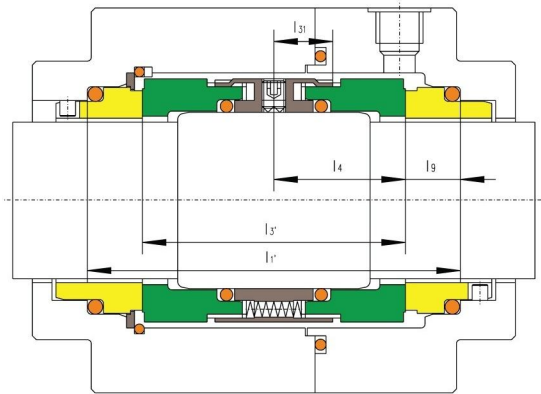




TSDGS-B02



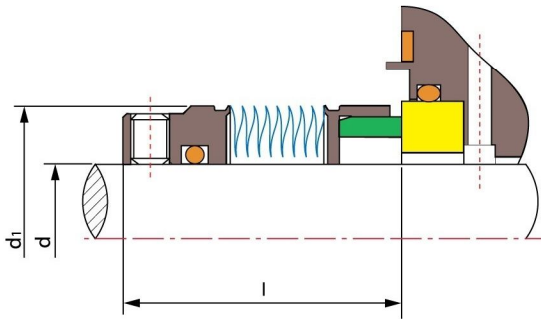
TSDGS-B02

Operating Limits

Pressure: $p_1 \leq 2.3\text{MPa}$ $p_3 < 2.5\text{Mpa}$
Speed: $\leq 25\text{m/s}$
Temperature: $-20^\circ\text{C} \sim 260^\circ\text{C}$

- Rotary Ring(SiC/TC)
- Stationary Ring(Carbon/SiC)
- Secondary Seal(VITON/Kalrez)
- Other Parts(C-276/Duplex/SUS316)

d ₁	d ₂	d ₃	d ₆	d ₇	d ₈	l _{1k}	l _{1'}	l ₂	l ₃	l _{3'}	l ₄	l ₅	l ₆	l ₇	l ₈	l ₉	l ₃₁	f	mx
28	33	48	37	43	3	50	89	20	38.5	66	33	2	5	9	19.5	11.5	16.5	5	M6
30	35	50	39	45	3	50	89	20	38.5	66	33	2	5	9	19.5	11.5	16.5	5	M6
32	38	55	42	48	3	50	89	20	38.5	66	33	2	5	9	19.5	11.5	16.5	5	M6
33	38	55	42	48	3	50	89	20	38.5	66	33	2	5	9	19.5	11.5	16.5	5	M6
35	40	57	44	50	3	50	89	20	38.5	66	33	2	5	9	19.5	11.5	16.5	5	M6
38	43	60	49	56	4	52.5	95	23	38.5	67	33.5	2	6	9	22	14	16.5	5	M6
40	45	62	51	58	4	52.5	95	23	38.5	67	33.5	2	6	9	22	14	16.5	5	M6
43	48	65	54	61	4	52.5	95	23	38.5	67	33.5	2	6	9	22	14	16.5	5	M6
45	50	67	56	63	4	52.5	95	23	38.5	67	33.5	2	6	9	22	14	16.5	5	M6
48	53	70	59	66	4	52.5	95	23	38.5	67	33.5	2	6	9	22	14	16.5	5	M6
50	55	72	62	70	4	57.5	99	25	42.5	69	34.5	2.5	6	9	23	15	16.5	5	M6
53	58	79	65	73	4	57.5	104	25	42.5	74	37	2.5	6	9	23	15	17	5	M6
55	60	81	67	75	4	57.5	106	25	42.5	76	38	2.5	6	9	23	15	17	5	M6
58	63	84	70	78	4	62.5	112	25	47.5	82	41	2.5	6	9	23	15	19	7	M8
60	65	86	72	80	4	62.5	112	25	47.5	82	41	2.5	6	9	23	15	19	7	M8
63	68	89	75	83	4	62.5	112	25	47.5	82	41	2.5	6	9	23	15	19	7	M8
65	70	91	77	85	4	62.5	112	25	47.5	82	41	2.5	6	9	23	15	19	7	M8
70	75	99	83	92	4	70	118	28	52	82	41	2.5	7	9	26	18	19	7	M8
75	80	104	88	97	4	70	120	28	52	84	42	2.5	7	9	26	18	19	7	M8
80	85	109	95	105	4	70	120	28	51.8	83.6	41.8	3	7	9	26.2	18.2	19	7	M8
85	90	114	100	110	4	75	120	28	56.8	83.6	41.8	3	7	9	26.2	18.2	19	7	M8
90	95	119	105	115	4	75	120	28	56.8	83.6	41.8	3	7	9	26.2	18.2	19	7	M8
95	100	124	110	120	4	75	120	28	57.8	85.6	42.8	3	7	9	25.2	17.2	19	7	M8
100	105	129	115	125	4	75	120	28	57.8	85.6	42.8	2	7	9	25.2	17.2	19	7	M8
105	115	148	122.2	134.3	5	73	133	32	53	93	46.5	2	10	\	30	20	22.5	7	M8
110	120	153	128.2	140.3	5	73	133	32	53	93	46.5	2	10	\	30	20	22.5	7	M8
115	125	158	136.2	148.3	5	73	133	32	53	93	46.5	2	10	\	30	20	22.5	7	M8
120	130	163	138.2	150.3	5	73	133	32	53	93	46.5	2	10	\	30	20	22.5	7	M8
125	135	168	142.2	154.3	5	73	133	32	53	93	46.5	2	10	\	30	20	22.5	7	M8



TSMB-J01(TS 676.670.680)

Operating Limits

Pressure: $\leq 2.1\text{MPa}$
Speed: $\leq 25\text{m/s}$
Temperature: $-20^\circ\text{C} \sim +200^\circ\text{C}$

- 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)

Seal size d(inches)	d ₁	l
0.750	1.312	1.250
0.875	1.437	1.250
0.937	1.500	1.250
1.000	1.562	1.250
1.125	1.687	1.250
1.250	1.812	1.312
1.375	1.937	1.437
1.500	2.062	1.437
1.625	2.187	1.437
1.750	2.312	1.437
1.875	2.437	1.500
2.000	2.562	1.500
2.125	2.687	1.500
2.250	2.812	1.562
2.375	2.937	1.562
2.500	3.187	1.562
2.625	3.312	1.625
2.750	3.437	1.625
2.875	3.625	1.687
3.000	3.750	1.687
3.125	3.875	1.750
3.250	4.000	1.750
3.375	4.125	1.750
3.500	4.250	1.875
3.625	4.375	1.875
3.750	4.500	1.875
3.875	4.625	1.875
4.000	4.750	1.875
4.250	5.187	1.903
4.500	5.437	1.903
4.750	5.687	1.903
5.000	5.937	1.903
5.250	6.213	1.903
5.500	6.463	1.903
5.750	6.714	1.903
6.000	6.964	1.903

Seal size d(mm)	d ₁	l
18	32.0	27.5
20	33.3	27.5
22	36.0	27.5
24	38.1	30.0
25	39.0	30.0
28	42.0	32.5
30	44.0	32.5
32	46.0	32.5
33	47.0	32.5
35	49.2	32.5
38	52.4	34.0
40	55.6	34.0
43	58.7	34.0
45	58.7	34.0
48	61.9	34.0
50	65.1	34.5
53	68.3	34.5
55	71.0	34.5
60	74.6	39.5
65	84.1	39.5
70	87.3	45.0
75	95.3	45.0
80	98.4	44.5
85	104.8	44.5
90	108.0	49.5
95	114.3	49.5
100	120.7	49.5
105	131.7	48.3
110	138.1	48.3
115	144.5	48.3
120	144.5	48.3
125	150.8	48.3
130	157.8	48.3
140	170.5	48.3
150	176.9	48.3