

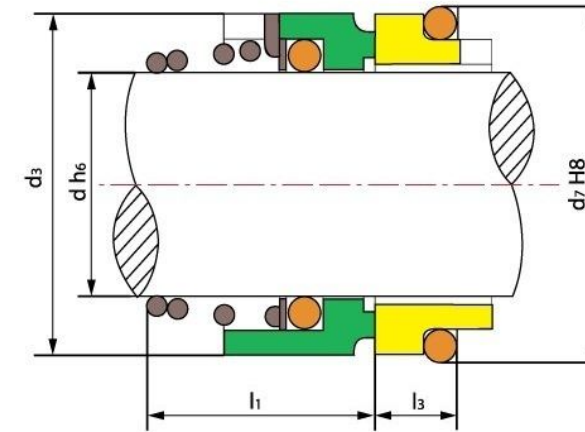
TS MG13(TS G4)

Operating Limits

Pressure: $\leq 1.2\text{MPa}$
 Speed: $\leq 10\text{m/s}$
 Temperature: $-20^{\circ}\text{C} \sim +180^{\circ}\text{C}$

- Rotary Ring(Carbon/SiC)
- Stationary Ring(Ceramic/SiC/TC)
- Secondary Seal(NBR/EPDM/VITON)
- Retainer(SUS304/SUS316)
- Spring(SUS304/SUS316)
- Spring Holder(SUS304/SUS316)

Seal size d(mm)	d ₃	d ₆	d ₇	l ₁	l ₂₈
20	37.0	29	35	45	7.5
22	37.0	31	37	45	7.5
24	42.5	33	39	50	7.5
25	42.5	34	40	50	7.5
28	49.0	37	43	50	7.5
30	49.0	39	45	50	7.5
32	53.5	42	48	55	7.5
35	57.0	44	50	55	7.5
38	59.0	49	56	55	9.0
40	62.0	51	58	55	9.0
42	65.5	54	61	60	9.0
43	65.5	54	61	60	9.0
45	68.0	56	63	60	9.0



TS M2N

Operating Limits

Pressure: $\leq 1\text{MPa}$
 Speed: $\leq 15\text{m/s}$
 Temperature: $-20^{\circ}\text{C} \sim +180^{\circ}\text{C}$

- Rotary Ring(Carbon/SiC/TC)
- Stationary Ring(99%Ceramic/SiC /TC)
- Secondary Seal (NBR/EPDM/VITON/PTFE)
- Spring & Other Parts (SUS304/SUS316)

Design Features:

1. Single seal
2. Unbalanced
3. Conical spring
4. Dependent on direction
5. To DIN 24960

Stationary Seats:

1. TS M2N seal equip with 'G9' seat(DIN24960)
2. Stationary seal alternative: 'G6' (DIN 24960) and 'G4' seats

Seal size d(mm)	d ₃	d ₇	l ₁	l ₃
6	15	\	\	\
8	18	\	\	\
10	20	21	17.5	10.0
12	22	23	17.5	10.0
14	25	25	17.5	10.0
15	27	27	19.5	10.0
16	27	27	19.5	10.0
18	30	33	20.5	11.5
20	32	35	22.0	11.5

Seal size d(mm)	d ₃	d ₇	l ₁	l ₃
22	35	37	23.5	11.5
24	38	39	25.0	11.5
25	40	40	26.5	11.5
26	41	40	26.5	11.5
28	43	43	26.5	11.5
30	47	45	26.5	11.5
32	48	48	28.5	11.5
35	53	50	28.5	11.5
38	56	56	33.5	14.0