

BMS 30 - ASME B16.20 Type "BX" RTJ's
 Dimensions & Tolerances

Issued by:	A D Senior
Date:	1st Jan 2011
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Ring Number	Nominal Size	Outside Diameter Of Ring OD	Height Of Ring H	Width Of Ring A	Outside Diameter Of Flat ODT	Width Of Flat C	Hole Size D (SEE NOTE 1)
		Tolerances					
		+ 0 / - 0.15	+ 0.2 / - 0	+ 0.2 / - 0	+ / - 0.05	+ 0.15 / - 0	+ / - 0.5
BX-150	43	72.19	9.30	9.30	70.87	7.98	1.5
BX-151	46	76.40	9.63	9.63	75.03	8.26	1.5
BX-152	52	84.68	10.24	10.24	83.24	8.79	1.5
BX-153	65	100.94	11.38	11.38	99.31	9.78	1.5
BX-154	78	116.84	12.40	12.40	115.09	10.64	1.5
BX-155	103	147.96	14.22	14.22	145.95	12.22	1.5
BX-156	179	237.92	18.62	18.62	235.28	15.98	3.0
BX-157	229	294.46	20.98	20.98	291.49	18.01	3.0
BX-158	279	352.04	23.14	23.14	348.77	19.86	3.0
BX-159	346	426.72	25.70	25.70	423.09	22.07	3.0
BX-160	346	402.59	23.83	13.74	399.21	10.36	3.0
BX-161	422	491.41	28.07	16.21	487.45	12.24	3.0
BX-162	422	475.49	14.22	14.22	473.48	12.22	1.5
BX-163	476	556.16	30.10	17.37	551.89	13.11	3.0
BX-164	476	570.56	30.10	24.59	566.29	20.32	3.0
BX-165	540	624.71	32.03	18.49	620.19	13.97	3.0
BX-166	540	640.03	32.03	26.14	635.51	21.62	3.0
BX-167	680	759.36	35.86	13.11	754.28	8.03	1.5
BX-168	680	765.25	35.86	16.05	760.17	10.97	1.5
BX-169	130	173.51	15.85	12.93	171.27	10.69	1.5
BX-170	168	218.03	14.22	14.22	216.03	12.22	1.5
BX-171	218	267.44	14.22	14.22	265.43	12.22	1.5
BX-172	283	333.07	14.22	14.22	331.06	12.22	1.5
BX-303	762	852.75	37.95	16.97	847.37	11.61	1.5

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- (a) All dimensions are in millimetres.
 (b) Radius R, shall be 8% to 12% of the gasket height H.
 (c) Tolerances:

H - Height of ring, + 0.2 / - 0 -- Variation in height throughout the entire circumference of any ring shall not exceed 0.1 within these tolerances.

A - Width of ring, + 0.2 / - 0 -- Variation in height throughout the entire circumference of any ring shall not exceed 0.1 within these tolerances.

R - Radius of ring (see general note (b)).

23 Degree Angle, + / - 0 Degrees 15 minutes.

NOTE:

(1)

One pressure passage hole is required per gasket illustrated.
 The centreline of the hole shall be located at the midpoint of dimension C.

