



Technical features

- Single seal
- Unbalanced
- Spring enclosed
- Elastomer bellows

Operating limits

P = 174 PSI
T = -95 to 320°F
V = 32 ft/s

Description	Materials
Primary rings	silicon carbide, tungsten carbide, carbon graphite
Mating rings	silicon carbide, ceramic, carbon graphite, stainless
Secondary seals	NBR, EPDM, Viton
Metal parts	Stainless 304 / Stainless 316*

* upon request

Available products:

- New York 1 (NY1)
- New York 2 (NY2)
- New York 3 (NY3)
- New York 4 (NY4)

Mating rings

- US1 (to DIN 24960, standard for NY1, NY2, NY3)
- US2 (standard for NY4)
- US5, US6, US7 (to DIN 24960)
- US3

For more details on mating rings see page 29

d	D	NY1 L	NY2 L1	NY3 L2	NY4 L3	US1 D1	US1 L5	US2 D2	US2 L6
10	22.5	14.5	25.9	33.4	25.0	21.0	6.6	24.6	9.0
12	25.0	15.0	25.9	33.4	25.0	23.0	6.6	27.8	9.0
14	28.5	17.0	28.4	33.4	25.0	25.0	6.6	31.0	10.5
15	28.5	17.0	28.4	33.4	25.0	27.0	6.6	31.0	10.5
16	28.5	17.0	28.4	33.4	25.0	27.0	6.6	31.0	10.5
18	32.0	19.5	30.0	37.5	25.0	33.0	7.5	34.2	10.5
20	37.0	21.5	30.0	37.5	25.0	35.0	7.5	35.7	10.5
22	37.0	21.5	30.0	37.5	25.0	37.0	7.5	37.3	10.5
24	42.5	22.5	32.5	42.5	25.0	39.0	7.5	40.5	10.5
25	42.5	23.0	32.5	42.5	25.0	40.0	7.5	40.5	10.5
28	49.0	26.5	35.0	42.5	33.0	43.0	7.5	47.7	12.0
30	49.0	26.5	35.0	42.5	33.0	45.0	7.5	50.8	12.0
32	53.5	27.5	35.0	47.5	33.0	48.0	7.5	50.8	12.0
33	53.5	27.5	35.0	47.5	33.0	48.0	7.5	54.0	12.0
35	57.0	28.5	35.0	47.5	33.0	50.0	7.5	54.0	12.0
38	59.0	30.0	36.0	46.0	33.0	56.0	9.0	57.2	12.0
40	62.0	30.0	36.0	46.0	33.0	58.0	9.0	60.4	12.0
42	65.5	30.0	36.0	51.0	41.0	61.0	9.0	63.5	12.0
43	65.5	30.0	36.0	51.0	41.0	61.0	9.0	63.5	12.0
45	68.0	30.0	36.0	51.0	41.0	63.0	9.0	63.5	12.0
48	70.5	30.5	36.0	51.0	41.0	66.0	9.0	66.7	12.0
50	74.0	30.5	38.0	50.5	41.0	70.0	9.5	69.9	13.5
53	78.5	33.0	36.5	59.0	41.0	73.0	11.0	73.1	13.5
55	81.0	35.0	36.5	59.0	41.0	75.0	11.0	76.2	13.5
58	85.5	37.0	41.5	59.0	41.0	78.0	11.0	79.4	13.5
60	88.5	38.0	41.5	59.0	41.0	80.0	11.0	79.4	13.5
65	93.5	40.0	41.5	69.0	49.0	85.0	11.0	92.1	16.0
68	96.5	40.0	41.5	68.7	49.0	90.0	11.3	95.3	16.0
70	99.5	40.0	48.7	68.7	49.0	92.0	11.3	95.3	16.0
75	107.0	40.0	48.7	68.7	52.0	97.0	11.3	101.6	16.0
80	112.0	40.0	48.0	78.0	56.0	105.0	12.0	114.3	20.0
85	120.0	41.0	46.0	76.0	56.0	110.0	14.0	117.5	20.0
90	127.0	45.0	51.0	76.0	59.0	115.0	14.0	123.9	20.0
95	132.0	46.0	51.0	76.0	59.0	120.0	14.0	127.0	20.0
100	137.0	47.0	51.0	76.0	62.0	125.0	14.0	133.4	20.0