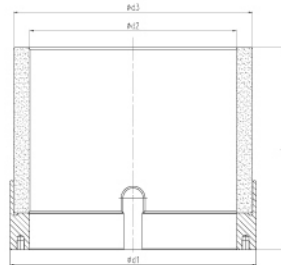
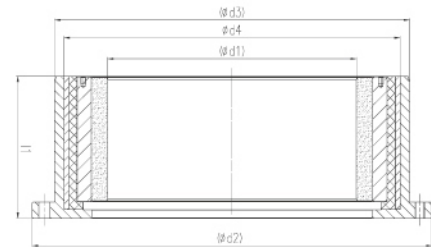


## ▣ Guide Bearing



Bearing Sleeve



Guide Bearing

### Advantages

- ▶ Exceptional wear & corrosion resistance
- ▶ Stable performance with extended service life

### Design Features

- ▶ Self-lubricating properties
- ▶ High reliability – Components resist thermal shock (low/high temperature cycling)
- ▶ SiC guide bearings are radial bearings made of high-performance ceramic materials, primarily used in rotating machinery such as pumps

### Dimensional Data

#### Bearing Sleeve

| INDEX | d1  | d2  | d3  | L   |
|-------|-----|-----|-----|-----|
| 01    | 106 | 75  | 100 | 120 |
| 02    | 116 | 85  | 110 | 125 |
| 03    | 126 | 95  | 120 | 130 |
| 04    | 136 | 105 | 130 | 135 |
| 05    | 151 | 115 | 145 | 155 |
| 06    | 161 | 125 | 155 | 160 |
| 07    | 171 | 135 | 165 | 165 |
| 08    | 181 | 145 | 175 | 170 |
| 09    | 201 | 165 | 198 | 180 |
| 10    | 223 | 185 | 215 | 200 |
| 11    | 243 | 205 | 235 | 210 |
| 12    | 268 | 225 | 260 | 220 |
| 13    | 288 | 245 | 280 | 250 |
| 14    | 313 | 265 | 305 | 260 |
| 15    | 333 | 285 | 325 | 270 |

#### Guide Bearing

| INDEX | NENN- $\phi$ | d1  | d2  | d3  | d <sub>4</sub><br>H6/r6 | l3  | GEWICHT<br>(KG) |
|-------|--------------|-----|-----|-----|-------------------------|-----|-----------------|
| 01    | 75           | 100 | 225 | 180 | 165                     | 69  | 8.3             |
| 02    | 85           | 110 | 235 | 190 | 175                     | 74  | 9.4             |
| 03    | 95           | 120 | 245 | 200 | 185                     | 79  | 10.5            |
| 04    | 105          | 130 | 255 | 210 | 195                     | 84  | 12              |
| 05    | 115          | 145 | 280 | 235 | 220                     | 94  | 16              |
| 06    | 125          | 155 | 305 | 250 | 230                     | 99  | 20              |
| 07    | 135          | 165 | 315 | 260 | 240                     | 107 | 23              |
| 08    | 145          | 175 | 330 | 275 | 255                     | 112 | 26              |
| 09    | 165          | 195 | 350 | 295 | 275                     | 122 | 30              |
| 10    | 185          | 215 | 370 | 315 | 295                     | 132 | 35              |
| 11    | 205          | 235 | 390 | 335 | 315                     | 142 | 40              |
| 12    | 225          | 260 | 425 | 370 | 350                     | 152 | 50              |
| 13    | 245          | 280 | 450 | 395 | 370                     | 164 | 62              |
| 14    | 265          | 305 | 490 | 435 | 412                     | 174 | 78              |
| 15    | 285          | 325 | 510 | 455 | 432                     | 184 | 86              |