

GM 692/697

EQUIVALENTS OF BURGMANN HJ SERIES



Technical features

- Single seal
- Balanced
- Wave spring
- Bi-directional
- To DIN 24960
- Equivalent to Burgmann HJ92/HJ977GN

Operating limits

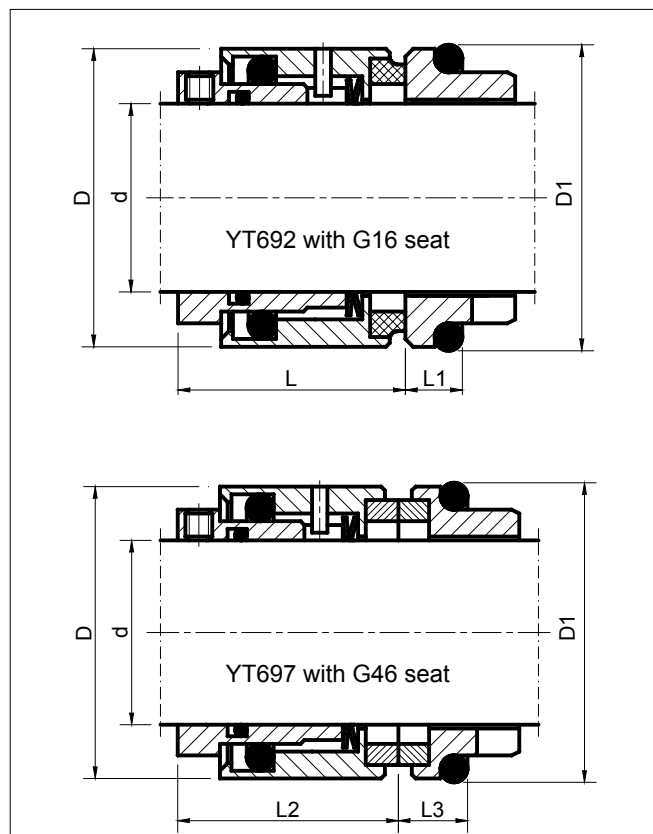
- $d_1 = 18 - 100 \text{ mm}$
- $p_1 = 2.4 \text{ MPa}$
- $t = -40 - 205 \text{ }^{\circ}\text{C}$
- $v_g = 20 \text{ m/s}$

Materials

- Seal faces: (for YT692) carbon graphite (resin-impreg.); (for YT697) silicon carbide, tungsten carbide
- Stationary seats: (for G16) silicon carbide, alumina ceramic; (for G46) silicon carbide, tungsten carbide
- Springs, collars, face housings: AISI 316, 316Ti
- Secondary seals: FPM, EPDM

Stationary seats

- G16, G46 (to DIN 24960)



d	D	D1	L	L1	L2	L3
18	32	33	30.5	7.0	28.5	9.0
20	34	35	30.5	7.0	28.5	9.0
22	36	37	30.5	7.0	28.5	9.0
24	38	39	33.0	7.0	31.0	9.0
25	39	40	33.0	7.0	31.0	9.0
28	42	43	35.5	7.0	33.0	9.5
30	44	45	35.5	7.0	33.0	9.5
32	47	48	35.5	7.0	33.0	9.5
33	47	48	35.5	7.0	33.0	9.5
35	49	50	35.5	7.0	33.0	9.5
38	54	56	37.0	8.0	34.5	10.5
40	56	58	37.0	8.0	34.5	10.5
43	59	61	37.0	8.0	34.5	10.5
45	61	63	37.0	8.0	34.5	10.5
48	64	66	37.0	8.0	34.5	10.5
50	66	70	38.0	9.5	35.5	12.0
53	69	73	38.0	9.5	35.5	12.0
55	71	75	38.0	9.5	35.5	12.0
58	78	78	42.0	10.5	39.5	13.0
60	80	80	42.0	10.5	39.5	13.0
63	83	83	42.0	10.5	39.5	13.0
65	85	85	42.0	10.5	39.5	13.0
68	88	90	41.5	11.0	39.0	13.5
70	90	92	48.5	11.5	46.0	14.0
75	99	97	48.5	11.5	46.0	14.0
80	104	105	48.5	11.5	46.0	14.0
85	109	110	48.5	11.5	46.0	14.0
90	114	115	52.0	13.0	49.5	15.5
95	119	120	52.0	13.0	49.5	15.5
100	124	125	52.0	13.0	49.5	15.5

Dimensions in mm.