

YT 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

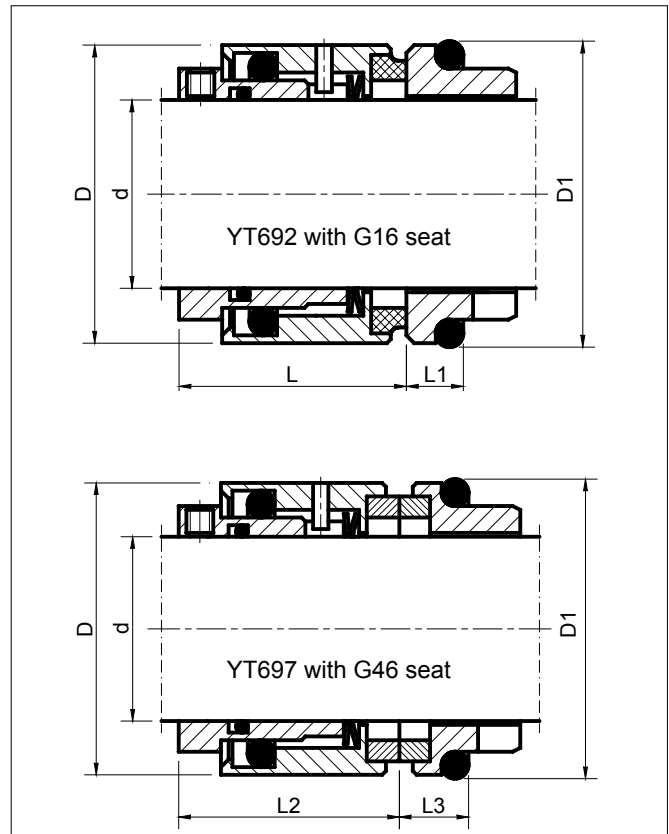
- $d_1 = 18 - 100 \text{ mm}$
- $p_1 = 2.4 \text{ MPa}$
- $t = -40 - 205 \text{ }^\circ\text{C}$
- $v_g = 20 \text{ m/s}$

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.