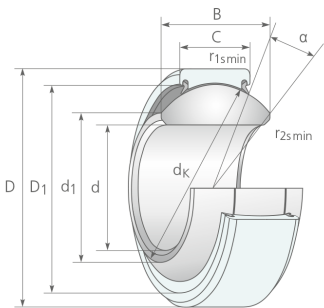


RADIAL-GELENKLAGER DIN ISO 12240-1 Maßreihe G

Gleitpaarung: Hartchrom/PTFE Gewebe >> wartungsfrei GE ... FW-2RS



Lagerluftgruppen [µm] GE ... FW-2RS

| d [mm] | CN |
|---------------|-----------|
| d = 30 | 0 bis 50 |
| 30 < d ≤ 50 | 0 bis 60 |
| 50 < d ≤ 80 | 0 bis 72 |
| 80 < d ≤ 120 | 0 bis 85 |
| 120 < d ≤ 240 | 0 bis 100 |
| 240 < d ≤ 280 | 0 bis 110 |

Weitere Lagerluftgruppen auf Anfrage

Einbaubedingungen GE ... FW-2RS

| Material | Welle aus Stahl | Gehäuse aus Stahl | Gehäuse aus Leichtmetall |
|-----------------------------------|-----------------|-------------------|--------------------------|
| Gültig für Wellen-Ø | 30 ≤ d ≤ 280 mm | 30 ≤ d ≤ 280 mm | 30 ≤ d ≤ 280 mm |
| Oberflächenqualität | ≤ Rz 10 | Rz 10 bis Rz 16 | Rz 10 bis Rz 16 |
| Einbaupassung bei Lagerluftgruppe | j6 | K7 | M7 |

| | d | D | B | C | d K | ?? | r1s min | r2s min | m | C | C 0 | ? d 1 | ? D 1 |
|---------------|------|------|------|------|-------|-----|---------|---------|--------|--------|---------|-------|-------|
| | [mm] | [mm] | [mm] | [mm] | [mm] | [°] | [mm] | [mm] | [kg] | [kN] | [kN] | [mm] | [mm] |
| GE 17 FW-2RS | 17 | 35 | 20 | 12 | 29,0 | 19 | 0,3 | 0,3 | 0,078 | 31,5 | 78,0 | 21 | 27,5 |
| GE 20 FW-2RS | 20 | 42 | 25 | 16 | 35,5 | 17 | 0,6 | 0,6 | 0,150 | 51,0 | 127,0 | 24 | 33,0 |
| GE 25 FW-2RS | 25 | 47 | 28 | 18 | 40,7 | 17 | 0,6 | 0,6 | 0,190 | 65,5 | 166,0 | 29 | 38,0 |
| GE 30 FW-2RS | 30 | 55 | 32 | 20 | 47,0 | 17 | 0,6 | 1,0 | 0,290 | 210,0 | 350,0 | 34 | 44,5 |
| GE 35 FW-2RS | 35 | 62 | 35 | 22 | 53,0 | 16 | 0,6 | 1,0 | 0,390 | 277,0 | 462,0 | 39 | 51,0 |
| GE 40 FW-2RS | 40 | 68 | 40 | 25 | 60,0 | 17 | 0,6 | 1,0 | 0,520 | 360,0 | 600,0 | 44 | 57,0 |
| GE 45 FW-2RS | 45 | 75 | 43 | 28 | 66,0 | 15 | 0,6 | 1,0 | 0,680 | 442,0 | 737,0 | 50 | 63,0 |
| GE 50 FW-2RS | 50 | 90 | 56 | 36 | 80,0 | 17 | 0,6 | 1,0 | 1,400 | 690,0 | 1150,0 | 57 | 75,0 |
| GE 60 FW-2RS | 60 | 105 | 63 | 40 | 92,0 | 17 | 1,0 | 1,0 | 2,050 | 885,0 | 1475,0 | 67 | 87,0 |
| GE 70 FW-2RS | 70 | 120 | 70 | 45 | 105,0 | 16 | 1,0 | 1,0 | 2,900 | 1125,0 | 1875,0 | 77 | 99,0 |
| GE 80 FW-2RS | 80 | 130 | 75 | 50 | 115,0 | 14 | 1,0 | 1,0 | 3,500 | 1380,0 | 2300,0 | 87 | 108,0 |
| GE 90 FW-2RS | 90 | 150 | 85 | 55 | 130,0 | 15 | 1,0 | 1,0 | 5,400 | 1717,0 | 2862,0 | 98 | 123,0 |
| GE 100 FW-2RS | 100 | 160 | 85 | 55 | 140,0 | 14 | 1,0 | 1,0 | 6,000 | 1845,0 | 3075,0 | 110 | 134,0 |
| GE 110 FW-2RS | 110 | 180 | 100 | 70 | 160,0 | 12 | 1,0 | 1,0 | 9,700 | 2685,0 | 4475,0 | 122 | 150,0 |
| GE 120 FW-2RS | 120 | 210 | 115 | 70 | 180,0 | 16 | 1,0 | 1,0 | 14,000 | 3015,0 | 5025,0 | 132 | 173,0 |
| GE 140 FW-2RS | 140 | 230 | 130 | 80 | 200,0 | 16 | 1,0 | 1,0 | 19,000 | 3840,0 | 6400,0 | 151 | 191,0 |
| GE 160 FW-2RS | 160 | 260 | 135 | 80 | 225,0 | 16 | 1,0 | 1,0 | 24,700 | 4320,0 | 7200,0 | 176 | 219,0 |
| GE 180 FW-2RS | 180 | 290 | 155 | 100 | 250,0 | 14 | 1,1 | 1,1 | 35,900 | 6000,0 | 10000,0 | 196 | 239,0 |
| GE 200 FW-2RS | 200 | 320 | 165 | 100 | 275,0 | 15 | 1,1 | 1,1 | 45,300 | 6600,0 | 11000,0 | 220 | 267,0 |



| | | | | | | | | | | | | | |
|---------------|-----|-----|-----|-----|-------|----|-----|-----|--------|---------|---------|-----|-------|
| GE 220 FW-2RS | 220 | 340 | 175 | 100 | 300,0 | 16 | 1,1 | 1,1 | 51,100 | 7200,0 | 12000,0 | 243 | 295,0 |
| GE 240 FW-2RS | 240 | 370 | 190 | 110 | 325,0 | 15 | 1,1 | 1,1 | 65,100 | 8550,0 | 14250,0 | 263 | 319,0 |
| GE 260 FW-2RS | 260 | 400 | 205 | 120 | 350,0 | 15 | 1,1 | 1,1 | 82,400 | 10050,0 | 16750,0 | 283 | 342,0 |
| GE 280 FW-2RS | 280 | 430 | 210 | 120 | 375,0 | 15 | 1,1 | 1,1 | 97,200 | 10800,0 | 18000,0 | 310 | 370,0 |