

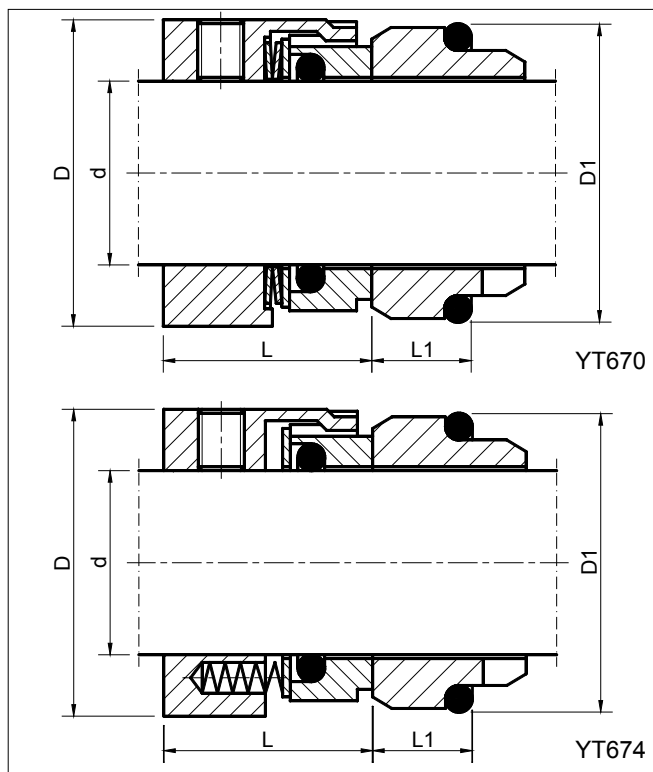
GM 670/674

EQUIVALENTS OF BURGMANN M7 SERIES



Technical features

- Single seal
- Unbalanced
- Bi-directional
- To DIN 24960
- Equivalent to Burgmann M7N/M74



Operating limits

- $d_1 = 14 - 100 \text{ mm}$
(105 - 200 mm available pending request)
- $p_1 = 1.5 \text{ MPa}$
- $t = -40 - 205 \text{ }^\circ\text{C}$
- $v_g = 20 \text{ m/s}$

Materials

- Seal faces: silicon carbide, alumina ceramic, Cr-Mo steel
- Stationary seats: silicon carbide, carbon graphite (resin-impreg.)
- Springs, collars: AISI 316, 316Ti
- Secondary seals: FPM, EPDM

Stationary seats

- G6, G9 (to DIN 24960)
- G4, G13

d	D	D1	L	L1
14	25	25	25.0	10.0
16	27	27	25.0	10.0
18	33	33	26.0	11.5
20	35	35	26.0	11.5
22	37	37	26.0	11.5
24	39	39	28.5	11.5
25	40	40	28.5	11.5
28	43	43	31.0	11.5
30	45	45	31.0	11.5
32	47	48	31.0	11.5
33	48	48	31.0	11.5
35	50	50	31.0	11.5
38	55	56	31.0	14.0
40	57	58	31.0	14.0
43	60	61	31.0	14.0
45	62	63	31.0	14.0
48	65	66	31.0	14.0
50	67	70	32.5	15.0
53	70	73	32.5	15.0
55	72	75	32.5	15.0
58	79	78	37.5	15.0
60	81	80	37.5	15.0
63	84	83	37.5	15.0
65	86	85	37.5	15.0
68	89	90	34.5	18.0
70	91	92	42.0	18.0
75	99	97	42.0	18.0
80	104	105	41.8	18.2
85	109	110	41.8	18.2
90	114	115	46.8	18.2
95	119	120	47.8	17.2
100	124	125	47.8	17.2

See page 4 for dimensions of stationary seats G4, G6 and G13 .