

BMS 29 - ASME B16.20 Type "RX" RTJ's
 Dimensions & Tolerances

 Issued by: A D Senior
 Date: 1st Jan 2011
 Page: 1 of 2

Ring Number	Outside Diameter Of Ring OD	Height Of Ring A	Width Of Flat C	Height Of Outside Bevel D	Height Of Ring H	Radius In Octagonal RING R1	Hole Size E (NOTE 1)
	Tolerances						
	+ 0.5 / - 0	+ 0.2 / - 0	+ 0.15 / - 0	+ 0 / - 0.76	+ 0.2 / - 0	+ / - 0.5	+ 0.5 / - 0
RX-20	76.20	8.74	4.62	3.18	19.05	1.5	---
RX-23	93.27	11.91	6.45	4.24	25.40	1.5	---
RX-24	105.97	11.91	6.45	4.24	25.40	1.5	---
RX-25	109.55	8.74	4.62	3.18	19.05	1.5	---
RX-26	111.91	11.91	6.45	4.24	25.40	1.5	---
RX-27	118.26	11.91	6.45	4.24	25.40	1.5	---
RX-31	134.54	11.91	6.45	4.24	25.40	1.5	---
RX-35	147.24	11.91	6.45	4.24	25.40	1.5	---
RX-37	159.94	11.91	6.45	4.24	25.40	1.5	---
RX-39	172.64	11.91	6.45	4.24	25.40	1.5	---
RX-41	191.69	11.91	6.45	4.24	25.40	1.5	---
RX-44	204.39	11.91	6.45	4.24	25.40	1.5	---
RX-45	221.84	11.91	6.45	4.24	25.40	1.5	---
RX-46	222.25	13.49	6.68	4.78	28.58	1.5	---
RX-47	245.26	19.84	10.34	6.88	41.28	2.3	---
RX-49	280.59	11.91	6.45	4.24	25.40	1.5	---
RX-50	283.36	16.66	8.51	5.28	31.75	1.5	---
RX-53	334.57	11.91	6.45	4.24	25.40	1.5	---
RX-54	337.34	16.66	8.51	5.28	31.75	1.5	---
RX-57	391.72	11.91	6.45	4.24	25.40	1.5	---
RX-63	441.73	27.00	14.78	8.46	50.80	2.3	---
RX-65	480.62	11.91	6.45	4.24	25.40	1.5	---
RX-66	457.99	16.66	8.51	5.28	31.75	1.5	---
RX-69	544.12	11.91	6.45	4.24	25.40	1.5	---
RX-70	550.06	19.84	10.34	6.88	41.28	2.3	---
RX-73	596.11	13.49	6.68	5.28	31.75	1.5	---
RX-74	600.86	19.84	10.34	6.88	41.28	2.3	---
RX-82	67.87	11.91	6.45	4.24	25.40	1.5	1.5
RX-84	74.22	11.91	6.45	4.24	25.40	1.5	1.5
RX-85	90.09	13.49	6.68	4.24	25.40	1.5	1.5
RX-86	103.58	15.09	8.51	4.78	28.58	1.5	2.3
RX-87	113.11	15.09	8.51	4.78	28.58	1.5	2.3
RX-88	139.29	17.48	10.34	5.28	31.75	1.5	3.0
RX-89	129.77	18.26	10.34	5.28	31.75	1.5	3.0
RX-90	174.63	19.84	12.17	7.42	44.45	2.3	3.0
RX-91	286.94	30.18	19.81	7.54	45.24	2.3	3.0
RX-99	245.67	11.91	6.45	4.24	25.40	1.5	---
RX-201	51.46	5.74	3.20	1.45	11.30	0.5 (3)	---

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	Tolerances						
	+ 0.5 / - 0	+ 0.2 / - 0	+ 0.15 / - 0	+ 0 / - 0.76	+ 0.2 / - 0	+ / - 0.5	+ 0.5 / - 0
RX-205	62.31	5.56	3.05	1.83 (2)	11.10	0.5 (3)	---
RX-210	97.64	9.53	5.41	3.18 (2)	19.05	0.8 (3)	---
RX-215	140.89	11.91	5.33	4.24 (2)	25.40	1.5 (3)	---

23 Deg - Angle, + / - 0 Degrees 30 minutes.

General Notes:

- (1) Rings RX-82 through RX-91 only require one pressure passage release hole as illustrated. The centreline of the hole shall be located at the midpoint of dimension C.
- (2) Tolerance on these dimensions is + 0 / - 0.38.
- (3) Tolerance on these dimensions is + 0.5 / - 0.

