

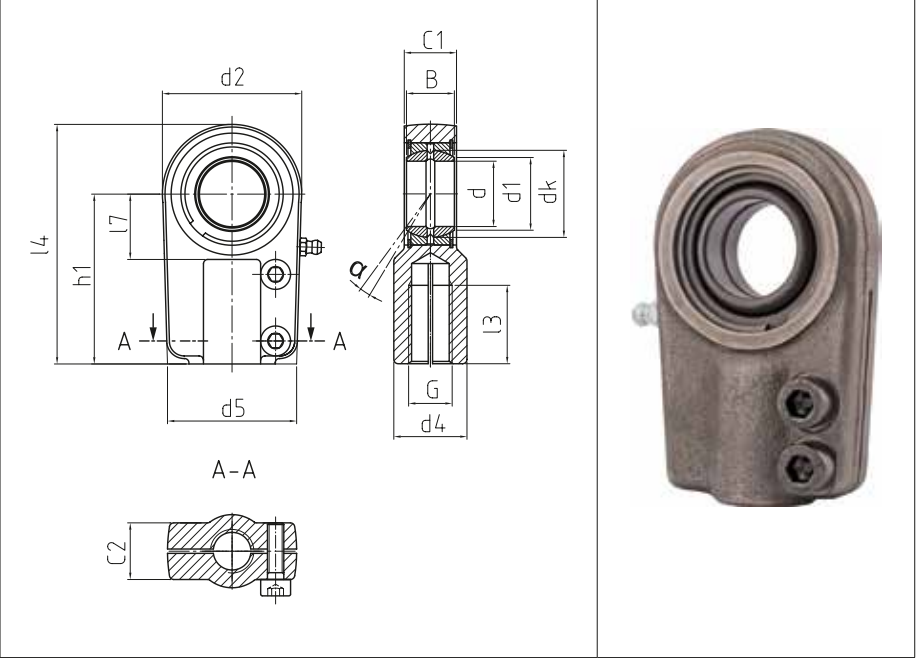
**HYDRAULIK-GELENKKÖPFE**  
**Mit fixiertem Gleitlager, Innen-**  
**gewinde, geschlitzt, Klemm-**  
**schrauben**

HYDRAULIC-ROD ENDS  
With pressed spherical-plain  
bearing, female thread with slot  
and clamping arrangement

→ **Sonderanfertigungen auf Anfrage**  
→ Custom made products on request

**Gehäuse:**  
Geschmiedeter Vergütungsstahl  
**Außenring:**  
Wälzlagerstahl gehärtet, geschliffen,  
phosphatiert, mit Schmiernut und -bohrung  
**Gelenkkugel:**  
Wälzlagerstahl, gehärtet, geschliffen,  
phosphatiert  
**Wartung:**  
Wartungspflichtig, nachschmierbar - Im  
Anlieferungszustand geölt - Erstschmierung durch  
Anwender  
**Schmiernippel:**  
Kegelschmiernippel DIN 71 412 H1, weitere  
Schmiernippel siehe Seite 063  
**Toleranzen:**  
Seite 050 – 057

**Housing:**  
Forged heat-treated steel  
**Outer ring:**  
Ball bearing steel, hardened, ground,  
phosphated, oil groove and drill holes  
**Joint ball:**  
Ball bearing steel, hardened, ground,  
phosphated  
**Maintenance:**  
Maintenance required, oiled on delivery, initial  
lubrication by the user  
**Grease nipple:**  
DIN 71 412 H1, further grease nipple see on  
page 063  
**Tolerances:**  
Page 050 – 057



**durba**

6.3

DGK<sub>SK</sub>

Hydraulik-Gelenkköpfe

Hydraulic-rod ends

BASIC Line

|  | Bestellnummer | Abmessungen       |       |     |     |     |      |           |     |     |     |     |     |     |     | Kippwinkel | Gewicht | Tragzahlen        |              | Radiale Lagerluft |     |
|--|---------------|-------------------|-------|-----|-----|-----|------|-----------|-----|-----|-----|-----|-----|-----|-----|------------|---------|-------------------|--------------|-------------------|-----|
|  | Order number  | Measurements [mm] |       |     |     |     |      |           |     |     |     |     |     |     |     | Tilt angle | Weight  | Basic load rating |              | Radial clearance  |     |
|  | Typ           | d                 | d1    | d2  | d4  | d5  | dk   | G         | B   | C1  | C2  | l3  | l4  | l7  | h1  | α [°]      | kg      | dyn C [kN]        | stat Co [kN] | CN [µm]           | d   |
|  | DGK 25 SK     | 25                | 29,3  | 56  | 28  | 48  | 35,5 | M 18 x 2  | 23  | 20  | 21  | 30  | 95  | 25  | 65  | 8          | 0,7     | 38,4              | 60,8         | 8 - 100           | 25  |
|  | DGK 30 SK     | 30                | 34,2  | 64  | 34  | 56  | 40,7 | M 24 x 2  | 28  | 22  | 26  | 35  | 109 | 30  | 75  | 7          | 1       | 49,6              | 89,6         | 8 - 100           | 30  |
|  | DGK 35 SK     | 35                | 39,7  | 78  | 44  | 70  | 47   | M 30 x 2  | 30  | 25  | 28  | 45  | 132 | 40  | 90  | 7          | 1,3     | 64                | 144          | 8 - 100           | 35  |
|  | DGK 40 SK     | 40                | 45    | 94  | 55  | 78  | 53   | M 39 x 3  | 35  | 28  | 33  | 55  | 155 | 45  | 105 | 7          | 2,4     | 80                | 236          | 8 - 120           | 40  |
|  | DGK 50 SK     | 50                | 56    | 116 | 70  | 88  | 66   | M 50 x 3  | 40  | 35  | 36  | 75  | 198 | 55  | 135 | 7          | 4,1     | 124,8             | 356          | 8 - 120           | 50  |
|  | DGK 60 SK     | 60                | 66,8  | 130 | 87  | 118 | 80   | M 64 x 3  | 50  | 44  | 46  | 95  | 240 | 65  | 170 | 7          | 6,5     | 196               | 424          | 8 - 120           | 60  |
|  | DGK 70 SK*    | 70                | 77,8  | 154 | 105 | 138 | 92   | M 80 x 3  | 55  | 49  | 51  | 110 | 278 | 75  | 195 | 6          | 9,5     | 252               | 576          | 8 - 142           | 70  |
|  | DGK 80 SK*    | 80                | 89,4  | 176 | 125 | 168 | 105  | M 90 x 3  | 60  | 55  | 55  | 120 | 305 | 80  | 210 | 6          | 16      | 320               | 712          | 8 - 142           | 80  |
|  | DGK 90 SK*    | 90                | 98,1  | 206 | 150 | 180 | 115  | M 100 x 3 | 65  | 60  | 60  | 140 | 363 | 90  | 250 | 5          | 28      | 392               | 1040         | 8 - 165           | 90  |
|  | DGK 100 SK*   | 100               | 109,5 | 230 | 170 | 188 | 130  | M 110 x 4 | 70  | 70  | 65  | 150 | 400 | 105 | 275 | 7          | 34      | 488               | 1192         | 8 - 165           | 100 |
|  | DGK 110 SK*   | 110               | 121,2 | 264 | 180 | 210 | 140  | M 120 x 4 | 70  | 70  | 74  | 160 | 442 | 115 | 300 | 6          | 44      | 520               | 1640         | 8 - 165           | 110 |
|  | DGK 120 SK*   | 120               | 135,5 | 340 | 210 | 240 | 160  | M 150 x 4 | 85  | 85  | 84  | 190 | 540 | 140 | 360 | 6          | 75      | 760               | 2376         | 8 - 165           | 120 |
|  | DGK 140 SK*   | 140               | 155,8 | 380 | 230 | 256 | 180  | M 160 x 4 | 90  | 90  | 105 | 210 | 620 | 185 | 420 | 7          | 160     | 864               | 2680         | 8 - 192           | 140 |
|  | DGK 160 SK*   | 160               | 170,2 | 480 | 260 | 290 | 200  | M 180 x 4 | 110 | 105 | 105 | 240 | 710 | 200 | 460 | 8          | 185     | 1096              | 3440         | 8 - 192           | 160 |

\* Auf Anfrage | on request