STYLE RX

The Style RX is an adaptation of the standard Style R which energizes on assembly. The RX is designed to fit the same groove design as a standard Style R, making the joints interchangeable.

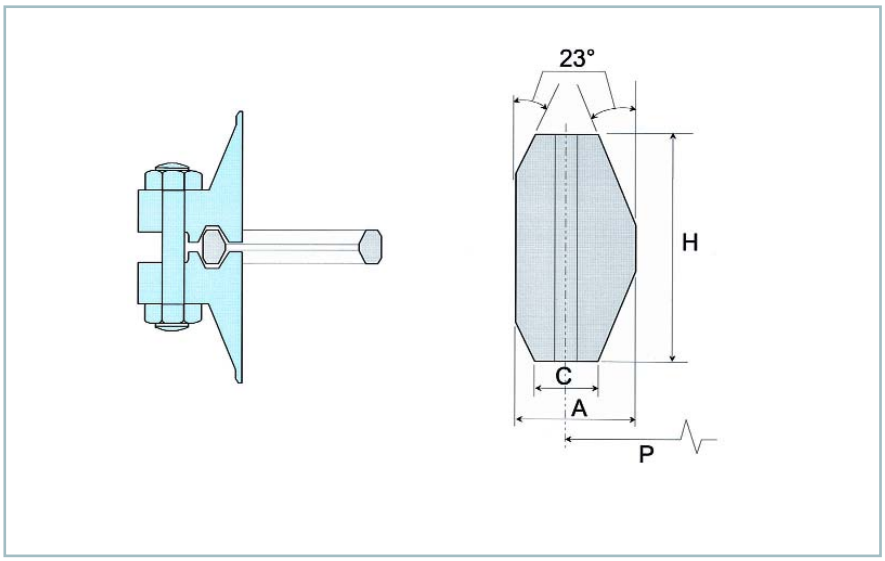
Consideration should be given to the difference in finished make-up distance.

The modified design uses an energizing on assembly effect which improves the efficiency of the seal.

Designs are also available for Subsea applications.

Style RX

DIMENSIONAL DATA – STYLE RX



TOLERANCES: (INCHES)

A* (width of ring)	+0.008,-0.000
H* (height of ring)	+0.008,-0.000
OD (od of ring)	+0.020,-0.000
23° (angle)	± 1/2°

*A plus tolerance of 0.008 inches for width 'A' and height 'H' is permitted, provided the variation in width or height does not exceed 0.004 inches throughout its entire circumference.

NOTE 1:
The pressure passage hole illustrated in the Ring Type Joint cross section ensures equalization of pressure which may be trapped in the grooves, it is in rings RX82 through RX91 only. Center line of hole shall be located at mid point of dimension "c" (width of flat). Hole diameter shall be as follows:

0.06 inches for rings RX82 through RX85;
0.09 inches for rings RX86 and RX87;
0.12 inches for rings RX88 through RX91.

STYLE RX

Dimensions in inches

NO.	PRESSURE CLASS RATING (PSI) 2000	3000	5000	PITCH DIAMETER OF RING P	OUTSIDE DIAMETER OF RING OD	WIDTH OF RING A	HEIGHT OF RING H	WEIGHT, lbs.
	NOMINAL PIPE SIZE (INCHES)							
RX20	–	–	–	68.26	76.20	8.73	19.05	0.527
RX20†	–	–	2 1/16	68.26	76.20	8.73	19.05	0.527
RX23	2 1/16	–	–	82.55	93.27	11.91	25.40	1.15
RX24	–	2 1/16	2 1/16	95.25	105.97	11.91	25.40	1.33
RX25†	–	–	3 1/8	101.60	109.54	8.73	19.05	1.42
RX26	2 9/16	–	–	101.60	111.92	11.91	25.40	1.50
RX27	–	2 9/16	2 9/16	107.95	118.27	11.91	25.40	1.73
RX31	3 1/8	3 1/8	–	123.83	134.54	11.91	25.40	1.91
RX35	–	–	3 1/8	136.53	147.24	11.91	25.40	2.09
RX37	4 1/16	4 1/16	–	149.23	159.94	11.91	25.40	2.27
RX39	–	–	4 1/16	161.93	172.64	11.91	25.40	2.54
RX41	–	–	–	180.98	191.69	11.91	25.40	2.72
RX44	–	–	–	193.68	204.39	11.91	25.40	2.96
RX45	7 1/16	7 1/16	–	211.14	211.93	11.91	25.40	3.66
RX46	–	–	7 1/16	211.14	222.25	13.49	28.58	8.56
RX47	–	–	–	228.60	245.27	19.84	41.28	3.79
RX49	9	9	–	269.88	280.59	11.91	25.40	5.36
RX50	–	–	9	269.88	283.37	16.67	31.75	4.56
RX53	11	11	–	323.85	334.57	11.91	25.40	6.45
RX54	–	–	11	323.85	337.34	16.67	31.75	5.36
RX57	13 5/8	13 5/8	–	381.00	391.72	11.91	25.40	26.40
RX63	–	–	–	419.10	441.72	26.99	50.80	6.63
RX65	16 3/4	–	–	469.90	480.62	11.91	25.40	9.39
RX66	–	16 3/4	–	469.90	483.39	16.67	31.75	7.52
RX69	–	–	–	533.40	544.12	11.91	25.40	20.14
RX70	–	–	–	533.40	550.07	19.84	41.28	11.63
RX73	21 1/4	–	–	584.20	596.11	13.49	31.75	22.10
RX74	–	20 3/4	–	584.20	600.87	19.84	41.28	0.790
RX82	–	–	–	57.15	67.87	11.91	25.40	0.880
RX84	–	–	–	63.50	74.22	11.91	25.40	0.880
RX85	–	–	–	79.38	90.09	13.49	25.40	1.79
RX86	–	–	–	90.49	103.58	15.08	28.58	1.98
RX87	–	–	–	100.01	113.11	15.08	28.58	3.22
RX88	–	–	–	123.83	139.30	17.46	31.75	2.98
RX89	–	–	–	114.30	129.78	18.26	31.75	6.82
RX90	–	–	–	155.58	174.63	19.84	44.45	17.10
RX91	–	–	–	260.35	286.94	30.16	45.24	3.31
* **RX99**	–	–	–	234.95	245.67	11.91	25.40	–
RX201†	–	–	1 3/8	46.04	46.04	5.74	11.30	–
* **RX205†**	–	–	1 13/16	57.15	62.31	5.56	11.10	–
* **RX210†**	–	–	2 9/16	88.90	97.63	9.53	19.05	–
* **RX215**	–	–	4 1/16	130.18	140.89	11.91	25.40	–
* **RX215†**	–	–	4 1/16 x 4 1/4	130.18	140.89	11.91	25.40	

* *API allows more liberal tolerances on RX 201–215*

† *Denotes API Ring Type Joint gaskets for segmented flanges for dual completions to API Standard 6A.*

Designs are also available for Subsea applications.