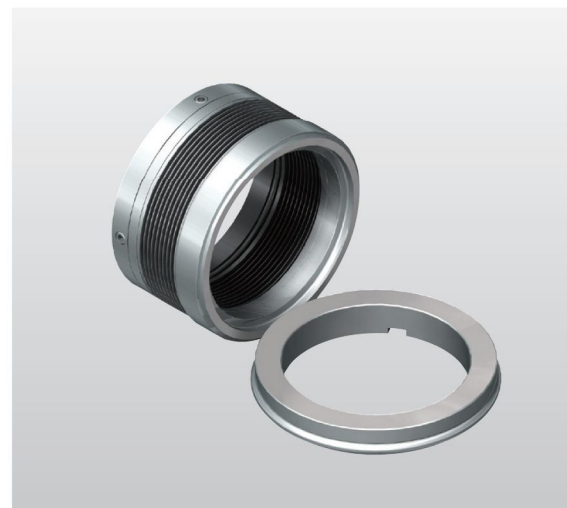




Operating Limits

- Rotary Ring(SiC/Carbon/TC)
- Stationary Ring(SiC/TC)
- Secondary Seal(VITON/Encapsulated Ring/PTFE)
- Metal Bellows(SUS316L/AM350/Inconel718 /Titanium/Hastelloy-C/Alloy-20)
- Other Parts(SUS304/SUS316/Titanium/Hastelloy-C)

d (mm)	d ₃	d ₆	d ₇	d ₈	d _e	d ₄	l _{1k}	l ₃	l ₅	l ₆	l ₈	l ₉	l ₁₈	l ₁₉	S	B
16	30.0	23	27	3	25.0	38	42.5	32.5	1.5	4	17.5	10.0	\	\	1.6	9.0
18	32.0	27	33	3	28.0	39	37.5	30.5	2.0	5	14.0	11.5	15.0	7.0	1.6	10.0
20	33.5	29	35	3	29.5	41	37.5	30.5	2.0	5	14.0	11.5	15.0	7.0	1.6	10.0
22	36.5	31	37	3	32.0	44	37.5	30.5	2.0	5	14.0	11.5	15.0	7.0	1.6	10.0
24	39.0	33	39	3	34.5	47	40.0	28.5	2.0	5	19.5	11.5	15.0	7.0	1.6	8.2
25	39.6	34	40	3	35.5	48	40.0	28.5	2.0	5	19.5	11.5	15.0	7.0	1.6	8.5
28	42.8	37	43	3	38.5	51	42.5	31.0	2.0	5	19.5	11.5	15.0	7.0	1.6	9.0
30	45.0	39	45	3	40.5	53	42.5	31.0	2.0	5	19.5	11.5	15.0	7.0	1.6	8.5
32	46.0	42	48	3	42.0	55	42.5	31.0	2.0	5	19.5	11.5	15.0	7.0	1.6	9.2
33	48.0	42	48	3	43.0	56	42.5	31.0	2.0	5	19.5	11.5	15.0	7.0	1.6	9.2
35	49.2	44	50	3	45.5	58	42.5	31.0	2.0	5	19.5	11.5	15.0	7.0	1.6	9.5
38	52.3	49	56	4	48.0	61	45.0	31.0	2.0	6	22.0	14.0	16.0	8.0	1.6	9.2
40	55.5	51	58	4	50.0	64	45.0	31.0	2.0	6	22.0	14.0	16.0	8.0	1.6	9.2
43	57.5	54	61	4	53.0	67	45.0	31.0	2.0	6	22.0	14.0	16.0	8.0	1.6	9.2
45	58.7	56	63	4	55.0	69	45.0	31.0	2.0	6	22.0	14.0	16.0	8.0	1.6	9.5
48	61.9	59	66	4	58.0	72	45.0	31.0	2.0	6	22.0	14.0	16.0	8.0	1.6	9.2
50	65.0	62	70	4	60.5	74	47.5	32.5	2.5	6	23.0	15.0	17.0	9.5	1.6	10.5
53	68.2	65	73	4	64.0	77	47.5	32.5	2.5	6	23.0	15.0	17.0	9.5	1.6	10.5
55	70.0	67	75	4	65.5	80	47.5	32.5	2.5	6	23.0	15.0	17.0	9.5	1.6	10.0
58	71.7	70	78	4	67.0	83	52.5	37.5	2.5	6	23.0	15.0	18.0	10.5	3.0	14.0
60	74.6	72	80	4	69.5	85	52.5	37.5	2.5	6	23.0	15.0	18.0	10.5	3.0	14.0
63	79.0	75	83	4	72.5	88	52.5	37.5	2.5	6	23.0	15.0	18.0	10.5	3.0	14.0
65	84.1	77	85	4	78.0	95	52.5	37.5	2.5	6	23.0	15.0	18.0	10.5	3.0	14.0
68	87.3	81	90	4	82.0	96	52.5	34.5	2.5	7	26.0	18.0	18.5	11.0	1.6	10.0
70	87.3	83	92	4	81.0	96	60.0	42.0	2.5	7	26.0	18.0	19.0	11.5	3.0	17.0
75	95.0	88	97	4	87.0	104	60.0	42.0	2.5	7	26.0	18.0	19.0	11.5	3.0	16.0
80	98.4	95	105	4	91.0	109	60.0	41.8	3.0	7	26.2	18.0	19.0	11.5	3.0	16.0
85	104.7	100	110	4	96.0	114	60.0	41.8	3.0	7	26.2	18.0	19.0	11.5	3.0	16



Operating Limits

- Rotary Ring(SiC/Carbon/TC)
- Stationary Ring(SiC/TC)
- Secondary Seal(Encapsulated Ring/Flexible Carbon)
- Metal Bellows(SUS316L/AM350/Inconel718/Titanium/Hastelloy-C/Alloy-20)
- Other Parts(SUS304/SUS316/Titanium/Hastelloy-C)

d (mm)	d ₃	d ₆	d ₇	d ₈	l ₁	l ₃	l ₅	l ₆	l ₇	l ₈	l ₉	l ₁₈	l ₁₉
16	38	29.0	35.0	3	58.0	46.5	2.0	5	9	19.5	11.5	\	\
18	40	31.0	37.0	3	58.0	46.5	2.0	5	9	19.5	11.5	15.0	7.0
20	42	34.0	40.0	3	58.0	46.5	2.0	5	9	19.5	11.5	15.0	7.0
22	44	37.0	43.0	3	58.0	46.5	2.0	5	9	19.5	11.5	15.0	7.0
24	46	37.0	43.0	3	58.0	46.5	2.0	5	9	19.5	11.5	15.0	7.0
25	47	39.0	45.0	3	58.0	46.5	2.0	5	9	19.5	11.5	15.0	7.0
28	50	42.0	48.0	3	58.0	46.5	2.0	5	9	19.5	11.5	15.0	7.0
30	52	44.0	50.0	3	58.0	46.5	2.0	5	9	19.5	11.5	15.0	7.0
32	54	49.0	56.0	4	60.5	46.5	2.0	6	9	22.0	14.0	15.0	7.0
33	55	49.0	56.0	4	60.5	46.5	2.0	6	9	22.0	14.0	15.0	7.0
35	57	51.0	58.0	4	60.5	46.5	2.0	6	9	22.0	14.0	15.0	7.0
38	60	54.0	61.0	4	60.5	46.5	2.0	6	9	22.0	14.0	16.0	8.0
40	66	56.0	63.0	4	61.5	47.5	2.0	6	9	22.0	14.0	16.0	8.0
43	69	59.0	66.0	4	61.5	47.5	2.0	6	9	22.0	14.0	16.0	8.0
45	71	62.0	70.0	4	62.5	47.5	2.5	6	9	23.0	15.0	16.0	8.0
48	74	65.0	73.0	4	62.5	47.5	2.5	6	9	23.0	15.0	16.0	8.0
50	76	67.0	75.0	4	62.5	47.5	2.5	6	9	23.0	15.0	17.0	9.5
53	79	70.0	78.0	4	62.5	47.5	2.5	6	9	23.0	15.0	17.0	9.5
55	81	72.0	80.0	4	62.5	47.5	2.5	6	9	23.0	15.0	17.0	9.5
58	85	75.0	83.0	4	68.0	53.0	2.5	6	9	23.0	15.0	18.0	10.5
60	87	77.0	85.0	4	68.0	53.0	2.5	6	9	23.0	15.0	18.0	10.5
63	90	81.0	90.0	4	71.0	53.0	2.5	7	9	26.0	18.0	18.0	10.5
65	92	83.0	92.0	4	71.0	53.0	2.5	7	9	26.0	18.0	18.0	10.5
68	95	88.0	97.0	4	71.0	53.0	2.5	7	9	26.0	18.0	18.5	11.0
70	97	88.0	97.0	4	71.0	53.0	2.5	7	9	26.0	18.0	19.0	11.5
75	102	95.0	105.0	4	71.0	52.8	3.0	7	9	26.2	18.2	19.0	11.5
80	107	100.0	110.0	4	71.0	52.8	3.0	7	9	26.2	18.2	19.0	11.5
85	112	105.0	115.0	4	71.0	52.8	3.0	7	9	26.2	18.2	19.0	11.5
90	117	110.0	120.0	4	71.0	53.8	3.0	7	9	25.2	17.2	20.5	13.0
95	122	115.0	125.0	4	71.0	53.8	3.0	7	9	25.2	17.2	20.5	13.0
100	127	122.2	134.3	5	74.0	54.0	3.0	9	11	30.0	20.0	20.5	13.0