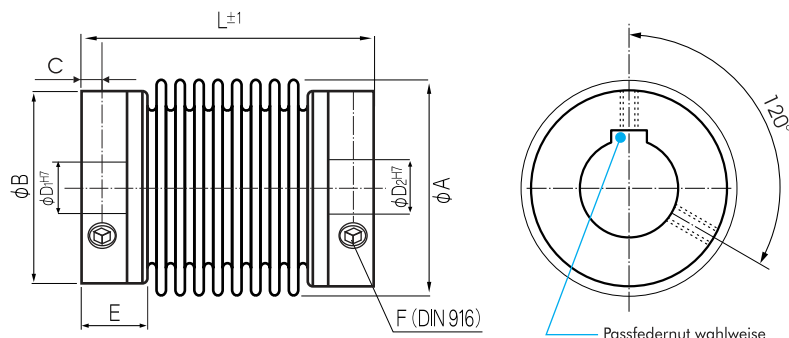


### Miniatur-Metallbalgkupplung



KAG-ID: 424743

Lieferantenbezeichnung:

KB 1 / 05 - 14 - 2 - 3

KV46305 / 20.11.17 mkm



**Bestellbeispiel:** KB 1 / 45 - 40 - 10 - 18 ( - S )

Typ / Größe      Länge L      Ø D1 (H7)      Ø D2 (H7)      Optionen

|         | Drehmoment<br><br>T <sub>KN</sub><br>(Nm) | Abmessungen (mm) |                   |                                |                   |     |            |                                              | Technische Daten |                                           |                                       |                                    |                                   |                                   |                                  |                                  |
|---------|-------------------------------------------|------------------|-------------------|--------------------------------|-------------------|-----|------------|----------------------------------------------|------------------|-------------------------------------------|---------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|----------------------------------|
|         |                                           | L                | Ø A               | D1/D2                          | Ø B               | C   | E          | F                                            | Masse<br><br>(g) | Massenträgheitsmoment<br><br>J<br>(g cm²) | Federsteifigkeit                      |                                    |                                   | Versatz                           |                                  |                                  |
|         |                                           | Länge<br>(±1)    | Außen-durchmesser | Bohrungen<br>(H7)<br>von – bis | Naben durchmesser |     | Nabenlänge | Schraube<br>(DIN 916)<br>T <sub>A</sub> (Nm) |                  |                                           | Torsion<br>C <sub>T</sub><br>(Nm/rad) | radial<br>C <sub>R</sub><br>(N/mm) | axial<br>C <sub>A</sub><br>(N/mm) | radial<br>ΔK <sub>r</sub><br>(mm) | axial<br>ΔK <sub>a</sub><br>(mm) | Winkel<br>ΔK <sub>w</sub><br>(°) |
| KB1/05  | 0.05                                      | 14               | 6.5               | 2-3<br><del>1-3</del>          | 6.5               | 1.5 | 4          | 1x M2<br>0.35                                | 1                | 0.1                                       | 50                                    | 6                                  | 9                                 | 0.1                               | 0.4                              | 1                                |
| KB1/1   | 0.1                                       | 23               | 10                | 1-4                            | 10                | 2   | 6          | 1x M3<br>0.5                                 | 3                | 0.45                                      | 65                                    | 10                                 | 14                                | 0.12                              | 0.2                              | 1.2                              |
| KB1/5   | 0.5                                       | 19               | 15                | 3-8                            | 13.5              | 2   | 6          | 1x M3                                        | 4                | 1.3                                       | 260                                   | 43                                 | 13                                | 0.1                               | 0.2                              | 1                                |
|         |                                           |                  |                   |                                |                   |     |            | 4.5                                          | 1.5              | 200                                       | 18                                    | 10                                 | 0.15                              | 0.3                               | 1.5                              |                                  |
|         |                                           | 0.5              |                   |                                |                   |     |            | 5                                            | 1.6              | 160                                       | 9                                     | 8                                  | 0.2                               | 0.4                               | 2                                |                                  |
| KB1/10  | 1                                         | 21               | 15                | 3-8                            | 13.5              | 2   | 6          | 1x M3                                        | 5.5              | 1.8                                       | 510                                   | 74                                 | 27                                | 0.1                               | 0.2                              | 1                                |
|         |                                           |                  |                   |                                |                   |     |            | 6                                            | 2                | 380                                       | 31                                    | 20                                 | 0.15                              | 0.3                               | 1.5                              |                                  |
|         |                                           | 0.5              |                   |                                |                   |     |            | 7                                            | 2.3              | 310                                       | 16                                    | 16                                 | 0.2                               | 0.4                               | 2                                |                                  |
| KB1/15  | 1.5                                       | 26               | 19                | 3-12                           | 19                | 3   | 8          | 2x M4                                        | 10               | 6                                         | 750                                   | 59                                 | 15                                | 0.1                               | 0.3                              | 1.5                              |
|         |                                           | 30               |                   |                                |                   |     |            | 1.5                                          | 12               | 7.4                                       | 700                                   | 20                                 | 9                                 | 0.15                              | 0.4                              | 2                                |
| KB1/20  | 2                                         | 22               | 24                | 3-14                           | 21.5              | 3   | 6          | 2x M4                                        | 11               | 9.2                                       | 1500                                  | 67                                 | 12                                | 0.15                              | 0.3                              | 1.5                              |
|         |                                           |                  |                   |                                |                   |     |            | 13                                           | 12.6             | 1300                                      | 21                                    | 11                                 | 0.2                               | 0.4                               | 1.5                              |                                  |
|         |                                           | 1.5              |                   |                                |                   |     |            | 15                                           | 13.5             | 1050                                      | 11                                    | 9                                  | 0.25                              | 0.5                               | 2                                |                                  |
| KB1/45  | 4.5                                       | 40               | 32                | 6-19                           | 29                | 4   | 12         | 2x M6                                        | 44               | 68                                        | 6500                                  | 168                                | 32                                | 0.1                               | 0.3                              | 1.5                              |
|         |                                           | 48               |                   |                                |                   |     |            | 3                                            | 50               | 79                                        | 4200                                  | 41                                 | 20                                | 0.2                               | 0.5                              | 2                                |
| KB1/100 | 10                                        | 45               | 40                | 6-24                           | 36                | 4   | 12         | 2x M6                                        | 60               | 150                                       | 8100                                  | 120                                | 27                                | 0.15                              | 0.4                              | 1.5                              |
|         |                                           | 55               |                   |                                |                   |     |            | 3                                            | 79               | 210                                       | 6800                                  | 29                                 | 17                                | 0.3                               | 0.6                              | 2                                |

⊙ Drehzahl: max. 15000 min<sup>-1</sup>

⊙ Nabe: Bohrungstoleranz: H7 Passfedernut nach DIN 6885 wahlweise

⊙ Material: Balg - Edelstahl, Größe 05: Bronze  
Nabe - Aluminium (auch in Edelstahl erhältlich)

⊙ Temperaturbereich: -30° ~ 120°