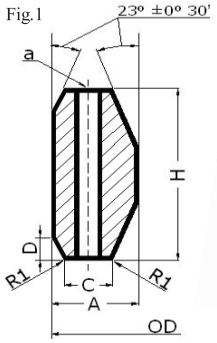
Ring Gasket Type RX

TYPE "RX" Ring Gaskets - according to *ASME B16.20*
TYPE RX Pressure Energized Ring Gasket - according to API 6A

NOMINAL PIPE SIZE / NOMINAL PRESSURE API 6B				RING NUMBER	OUTSIDE DIA. OF RING OD +0.50, 0	ID	HEIGHT OF RING H (7) +0.20, -0.0	WIDTH OF RING A (7) +0.20, -0.0	WIDTH OF FLAT C +0.15, -0.0	HEIGHT OF OUTSIDE BEVEL D -0.80, +0.0	RADIUS IN RING R_1 ±0.50	HOLE DIAMETER a +0.50, 0	WEIGHT OCTA Kgs.
720-960 2000psi (6)	2900 psi (6)	3000 psi	5000 psi										
1½		1½	1½	Rx 20	76.20	58.72	19.05	8.74	4.62	3.18	1.5	N/A	0.24
2				Rx 23	93.27	69.44	25.40	11.91	6.45	4.24	1.5	N/A	0.52
		2	2	Rx 24	105.97	82.14	25.40	11.91	6.45	4.24	1.5	N/A	0.60
			3⅛	Rx 25	109.55	92.08	19.05	8.74	4.62	3.18	1.5	N/A	0.50
2½				Rx 26	111.91	88.09	25.40	11.91	6.45	4.24	1.5	N/A	0.64
		2½	2½	Rx 27	118.26	94.44	25.40	11.91	6.45	4.24	1.5	N/A	0.68
3		3		Rx 31	134.54	110.72	25.40	11.91	6.45	4.24	1.5	N/A	0.78
			3	Rx 35	147.24	123.42	25.40	11.91	6.45	4.24	1.5	N/A	0.86
4		4		Rx 37	159.94	136.12	25.40	11.91	6.45	4.24	1.5	N/A	0.95
			4	Rx 39	172.64	148.82	25.40	11.91	6.45	4.24	1.5	N/A	1.03
5		5		Rx 41	191.69	167.87	25.40	11.91	6.45	4.24	1.5	N/A	1.15
			5	Rx 44	204.39	180.57	25.40	11.91	6.45	4.24	1.5	N/A	1.23
6		6		Rx 45	221.84	198.02	25.40	11.91	6.45	4.24	1.5	N/A	1.34
			6	Rx 46	222.25	195.28	28.58	13.49	6.68	4.78	1.5	N/A	1.66
			8 (6)	Rx 47	245.26	205.59	41.28	19.84	10.34	6.88	2.3	N/A	3.88
8		8		Rx 49	280.59	256.77	25.40	11.91	6.45	4.24	1.5	N/A	1.72
			8	Rx 50	283.36	250.04	31.75	16.66	8.51	5.28	1.5	N/A	2.43
10		10		Rx 53	334.57	310.74	25.40	11.91	6.45	4.24	1.5	N/A	2.06
			10	Rx 54	337.34	304.01	31.75	16.66	8.51	5.28	1.5	N/A	2.92
12		12		Rx 57	391.72	367.89	25.40	11.91	6.45	4.24	1.5	N/A	2.42
			14	Rx 63	441.73	387.73	50.80	27.00	14.78	8.46	2.3	N/A	11.96
16				Rx 65	480.62	456.79	25.40	11.91	6.45	4.24	1.5	N/A	3.00
		16		Rx 66	*483.39*	*450.07*	31.75	16.66	8.51	5.28	1.5	N/A	4.25
18				Rx 69	544.12	520.29	25.40	11.91	6.45	4.24	1.5	N/A	3.41
		18		Rx 70	550.06	510.39	41.28	19.84	10.34	6.88	2.3	N/A	9.12
20				Rx 73	596.11	569.14	31.75	13.49	6.68	5.28	1.5	N/A	5.27
		20		Rx 74	600.86	561.19	41.28	19.84	10.34	6.88	2.3	N/A	10.01
	1			Rx 82 (2)	67.87	44.04	25.40	11.91	6.45	4.24	1.5	1.5	0.36
	1½			Rx 84 (2)	74.22	50.39	25.40	11.91	6.45	4.24	1.5	1.5	0.40
	2			Rx 85 (2)	90.09	63.12	25.40	13.49	6.68	4.24	1.5	1.5	0.40
	2½			Rx 86 (2)	103.58	73.41	28.58	15.09	8.51	4.78	1.5	2.4	0.81
	3			Rx 87 (2)	113.11	82.93	28.58	15.09	8.51	4.78	1.5	2.4	0.90
	4			Rx 88 (2)	139.29	104.34	31.75	17.48	10.34	5.28	1.5	3.0	1.46
	3½			Rx 89 (2)	129.77	93.24	31.75	18.26	10.34	5.28	1.5	3.0	3.09
	5			Rx 90 (2)	174.63	134.95	44.45	19.84	12.17	7.42	2.3	3.0	7.75
	10			Rx 91 (2)	286.94	226.59	45.24	30.18	19.81	7.54	2.3	3.0	1.50
8 (6)		8 (6)		Rx 99	245.67	221.84	25.40	11.91	6.45	4.24	1.5	N/A	2.20
			1⅜	Rx 201	51.46	39.98	11.30	5.74	3.20	1.45 (3)	0.5 (4)	N/A	0.10
			1-13/16	Rx 205	62.31	51.18	11.10	5.56	3.05	1.83 (3)	0.5 (4)	N/A	0.13
			2-9/16	Rx 210	97.64	78.59	19.05	9.53	5.41	3.18 (3)	0.8 (4)	N/A	0.35
			4-1/16	Rx 215	140.89	117.07	25.40	11.91	5.33	4.24 (3)	1.5 (4)	N/A	0.80

NOTE:
1) All 23° surfaces on R and RX gaskets shall have a surface finish no rougher than 1.6µm *Ra* (63 µin RMS).
2) One pressure-passage hole illustrated in Fig.1 < a >. Centerline of hole shall be located at midpoint of dimension "C".
3) Tolerance on these dimensions is +0, -0.38
4) Tolerance on these dimensions is +0.50, -0
5) Class 720, 960 and 2,900 flanges to API 6B are obsolete. Data is for information only.
6) Crossover flange connection.
7) A plus tolerance of 0.20 mm for width "A" and height "*H*" is permitted, provided the variation in width or height of any ring does not exceed 0.10 mm throughout its entire circumference.
8) Flatness shall be flat within a tolerance of 0.2% of ring outside diameter to a maximum of 0.38mm (0.015 in).

Fig.1



Dimensions in millimetres