



DIMENSIONS: INCHES/ mm

NPS DN	A	B	D	E	J	H	R	S	W
1/4"	2.80	1.46	1.10	.31	1.97	4.00	.31	.18	.75
8.0	71.12	37.08	28.0	7.87	50.0	101.6	7.87	4.57	19.0
3/8"	2.80	1.46	1.10	.31	1.97	4.00	.31	.18	.75
10.0	71.12	37.08	28.0	7.87	50.0	101.6	7.87	4.57	19.0
1/2"	2.80	1.46	1.10	.31	1.97	4.00	.31	.18	.75
15.0	71.12	37.08	28.0	7.87	50.0	101.6	7.87	4.57	19.0
3/4"	3.05	1.62	1.26	.50	2.01	4.00	.31	.18	.75
20.0	77.47	41.15	32.0	12.7	51.0	101.6	7.87	4.57	19.0
1"	3.75	1.97	1.61	.63	2.60	5.50	.50	.31	.88
25.0	95.25	50.04	41.0	16.0	66.0	139.7	12.7	7.87	22.3
1 1/4"	3.85	2.02	2.00	.81	2.76	5.50	.50	.31	.88
32.0	97.79	51.31	50.8	20.5	70.0	139.7	12.7	7.87	22.3
1 1/2"	4.12	2.16	2.32	1.00	3.35	6.00	.63	.37	.98
40.0	104.65	54.86	59.0	25.4	85.0	152.4	16.0	9.4	25.0
2"	4.67	2.41	2.77	1.25	3.54	6.00	.63	.37	.98
50.0	118.62	61.21	70.3	31.75	90.0	152.4	16.0	9.4	25

LET	ECN	REVISION	DRAWN	APPVD.	DATE
A	16852	CHANGED TITLE FROM MODEL B TO MODEL C	PJD		
B	41026	ADDED 1/2", 3/4", 1 1/4", 1 1/2" AND DIMENSIONS.	BC	BW	7-3-12
C	43529	ADDED 1/4" & 3/8" SIZES	PJD	KAS	2/29/16

MATERIALS LIST:

P/N	QTY	PART NAME		
1	1	BODY	A351-CF8M	A216-WCB
2	1	INSERT	316 SS	AISI-12L14
3	1	BALL	316 SS	316 SS
4	1	STEM	316 SS	316 SS
5	2	SEAT	PTFE/ FILLED PTFE	
7	1	STEM SEAL	GRAPHITE	GRAPHITE
8	2	STEM BEARING	FILLED PTFE	
9	1	STEM NUT	304 SS	304 SS
15	1	HANDLE	304 SS	A283 CS
16	2	STEM NUT, TOP	304 SS	304 SS
17	1	STEM WASHER(UPPER)	316 SS	316 SS
24	1	STEM WASHER(LOWER)	316 SS	316 SS

ⓑ NOTES:

- WORKING PRESSURE: 2000 psi W.O.G.
- TESTING PRESSURE:
SHELL: 3000 psi WATER
80 psi AIR
SEAT: 80 psi AIR

MATERIAL CODE	MATERIAL TYPE	MATERIAL SPECIFICATIONS	IDENT. MARK
	MAKE FROM PART NO.	INTERNAL	NONE
SPECIFICATIONS TO BE USED IN CONJUNCTION WITH THIS DRAWING		TITLE: 1/4" - 2" 33R ⓑ Ⓒ SERIES 3000 BALL VALVE MODEL C ⓐ	DRAWN: PJD DATE: 01-FEB-95 APPVD: RET DATE: 01-FEB-95
SHREWSBURY, MASSACHUSETTS		SIZE: B DWG NO: 5380	REV: C

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UNLESS OTHERWISE NOTED DIMENSIONING, TOLERANCING, & DRAWING INTERPRETATION IS IN ACCORDANCE WITH ASME Y14.5M
ANGLES = ±5° FINISH = 250
REMOVE SHARP EDGES AND CORNERS TO .02 - .03 RADIUS OR CHAMFER, DIMENSIONS IN INCHES.

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