

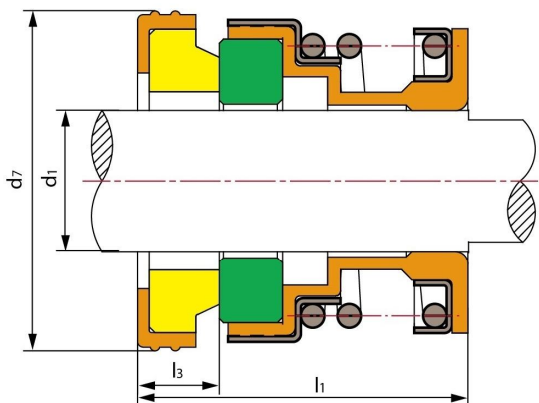


## TS 103

### Operating Limits

Pressure:  $\leq 0.8\text{MPa}$   
 Speed:  $\leq 5\text{ m/s}$   
 Temperature:  $-30^{\circ}\text{C} \sim +200^{\circ}\text{C}$

- Rotary Ring(Ceramic)
- Stationary Ring(Plastic Carbon)
- Secondary Ring(NBR/VITON)
- Spring and Retainer(S.S/Copper)



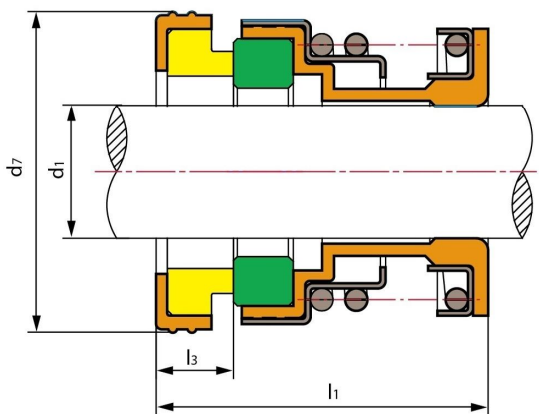
Model	d <sub>1</sub> (mm)	d <sub>7</sub>	l <sub>1</sub>	l <sub>3</sub>
TS103-10	10	25	20.5	5.0
TS103-12	12	26	20.5	5.5
TS103-12L	12	26	20.5	7.5
TS103-14	14	30	20.5	7.0
TS103-17	17	35	20.5	7.0
TS103-18	18	35	20.5	7.0

## TS 104

### Operating Limits

Pressure:  $\leq 0.8\text{MPa}$   
 Speed:  $\leq 5\text{ m/s}$   
 Temperature:  $-30^{\circ}\text{C} \sim +200^{\circ}\text{C}$

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Model	d <sub>1</sub> (mm)	d <sub>7</sub>	l <sub>1</sub>	l <sub>3</sub>
TS104-9	9	22	20	5.5
TS104-10	10	22	20	5.5
TS104-11	11	24	20	5.5
TS104-12	12	24	20	5.5
TS104-14	14	26	25	7.0
TS104-15	15	28	25	7.0
TS104-16	16	28	25	7.0
TS104-17	17	34	25	7.0
TS104-18	18	34	25	7.0
TS104-19	19	36	25	7.0
TS104-20	20	36	25	7.0
TS104-22	22	38	25	7.0
TS104-25	25	41	37	9.0
TS104-30	30	46	37	9.0
TS104-35	35	51	37	9.0
TS104-40	40	60	40	10.5
TS104-45	45	65	40	10.5