11	Gland Packing	1	304 Stainless Steel
12	Belleville Washer	2	304 Stainless Steel
13	Packing Gland	1	304 Stainless Steel
14	Lock Tab	1	304 Stainless Steel
15	Handle	1	304 Stainless Steel
16	Nut	2	304 Stainless Steel
17	Washer	2	304 Stainless Steel
18	Bolt	2	304 Stainless Steel
19	Handle Bolt	1	304 Stainless Steel
20	Nut	1	304 Stainless Steel

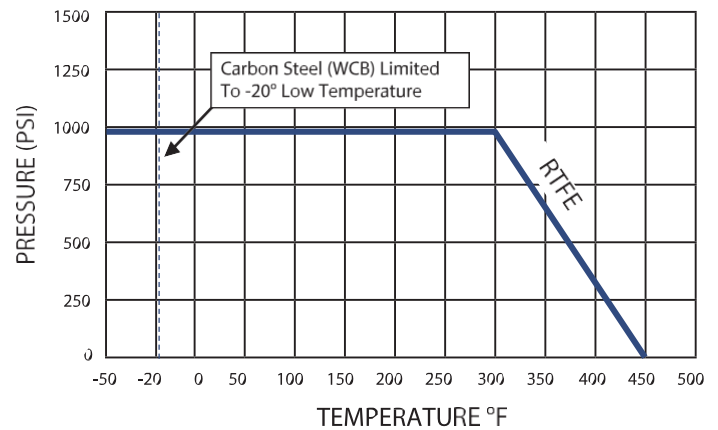
Series 16



SIZE	CV		TORQUE (lb·in) RTFE seat
	L PORT	T PORT	
1/4"	3	5	60
3/8"	3	6	60
1/2"	5	8	60
3/4"	10	13	90
1"	15	26	220
1 1/4"	25	40	270
1 1/2"	40	70	310
2"	80	110	450
2 1/2"	130	180	900
3"	190	270	1350



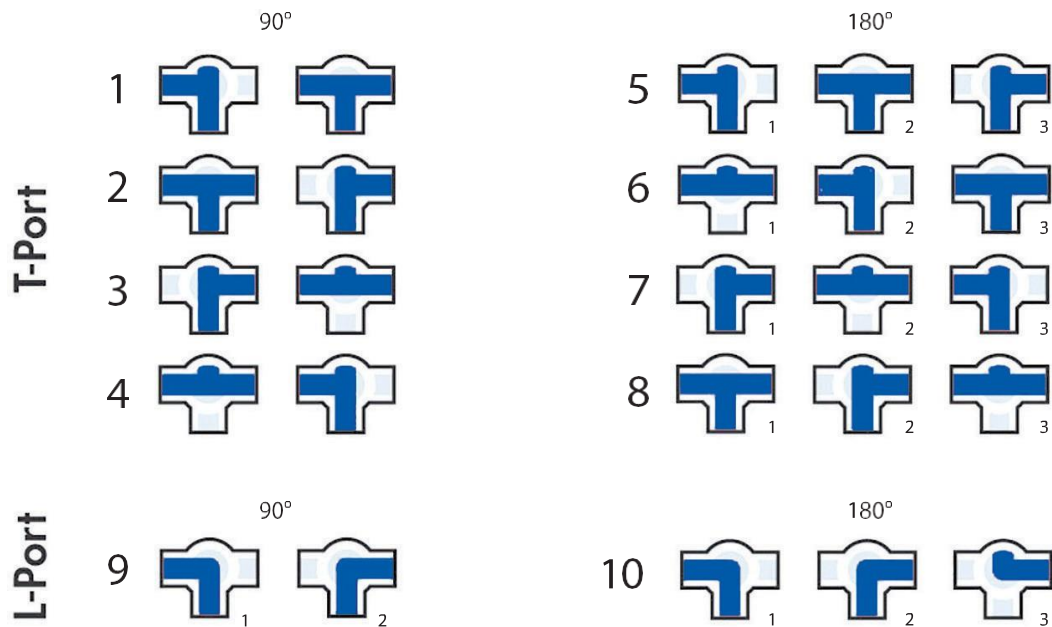
PRESSURE-TEMPERATURE RATINGS SERIES 16



DIMENSIONS (INCHES)

SIZE	A	B	C	D	E	F	KxK	G	H	Ra	Rb
1/4"	2.815	0.394	1.516	0.335	2.874	5.512	0.354 x 0.354	1.654	1.417	0.12	0.12
3/8"	2.815	0.394	1.516	0.335	2.874	5.512	0.354 x 0.354	1.654	1.417	0.12	0.12
1/2"	2.815	0.394	1.516	0.335	2.874	5.512	0.354 x 0.354	1.654	1.417	0.12	0.12
3/4"	3.268	0.591	1.791	0.354	3.15	5.512	0.354 x 0.354	1.654	1.417	0.12	0.12
1"	3.543	0.709	2.185	0.433	3.661	6.693	0.433 x 0.433	1.969	1.654	0.14	0.12
1 1/4"	4.567	0.984	2.48	0.433	3.976	6.693	0.433 x 0.433	1.969	1.654	0.14	0.14
1 1/2"	5.236	1.26	2.933	0.551	4.528	7.874	0.551 x 0.551	2.756	1.969	0.18	0.14
2"	5.748	1.496	3.13	0.551	4.724	7.874	0.551 x 0.551	2.756	1.969	0.18	0.14
2 1/2"	7.874	1.929	4.134	0.669	5.827	11.811	0.669 x 0.669	4.016	2.756	0.22	0.18
3"	9.291	2.559	4.823	0.709	6.535	11.811	0.669 x 0.669	4.016	2.756	0.22	0.18

FLOW CHART



HOW TO ORDER

1"	16	6	6	R	1	OH
Size	Series	Body	Ball & Stem	Seat	Flow Plan	Options
SIZE	SERIES	BODY	BALL & STEM	SEAT	FLOW PLAN	Options
1/4"	16	6 316 Stainless Steel	6 316 Stainless Steel	R RTFE	1	OH Oval Handle
3/8"					2	
1/2"					3	
3/4"					4	
1"					5	
1-1/4"					6	
1-1/2"					7	
2"					8	
2-1/2"					9	
3"					10	

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