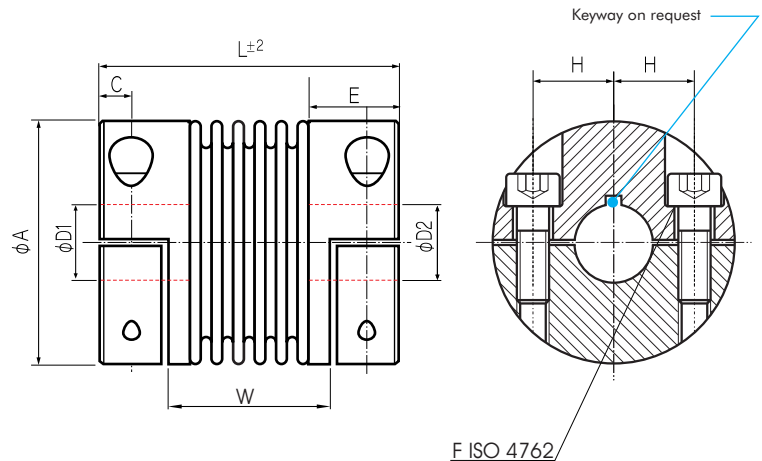
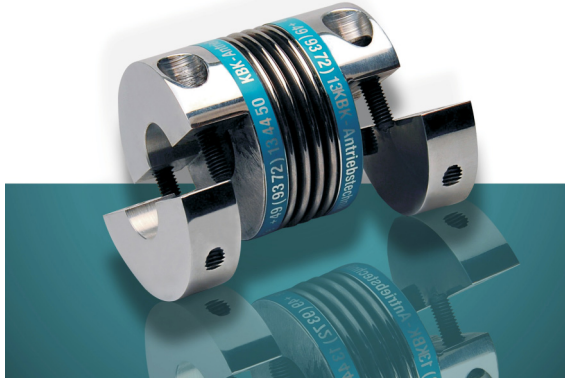


### Bellows Couplings

with Split Hubs



**Order Code: KB 4H / 60 - 83 - 20 - 20 ( - S )**  
 Type / Size      Length      Ø D1 (H7)      Ø D2 (H7)      Options

|          | Torque<br><br>T <sub>KN</sub><br>(Nm) | Dimensions (mm) |            |                       |    |      |      |                                           | Technical Ratings |                                             |                                        |                                    |                                   |                                   |                                  |                                   |     |              |
|----------|---------------------------------------|-----------------|------------|-----------------------|----|------|------|-------------------------------------------|-------------------|---------------------------------------------|----------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|-----------------------------------|-----|--------------|
|          |                                       | L               | Ø A        | D1/D2                 | H  | C    | E    | W                                         | F                 | Mass                                        | Moment<br>of<br>Inertia<br>J<br>(g m²) | Spring Stiffness                   |                                   |                                   | Misalignment                     |                                   |     | max<br>Speed |
|          |                                       | Length<br>(±2)  | Outer<br>Ø | Bore<br>Sizes<br>(H7) |    |      |      | Screw<br>(DIN 912)<br>T <sub>A</sub> (Nm) | (kg)              | torsional<br>C <sub>T</sub> 10³<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) | angular<br>ΔK <sub>w</sub><br>(°) | rpm |              |
| KB4H/18  | 18                                    | 63              | 45         | 10-25.4               | 17 | 5.5  | 19.5 | 37                                        | M5                | 0.1                                         | 0.04                                   | 20                                 | 205                               | 50                                | 0.2                              | 0.5                               | 1.5 | 12800        |
|          |                                       | 71              |            |                       |    |      |      | 45                                        | 8                 | 0.15                                        | 0.05                                   | 15                                 | 82                                | 36                                | 0.25                             | 0.5                               | 2   | 12800        |
| KB4H/30  | 30                                    | 69              | 56         | 10-30                 | 20 | 7.5  | 27   | 35                                        | M6                | 0.3                                         | 0.14                                   | 38                                 | 720                               | 50                                | 0.15                             | 0.6                               | 1.5 | 10300        |
|          |                                       | 77              |            |                       |    |      |      | 43                                        | 15                | 0.32                                        | 0.15                                   | 28                                 | 225                               | 28                                | 0.25                             | 1                                 | 2   | 10300        |
| KB4H/60  | 60                                    | 83              | 66         | 12-35                 | 23 | 9.5  | 31   | 41                                        | M8                | 0.5                                         | 0.28                                   | 75                                 | 1150                              | 90                                | 0.15                             | 0.6                               | 1.5 | 8700         |
|          |                                       | 93              |            |                       |    |      |      | 51                                        | 40                | 0.6                                         | 0.29                                   | 50                                 | 340                               | 50                                | 0.25                             | 1                                 | 2   | 8700         |
| KB4H/80  | 80                                    | 94              | 82         | 12-44                 | 28 | 11   | 36   | 47                                        | M10               | 0.9                                         | 0.65                                   | 128                                | 1200                              | 80                                | 0.2                              | 0.5                               | 1.5 | 6900         |
|          |                                       | 106             |            |                       |    |      |      | 59                                        | 72                | 0.95                                        | 0.67                                   | 75                                 | 400                               | 50                                | 0.25                             | 0.8                               | 2   | 6900         |
| KB4H/150 | 150                                   | 95              | 82         | 14-44                 | 28 | 11   | 36   | 48                                        | M10               | 0.9                                         | 0.82                                   | 155                                | 2020                              | 145                               | 0.2                              | 0.5                               | 1.5 | 6900         |
|          |                                       | 107             |            |                       |    |      |      | 60                                        | 84                | 0.95                                        | 0.86                                   | 105                                | 595                               | 85                                | 0.25                             | 0.5                               | 2   | 6900         |
| KB4H/200 | 200                                   | 105             | 90         | 16-48                 | 31 | 12.5 | 41   | 51                                        | M12               | 1.3                                         | 2.2                                    | 175                                | 2500                              | 145                               | 0.2                              | 0.5                               | 1.5 | 6400         |
|          |                                       | 117             |            |                       |    |      |      | 63                                        | 125               | 1.35                                        | 2.7                                    | 120                                | 460                               | 82                                | 0.25                             | 0.8                               | 2   | 6400         |
| KB4H/300 | 300                                   | 111             | 110        | 20-60                 | 39 | 13   | 43   | 55                                        | M12               | 1.8                                         | 4.2                                    | 502                                | 6300                              | 280                               | 0.2                              | 0.5                               | 1.5 | 6000         |
|          |                                       | 125             |            |                       |    |      |      | 69                                        | 145               | 1.85                                        | 5.2                                    | 285                                | 1400                              | 145                               | 0.25                             | 0.8                               | 2   | 6000         |
| KB4H/500 | 500                                   | 133             | 122        | 25-65                 | 42 | 15   | 51   | 62                                        | M12               | 2.505                                       | 8.6                                    | 690                                | 7790                              | 100                               | 0.2                              | 0.5                               | 1.5 | 5000         |
|          |                                       | 146             |            |                       |    |      |      | 75                                        | 145               | 2.51                                        | 9.3                                    | 320                                | 970                               | 85                                | 0.25                             | 1                                 | 2   | 5000         |

Material: Bellows - Stainless Steel  
Hubs - Aluminium

Temperature Range: -30° ~ 120° C