

Type 109
Type 1092
Type 1093

Equivalent to Burgmann MG1/MG12/MG13

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



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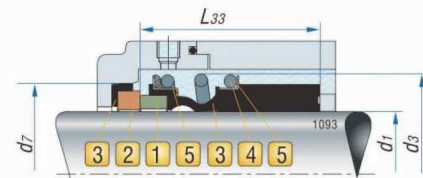
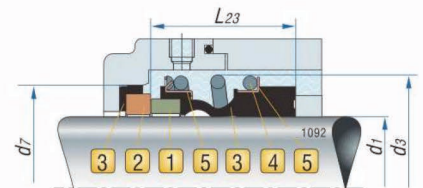
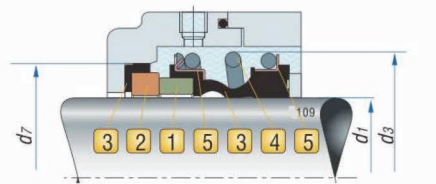


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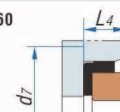
1093

109/ 1092/1093 DIMENSIONAL DATA (mm)

(Size) (Diameter)	d ₁ (h6)	d ₃ (Max)	d ₇ (H8)	L ₃ (±0.5)	L ₂₃ (±0.5)	L ₃₃ (±0.5)	L ₄	d ₁₂ (H8)	L ₁₄
8	8	21.0	21	14.0			6.0		
10	10	22.5	21	14.5	25.9	33.4	6.6	19.2	6.6
12	12	25.0	23	15.0	25.9	33.4	6.6	21.6	5.6
14	14	28.5	25	17.0	28.4	33.4	6.6	24.6	5.6
15	15	28.5	27	17.0	28.4	33.4	6.6	24.6	6.6
16	16	28.5	27	17.0	28.4	33.4	6.6	28.0	7.5
18	18	32.0	33	19.5	30.0	37.5	7.5	30.0	8.0
20	20	37.0	35	21.5	30.0	37.5	7.5	35.0	7.5
22	22	37.0	37	21.5	30.0	37.5	7.5	35.0	7.5
24	24	42.5	39	22.5	32.5	42.5	7.5	38.0	7.5
25	25	42.5	40	23.0	32.5	42.5	7.5	38.0	7.5
28	28	49.0	43	26.5	35.0	42.5	7.5	42.0	9.0
30	30	49.0	45	26.5	35.0	42.5	7.5	45.0	10.5
32	32	53.5	48	27.5	35.0	47.5	7.5	48.0	10.5
33	33	53.5	48	27.5	35.0	47.5	7.5	50.0	11.0
35	35	57.0	50	28.5	35.0	47.5	7.5	52.0	11.0
38	38	59.0	56	30.0	36.0	46.0	9.0	55.0	10.3
40	40	62.0	58	30.0	36.0	46.0	9.0	58.0	10.8
42	42	65.5	61	30.0	36.0	51.0	9.0	62.0	12.0
43	43	65.5	61	30.0	36.0	51.0	9.0	62.0	12.0
45	45	68.0	63	30.0	36.0	51.0	9.0	64.0	11.6
48	48	70.5	66	30.5	36.0	51.0	9.0	68.4	11.6
50	50	74.0	70	30.5	38.0	50.5	9.5	69.3	11.6
53	53	78.5	73	33.0	36.5	59.0	11.0	72.3	12.3
55	55	81.0	75	35.0	36.5	59.0	11.0	75.4	13.3
58	58	85.5	78	37.0	41.5	59.0	11.0	78.4	13.3
60	60	88.5	80	38.0	41.5	59.0	11.0	80.4	13.3
65	65	93.5	85	40.0	41.5	69.0	11.0	85.4	13.0
68	68	96.5	90	40.0	41.2	68.7	11.3	91.5	13.7
70	70	99.5	92	40.0	48.7	68.7	11.3	92.0	13.0
75	75	107.0	97	40.0	48.7	68.7	11.3	99.0	14.0
80	80	112.0	105	40.0	48.0	78.0	12.0	104.0	15.0
85	85	120.0	110	41.0	46.0	76.0	14.0	109.0	14.8
90	90	127.0	115	45.0	51.0	76.0	14.0	114.0	14.8
95	95	132.0	120	46.0	51.0	76.0	14.0	120.3	15.8
100	100	137.0	125	47.0	51.0	76.0	14.0	123.3	15.8



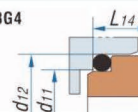
T1G60



T3G6



T3G4



Seat Compatibility

Standard: " T1G60 " seat
 Alternatives:
 " T3G6 ", " T3G4 " Seat