

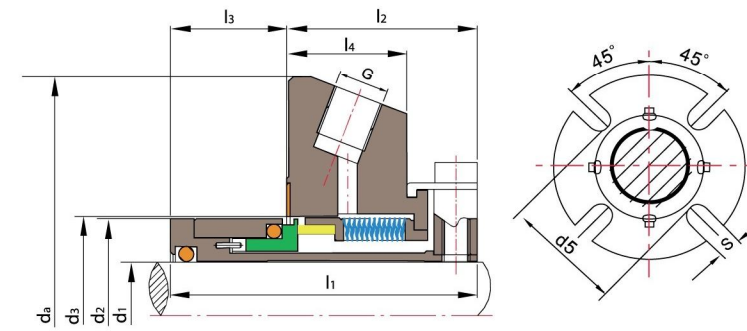
TSMB-B06

Operating Limits

Pressure: $\leq 2\text{MPa}$
 Speed: $\leq 25\text{m/s}$
 Temperature: $-40^\circ\text{C} \sim +220^\circ\text{C}$

- 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)

d ₁ (mm)	d ₂	d ₃		l ₁	l ₂	l ₃	l ₄	d _a	l ₅	s
		min	max							
25	45.0	47.0	51.0	79.5	26.1	53.4	25.4	105.0	62.0	13.2
30	49.4	52.0	56.0	78.4	25.0	53.4	25.4	105.0	67.0	13.2
32	52.3	54.5	57.0	78.4	25.0	53.4	25.4	108.0	70.0	13.2
33	52.3	54.5	57.0	78.4	25.0	53.4	25.4	108.0	70.0	13.2
35	54.8	58.0	61.5	78.4	25.0	53.4	25.4	113.0	72.0	13.2
38	57.5	60.0	66.0	78.4	25.0	53.4	25.4	123.0	75.0	14.0
40	58.8	62.0	68.0	78.2	24.8	53.4	25.4	123.0	77.0	14.2
43	61.9	64.5	70.5	78.4	25.0	53.4	25.4	133.0	80.0	14.2
45	65.0	68.5	73.0	78.4	25.0	53.4	25.4	138.0	82.0	14.2
48	68.4	71.0	75.0	78.7	25.3	53.4	25.4	138.0	85.0	14.2
50	70.0	73.0	78.0	79.1	25.7	53.4	25.4	148.0	87.0	14.2
53	71.9	75.0	87.0	77.8	24.4	53.4	25.4	148.0	97.0	18.0
55	74.6	77.0	83.0	78.9	25.5	53.4	25.4	148.0	92.0	18.0
60	83.9	87.0	91.0	80.1	26.7	53.4	25.4	157.0	102.0	18.0
65	87.5	90.0	98.5	80.0	26.6	53.4	25.4	163.0	109.3	18.0
70	93.0	98.0	108.0	81.5	28.1	53.4	25.4	178.0	118.3	18.0
75	96.8	101.6	118.0	94.4	30.5	63.9	28.0	190.0	129.0	18.0
80	104.7	108.0	124.0	94.4	30.4	64.0	28.0	195.0	135.0	18.0



METEX
 Replace Burgmann METEX

TSMB-B07(TS 700)

Operating Limits

Pressure: $\leq 2\text{MPa}$
 Speed: $\leq 25\text{m/s}$
 Temperature: $-30^\circ\text{C} \sim +200^\circ\text{C}$

- Rotary Ring(SiC/TC)
- Stationary Ring(Carbon/SiC/TC)
- Secondary Seal(VITON/PTFE/Encapsulated Ring)
- Metal Bellows(SUS316L/AM350/Inconel718/Titanium)
- Other Parts(300 Series Stainless Steel)

Seal size d(mm)	d ₁	d ₂	d ₃		d _a	l ₁	l ₂	l ₃	l ₄	S	G (Inches)	m	d ₅
			min	max									
25	25	43.0	44.0	51.0	105	67	42.4	24.6	25.4	14	1/4"	6	62
28	28	46.0	47.0	52.0	105	67	42.4	24.6	25.4	14	1/4"	6	62
30	30	48.0	49.0	56.0	105	67	42.4	24.6	25.4	14	1/4"	6	65
32	32	49.8	51.0	57.0	110	67	42.4	24.6	25.4	14	1/4"	6	67
33	33	49.8	51.0	57.0	110	67	42.4	24.6	25.4	14	1/4"	6	67
35	35	53.0	54.0	61.5	113	67	42.4	24.6	25.4	14	1/4"	6	71
38	38	56.0	57.0	66.0	123	67	42.4	24.6	25.4	14	1/4"	6	76
40	40	58.0	59.0	68.0	123	67	42.4	24.6	25.4	16	3/8"	6	76
42	42	60.5	61.5	69.5	133	67	42.4	24.6	25.4	16	3/8"	6	80
43	43	60.5	61.5	70.5	133	67	42.4	24.6	25.4	16	3/8"	6	80
45	45	62.5	64.0	73.0	138	67	42.4	24.6	25.4	16	3/8"	6	83
48	48	65.6	67.0	75.0	138	67	42.4	24.6	25.4	16	3/8"	6	85
50	50	68.0	69.0	78.0	148	67	42.4	24.6	25.4	16	3/8"	6	88
53	53	72.0	73.0	83.0	148	67	42.4	24.6	25.4	18	3/8"	6	98
55	55	73.0	74.0	87.0	148	67	42.4	24.6	25.4	18	3/8"	6	97
60	60	78.0	79.0	91.0	157	67	42.4	24.6	25.4	18	3/8"	6	102
65	65	83.0	84.5	98.5	163	67	42.4	24.6	25.4	18	3/8"	6	109
70	70	93.0	95.0	108.0	178	67	42.4	24.6	25.4	18	3/8"	6	118
75	75	100.0	101.6	118.0	190	84	57.4	26.6	28.0	18	3/8"	8	129
80	80	106.4	108.0	124.0	195	84	57.4	26.6	28.0	18	3/8"	8	135
85	85	109.5	111.1	128.0	198	84	57.4	26.6	28.0	22	3/8"	8	139
90	90	115.9	117.5	135.0	205	84	57.4	26.6	28.0	22	3/8"	8	145
95	95	119.1	120.7	138.0	208	84	57.4	26.6	28.0	22	3/8"	8	148
100	100	125.4	127.0	144.0	218	84	57.4	26.6	28.0	22	3/8"	8	154

For detailed information, please contact us. We can also produce the special metal bellow cartridge seal according to customer's requirement.