GM 610/612/613/614

EQUIVALENTS OF BURGMANN MG SERIES

Technical features

- Single seal
- Unbalanced
- Single spring
- Bi-directional
- Elastomer bellows
- Equivalent to Burgmann MG1/MG12/MG13/MG1S20

Operating limits

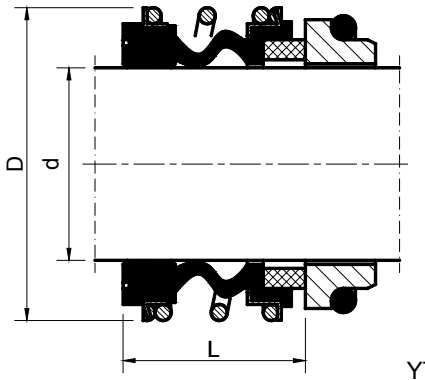
- d_1 = 10 - 100 mm
- p_1 = 1.2 MPa
- t = -20 - 180 °C
- v_g = 10 m/s

Materials

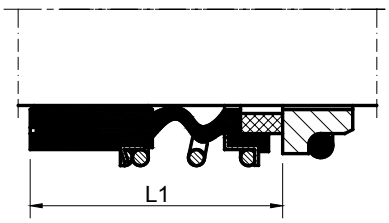
- Seal faces: silicon carbide, tungsten carbide, carbon graphite (resin-impreg.)
- Stationary seats: silicon carbide, alumina ceramic, carbon graphite (resin-impreg.), Cr-Mo steel
- Bellows: Neoprene, NBR, FPM, EPDM
- Springs, “L”-rings: AISI 304, 316, 316Ti
- Secondary seals: Neoprene, NBR, FPM, EPDM

Stationary seats

- G6, G60, G9, G606 (to DIN 24960)
- G4, G50



YT610



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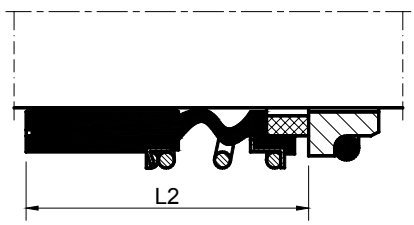

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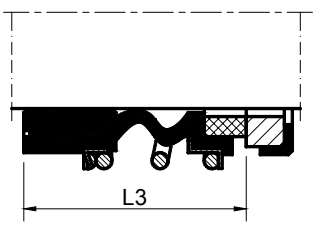

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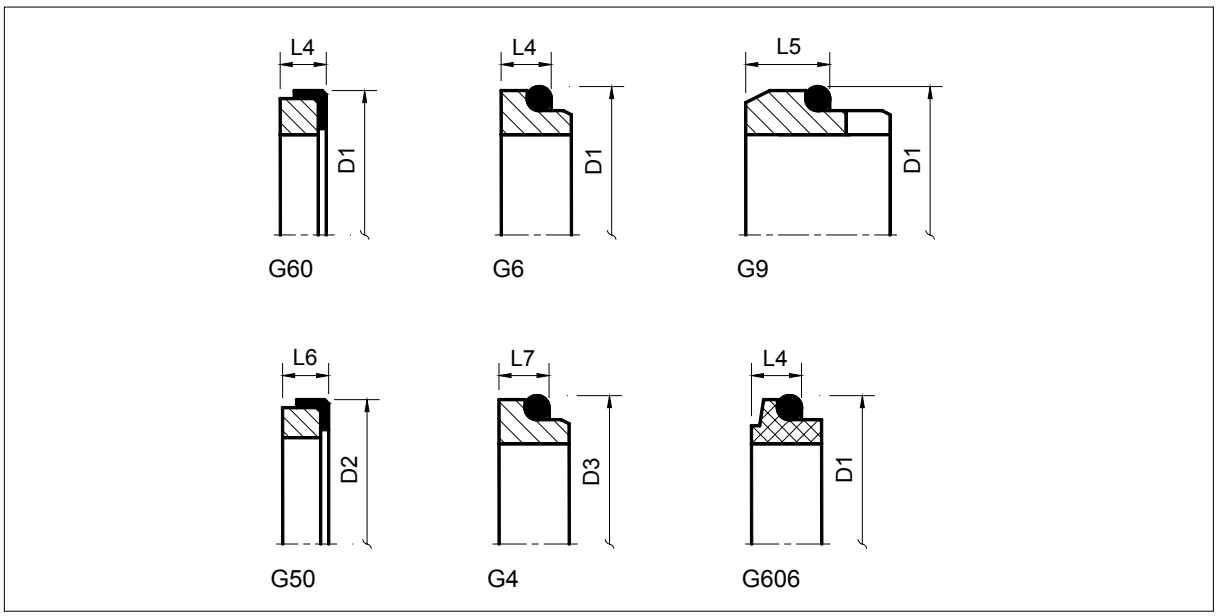

d	D	D1	D2	D3	L	L1	L2	L3	L4	L5	L6	L7
10	22.5	21	24.60	19.2	14.5	25.9	33.4	25.0	6.6	10.0	9.0	6.6
12	25.0	23	27.80	21.6	15.0	25.9	33.4	25.0	6.6	10.0	9.0	5.6
14	28.5	25	30.95	24.6	17.0	28.4	33.4	25.0	6.6	10.0	10.5	5.6
15	28.5	27	30.95	24.6	17.0	28.4	33.4	25.0	6.6	10.0	10.5	6.6
16	28.5	27	30.95	28.0	17.0	28.4	33.4	25.0	6.6	10.0	10.5	7.5
18	32.0	33	34.15	30.0	19.5	30.0	37.5	25.0	7.5	11.5	10.5	8.0
20	37.0	35	35.70	35.0	21.5	30.0	37.5	25.0	7.5	11.5	10.5	7.5
22	37.0	37	37.30	35.0	21.5	30.0	37.5	25.0	7.5	11.5	10.5	7.5
24	42.5	39	40.50	38.0	22.5	32.5	42.5	25.0	7.5	11.5	10.5	7.5
25	42.5	40	40.50	38.0	23.0	32.5	42.5	25.0	7.5	11.5	10.5	7.5
28	49.0	43	47.65	42.0	26.5	35.0	42.5	33.0	7.5	11.5	12.0	9.0
30	49.0	45	50.80	45.0	26.5	35.0	42.5	33.0	7.5	11.5	12.0	10.5
32	53.5	48	50.80	48.0	27.5	35.0	47.5	33.0	7.5	11.5	12.0	10.5
33	53.5	48	54.00	50.0	27.5	35.0	47.5	33.0	7.5	11.5	12.0	11.0
35	57.0	50	54.00	52.0	28.5	35.0	47.5	33.0	7.5	11.5	12.0	11.0
38	59.0	56	57.15	55.0	30.0	36.0	46.0	33.0	9.0	14.0	12.0	10.3
40	62.0	58	60.35	58.0	30.0	36.0	46.0	33.0	9.0	14.0	12.0	10.8
42	65.5	61	63.50	60.0	30.0	36.0	51.0	51.0	9.0	14.0	12.0	12.0
43	65.5	61	63.50	62.0	30.0	36.0	51.0	51.0	9.0	14.0	12.0	12.0
45	68.0	63	63.50	64.0	30.0	36.0	51.0	51.0	9.0	14.0	12.0	11.6
48	70.5	66	66.70	68.4	30.5	36.0	51.0	51.0	9.0	14.0	12.0	11.6
50	74.0	70	69.85	69.3	30.5	36.0	50.5	50.5	9.5	15.0	13.5	11.6
53	78.5	73	73.05	72.3	33.0	36.5	59.0	59.0	11.0	15.0	13.5	12.3
55	81.0	75	76.20	75.4	35.0	36.5	59.0	59.0	11.0	15.0	13.5	13.3
58	85.5	78	79.40	78.4	37.0	41.5	59.0	59.0	11.0	15.0	13.5	13.3
60	88.5	80	79.40	80.4	38.0	41.5	59.0	59.0	11.0	15.0	13.5	13.3
65	93.5	85	92.10	85.4	40.0	41.5	69.0	69.0	11.0	15.0	16.0	13.0
68	96.5	90	95.25	91.5	40.0	41.5	68.7	68.7	11.3	18.0	16.0	13.7
70	99.5	92	95.25	92.0	40.0	48.7	68.7	68.7	11.3	18.0	16.0	13.0
75	107.0	97	101.60	99.0	40.0	48.7	68.7	68.7	11.3	18.0	16.0	14.0
80	112.0	105	114.30	104.0	40.0	48.0	78.0	78.0	12.0	18.2	20.0	15.0
85	120.0	110	117.50	109.0	41.0	46.0	76.0	76.0	14.0	18.2	20.0	14.8
90	127.0	115	123.85	114.0	45.0	51.0	76.0	76.0	14.0	18.2	20.0	14.8
95	132.0	120	127.00	120.3	46.0	51.0	76.0	76.0	14.0	17.2	20.0	15.8
100	137.0	125	133.35	123.3	47.0	51.0	76.0	76.0	14.0	17.2	20.0	15.8