

Type 109K

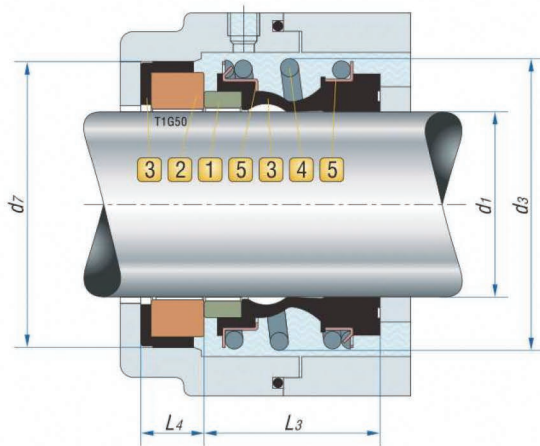
Equivalent to Burgmann MG1S20

OPERATING CONDITIONS

Pressure: $P = -0.1 \sim 1.6 \text{ MPa}$

Temperature: $t = -20^\circ\text{C} \sim 140^\circ\text{C}$

Velocity: $V_g \leq 10 \text{ m/s}$



COMBINED MATERIALS

- 1 Rotary Face: Carbon/SiC
- 2 Stationary Seat: SiC/TC/Ceramic
- 3 Flexible Member: NBR/VITON/EPDM
- 4 Spring: Stainless Steel
- 5 Metal Parts: Stainless Steel

109K DIMENSIONAL DATA (mm)

(Size) (Specification)	d1 (h6)	d3 (Max)	d7 (H8)	L3 (±0.5)	L4
109K-10	10	22.5	24.60	25.40	8.74
109K-12	12	25.0	27.79	25.40	8.74
109K-13	13	25.0	27.79	25.40	8.74
109K-14	14	28.5	30.95	25.40	10.32
109K-15	15	28.5	30.95	25.40	10.32
109K-16	16	28.5	30.95	25.40	10.32
109K-18	18	32.0	34.15	25.40	10.32
109K-19	19	37.0	34.15	25.40	10.32
109K-20	20	37.0	35.70	25.40	10.32
109K-22	22	37.0	37.30	25.40	10.32
109K-24	24	42.5	40.50	25.40	10.32
109K-25	25	42.5	40.50	25.40	10.32
109K-28	28	49.0	47.63	33.34	11.99
109K-30	30	49.0	50.80	33.34	11.99
109K-32	32	53.5	50.80	33.34	11.99
109K-33	33	53.5	53.98	33.34	11.99
109K-34	34	57.0	53.98	33.34	11.99
109K-35	35	57.0	53.98	33.34	11.99
109K-38	38	59.0	57.15	33.34	11.99
109K-40	40	62.0	60.35	33.34	11.99

109K DIMENSIONAL DATA (mm)

(Size) (Specification)	d1 (h6)	d3 (Max)	d7 (H8)	L3 (±0.5)	L4
109K-42	42	65.5	63.50	40.48	11.99
109K-43	43	65.5	63.50	40.48	11.99
109K-44	44	68.0	63.50	40.48	11.99
109K-45	45	68.0	63.50	40.48	11.99
109K-48	48	70.5	66.70	40.48	11.99
109K-50	50	74.0	69.85	40.48	11.99
109K-53	53	78.5	73.05	41.00	13.50
109K-55	55	81.0	76.20	41.00	13.50
109K-58	58	85.5	79.40	41.00	13.50
109K-60	60	88.5	79.40	41.00	13.50
109K-63	63	90.5	82.55	49.00	13.50
109K-65	65	93.5	92.10	49.00	15.90
109K-68	68	96.5	95.25	49.00	15.90
109K-70	70	99.5	95.25	49.00	15.90
109K-73	73	104.0	98.45	49.00	15.90
109K-75	75	107.0	101.65	49.00	15.90
109K-80	80	112.0	114.30	56.00	20.00
109K-85	85	120.0	117.50	56.00	20.00
109K-90	90	127.0	123.85	59.00	20.00
109K-95	95	132.0	127.00	59.00	20.00
109K-100	100	137.0	133.35	62.00	20.00