

Chicago Valves & Controls



SERIES 25

DIRECT MOUNTED FULL PORT

THREADED 2PC BALL VALVE

1000 CWP (1/4"-2"), 800 CWP (2½" – 3")

316 STAINLESS STEEL - ASTM A351 CF8M

HIGH CYCLE LIVE LOADED STEM PACKING

ANTI STATIC DEVICE

STEAM RATING 150 PSI WSP

DIRECT MOUNTED VACUUM SERVICE TO 29" Hg

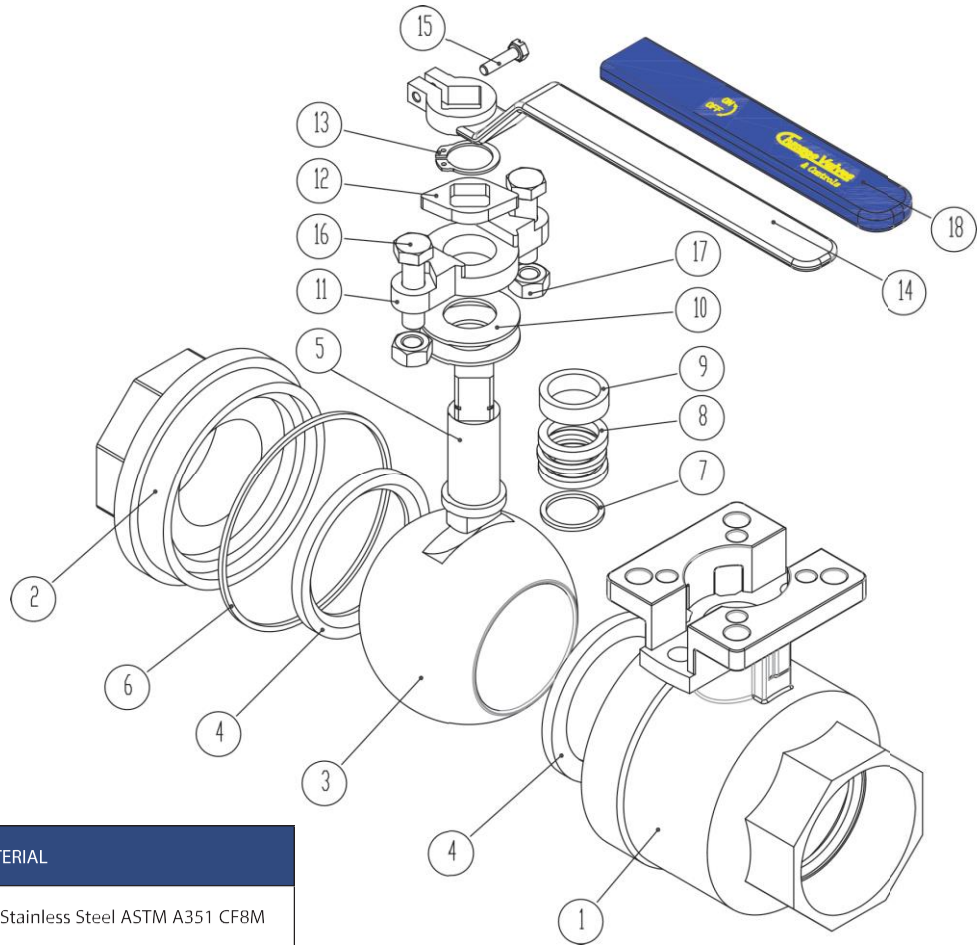
ELEVATED MOUNTING PAD ALLOWING TO ADJUST GLAND

PACKING FLANGE WHILE THE VALVE IN SERVICE WITHOUT

REMOVING THE ACTUATOR

ANTI-STATIC DESIGN

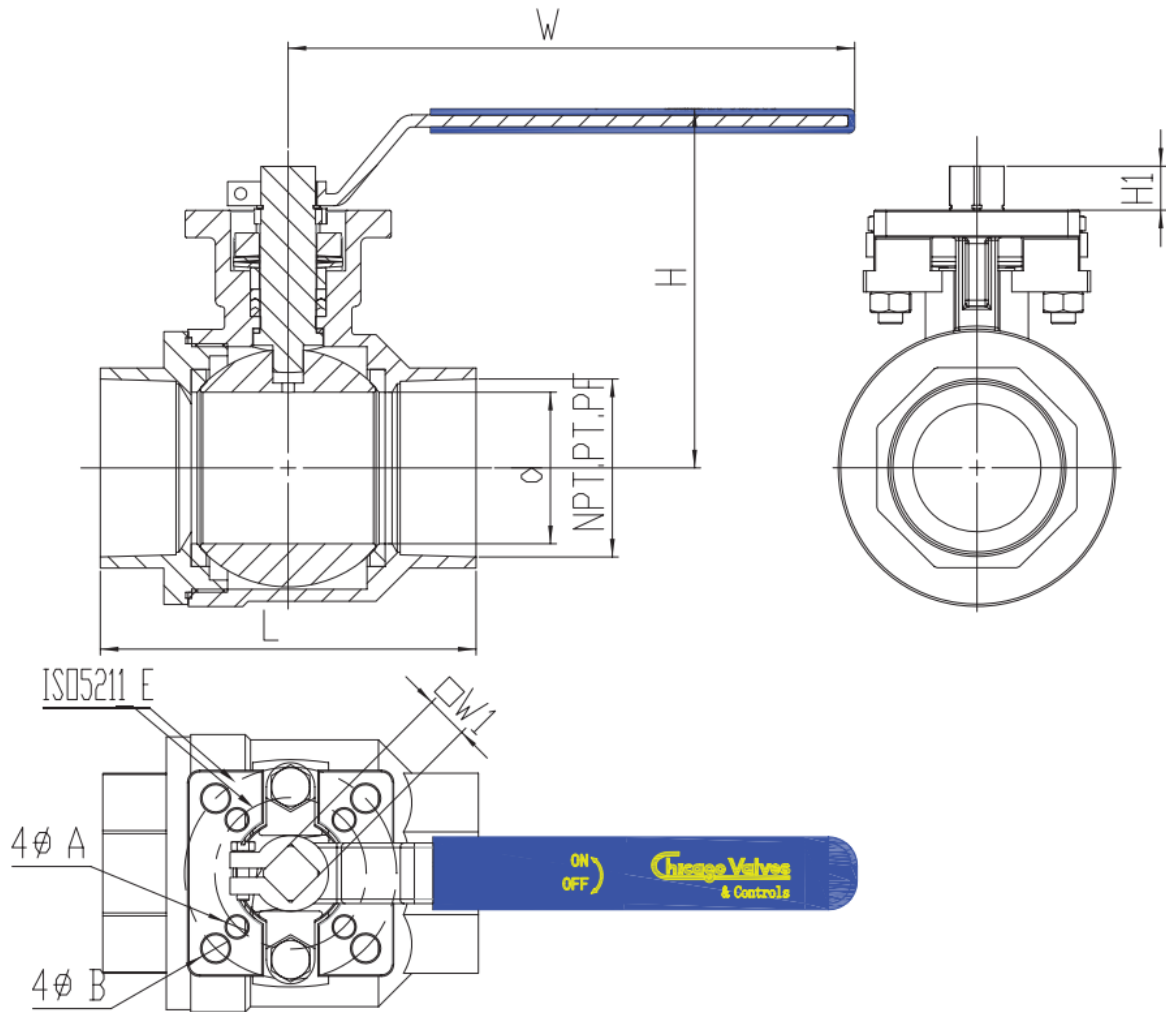
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PARTS & MATERIAL

PART NO.	PART NAME	QTY.	MATERIAL
1	Body	1	316 Stainless Steel ASTM A351 CF8M
2	End Piece	1	316 Stainless Steel ASTM A351 CF8M
3	Ball	1	316 Stainless Steel
4	Seat	2	RPTFE
5	Stem	1	316 Stainless Steel
6	Body Seal	1	PTFE
7	Thrust Washer	1	Carbon Fill PTFE
8	Stem Packing	3	PTFE
9	Gland	1	304 Stainless Steel
10	Belleville Washer	2	300 Stainless Steel
11	Gland Flange	1	304 Stainless Steel
12	Travel Stopper	1	304 Stainless Steel
13	Snap Ring	1	300 Stainless Steel
14	Handle	1	304 Stainless Steel
15	Bolt	1	300 Stainless Steel
16	Gland Bolt	2	300 Stainless Steel
17	Nut	2	300 Stainless Steel
18	Handle Sleeve	1	PVC

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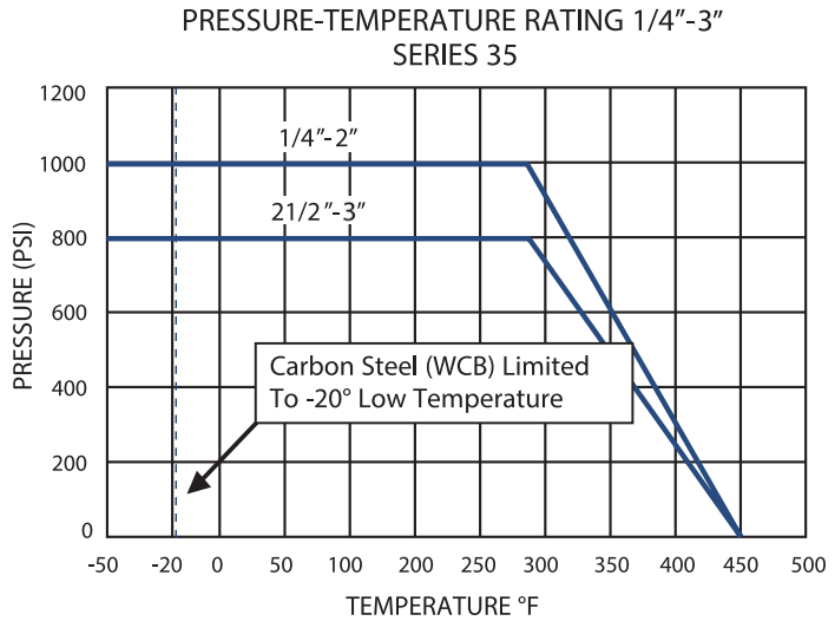
DIMENSIONS (INCHES)

SIZE	d	L	H	W	ISO 5211	E	H1	W1	A	B
1/4"	0.46	2.28	3.15	4.84	F03-F04	1.42-1.65	0.35	0.35	0.24	0.24
3/8"	0.50	2.28	3.15	4.84	F03-F04	1.42-1.65	0.35	0.35	0.24	0.24
1/2"	0.59	2.28	3.15	4.84	F03-F04	1.42-1.65	0.35	0.35	0.24	0.24
3/4"	0.79	2.64	3.31	4.84	F03-F04	1.42-1.65	0.35	0.35	0.24	0.24
1"	0.98	3.07	3.74	6.02	F04-F05	1.65-1.97	0.43	0.43	0.24	0.28
1 1/4"	1.26	3.54	3.94	6.02	F04-F05	1.65-1.97	0.43	0.43	0.24	0.28
1 1/2"	1.50	4.09	5.08	7.20	F05-F07	1.97-2.76	0.55	0.55	0.28	0.35
2"	1.97	4.96	5.39	7.20	F05-F07	1.97-2.76	0.55	0.55	0.28	0.35
2-1/2"	2.50	6.06	6.32	13.80	F07-F10	2.76-4.01	6.30	0.67	0.43	0.51
3"	3.00	6.87	6.61	13.80	F07-F10	2.76-4.01	6.60	0.67	0.43	0.51

APPLICABLE STANDARDS

SHELL TEST	ASME B16.34
SEAT TEST	ASME B16.34
THREADED ENDS	ASTM B16.11
MOUNTED PAD	ISO 5211

SIZE	CV (GPM)	WEIGHT (LBS)
1/4"	6	1.21
3/8"	7	1.12
1/2"	10	1.06
3/4"	25	1.32
1"	35	2.01
1 1/4"	46	2.76
1 1/2"	80	4.74
2"	110	6.97
2-1/2"	310	16.00
3"	360	22.50



HOW TO ORDER

1" Size	25 Series	6 Body	6 Ball & Stem	R Seats	1 Operator
SIZE	SERIES	BODY		SEATS	OPERATOR
1/4"	25	4 Carbon Steel		R RTFE	1 Bare Stem
3/8"		6 316 Stainless Steel			2 Lockable Handle
1/2"					
3/4"					
1"					
1 1/4"					
1 1/2"					
2"					
2-1/2"					
3"					
			BALL & STEM		
			6 316 Stainless Steel		

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