

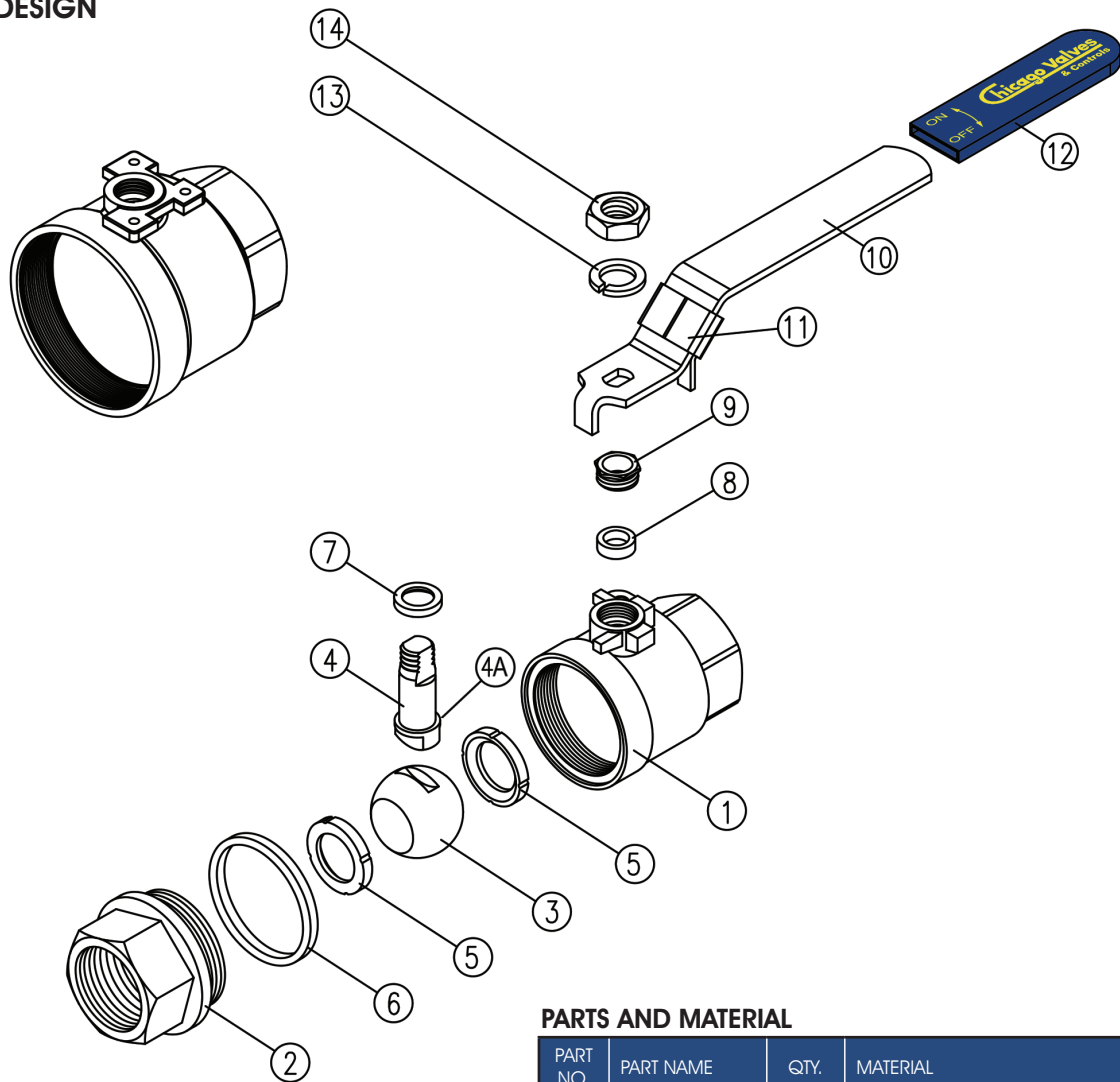
Chicago Valves & Controls



SERIES 20
FULL PORT THREADED 2PC
BALL VALVE

316 STAINLESS STEEL - ASTM A351 CFM
1000 CWP
150 WSP
VACCUM SERVICE TO 29" Hg
NACE MR0175
LOCKING DEVICE HANDLES (LEVER & OVAL HANDLE)
BLOWOUT PROOF STEM
ANTI-STATIC DESIGN

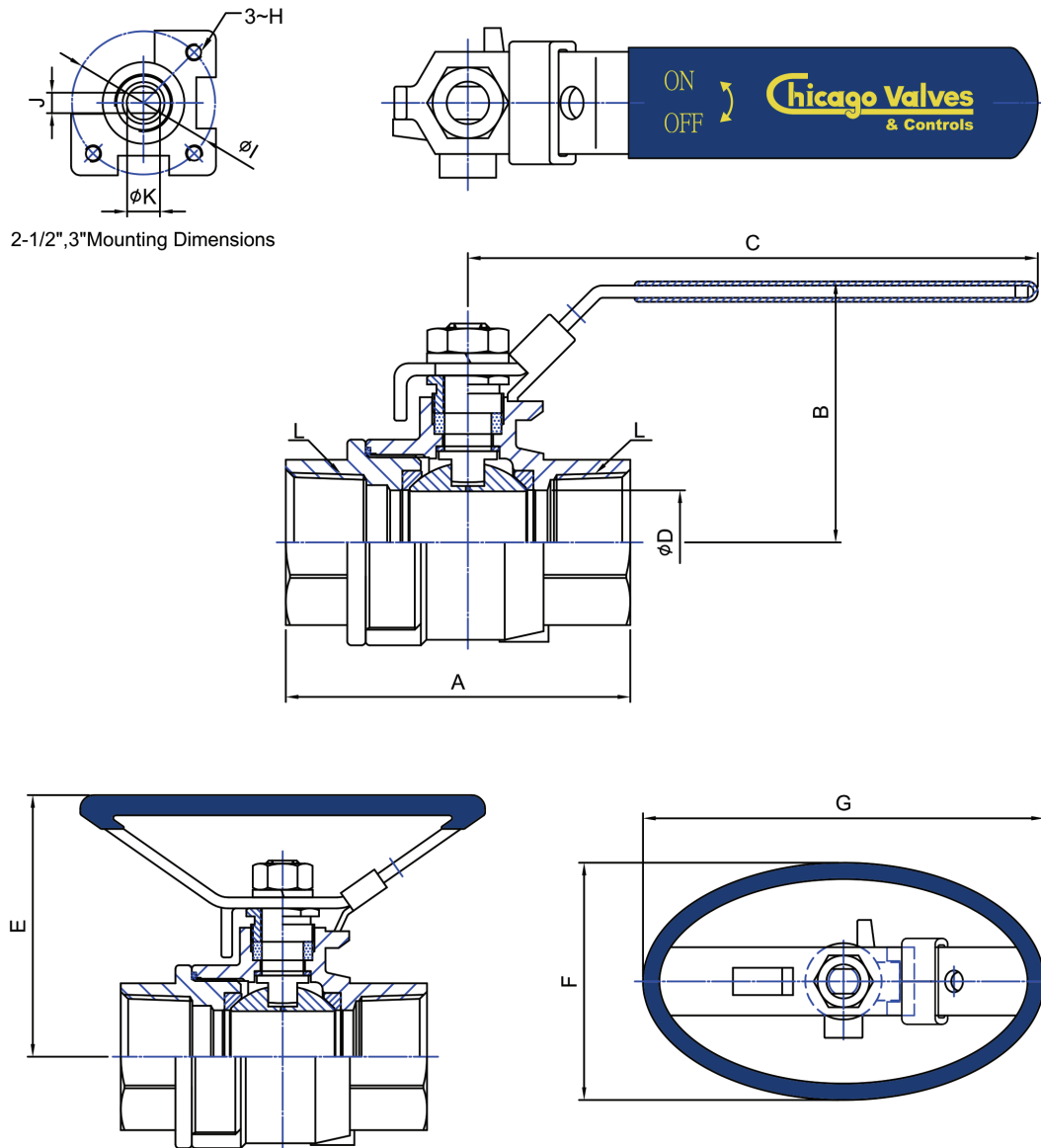
Series 20



PARTS AND 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	Stem	1	316 Stainless Steel
4A	Anti-Static Ball 2 1/2"-3"	2	300 Series Stainless Steel Hard Drawn Stainless Steel
5	Seat	2	RTFE
6	Body Seal	1	PTFE
7	Thrust Washer	1	Carbon Fill PTFE
8	Stem Packing	1 Set	PTFE
9	Packing Nut	1	304 Stainless Steel
10	Handle	1	304 Stainless Steel
11	Locking Pad	1	304 Stainless Steel
12	Handle Sleeve	1	PVC
13	Spring Washer	1	304 Stainless Steel
14	Nut	1	304 Stainless Steel

Series 20



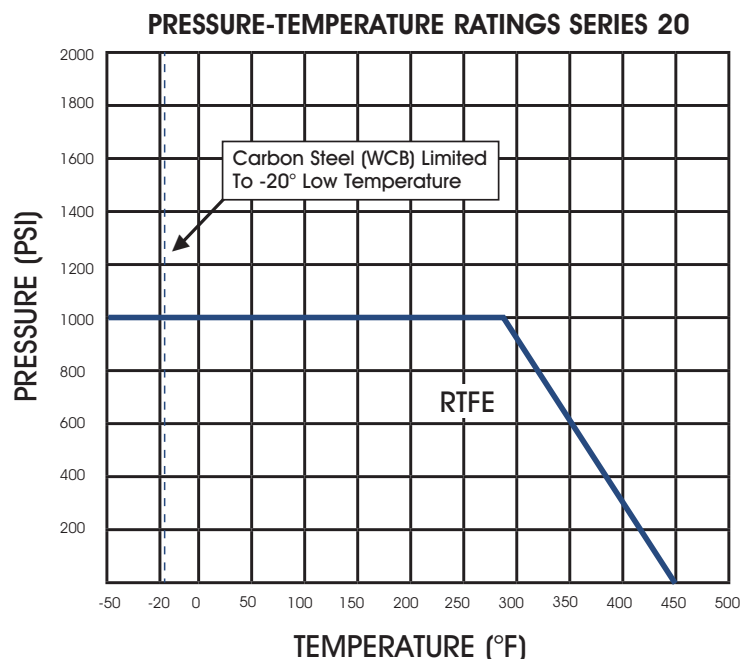
DIMENSIONS (INCHES)

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	ISO5211
1/4"	2.00	2.15	4.20	0.45	2.55	1.95	3.45	-	-	0.20	0.30	NPT	-
3/8"	2.00	2.15	4.20	0.50	2.55	1.95	3.45	-	-	0.20	0.30	NPT	-
1/2"	2.35	2.20	4.20	0.60	2.60	1.95	3.45	-	-	0.20	0.30	NPT	-
3/4"	2.80	2.40	5.05	0.80	3.20	2.75	4.70	-	-	0.25	0.40	NPT	-
1"	3.30	2.55	5.80	1.00	3.35	3.55	5.95	-	-	0.30	0.45	NPT	-
1-1/4"	3.85	2.75	5.80	1.25	3.55	3.55	5.95	-	-	0.30	0.45	NPT	-
1-1/2"	4.35	3.30	7.50	1.50	4.48	4.15	6.65	-	-	0.40	0.55	NPT	-
2"	5.30	3.60	7.50	2.00	4.78	4.15	6.65	-	-	0.40	0.55	NPT	-
2-1/2"	6.60	5.40	9.85	2.55	-	-	-	M8X1.25	2.75	0.50	0.75	NPT	F07
3"	7.55	5.85	9.85	3.00	-	-	-	M8X1.25	2.75	0.50	0.75	NPT	F07

APPLICABLE STANDARDS

SHELL TEST	ASME B16.34
SEAT TEST	ASME B16.34
THREADED ENDS	ASTM B16.11

SIZE	CV (GPM)	WEIGHT (LBS)
1/4"	10	0.55
3/8"	10	0.55
1/2"	16	0.66
3/4"	32	1.06
1"	62	1.65
1-1/4"	115	2.54
1-1/2"	140	4.19
2"	365	6.72
2-1/2"	450	15.12
3"	1100	24.25



HOW TO ORDER

1" Size	20 Series	6 Body 6 Ball & Stem	R Seats	OH Options
SIZE	SERIES	BODY	SEATS	OPTIONS
1/4"	20	6 316 Stainless Steel	R RTFE	OH Oval Handle
3/8"				
1/2"				
3/4"				
1"				
1 1/4"		BALL & STEM		
1 1/2"		6 316 Stainless Steel		
2"				
2 1/2"				
3"				

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& Controls**



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