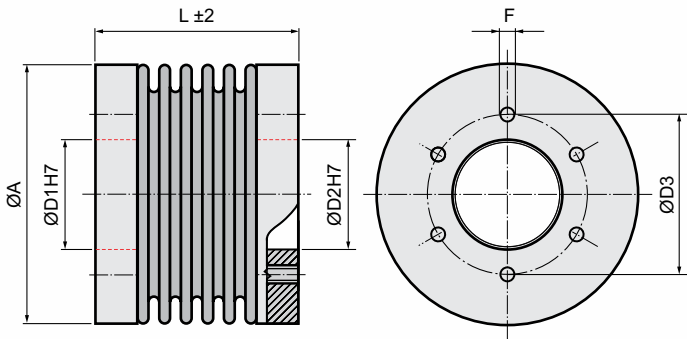
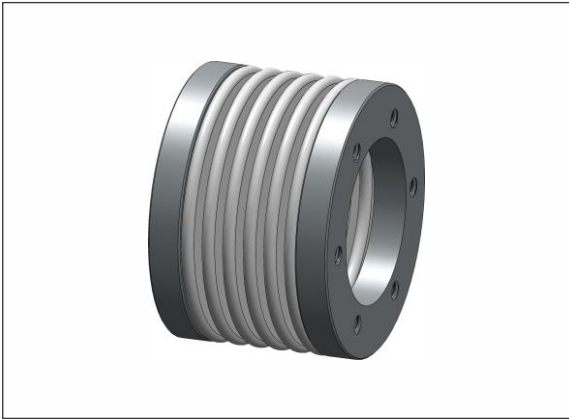


Zero Backlash  
Metal Bellow Coupling



|           | DIMENSIONS (mm)             |                |            |                   |      |     |         | TECHNICAL DATA |                                   |                             |                        |                       |                       |                      |                       |
|-----------|-----------------------------|----------------|------------|-------------------|------|-----|---------|----------------|-----------------------------------|-----------------------------|------------------------|-----------------------|-----------------------|----------------------|-----------------------|
|           | Rated Torque<br>TKN<br>(Nm) | L              | Ø A        | D1/D2             | Ø D3 | C   | F       | Mass<br>(kg)   | Moment of Inertia<br>J<br>(kg m²) | Spring Stiffness            |                        |                       | Misalignment          |                      |                       |
|           |                             | Length<br>(±2) | Outer<br>Ø | Bore Size<br>(H7) |      |     | TAPPING |                |                                   | torsional<br>CT<br>(Nm/rad) | radial<br>CR<br>(N/mm) | axial<br>CA<br>(N/mm) | radial<br>DKr<br>(mm) | axial<br>DKa<br>(mm) | angular<br>DKw<br>(°) |
| ONX7/18   | 18                          | 36             | 45         | 22                | 31   | 31  | M5      | 0.11           | 0.04                              | 20                          | 205                    | 50                    | 0.2                   | 0.5                  | 1.5                   |
|           |                             | 44             |            |                   |      |     |         | 0.12           | 0.04                              | 15                          | 82                     | 36                    | 0.25                  | 0.5                  | 2                     |
| ONX7/30   | 30                          | 30             | 56         | 28                | 37   | 37  | M5      | 0.16           | 0.09                              | 38                          | 720                    | 50                    | 0.15                  | 0.6                  | 1.5                   |
|           |                             | 38             |            |                   |      |     |         | 0.17           | 0.09                              | 28                          | 225                    | 28                    | 0.25                  | 1                    | 2                     |
| ONX7/60   | 60                          | 41             | 66         | 38                | 46   | 46  | M6      | 0.33           | 0.25                              | 75                          | 1150                   | 90                    | 0.15                  | 0.6                  | 1.5                   |
|           |                             | 51             |            |                   |      |     |         | 0.37           | 0.29                              | 50                          | 340                    | 50                    | 0.25                  | 1                    | 2                     |
| ONX7/80   | 80                          | 50             | 82         | 50                | 62   | 62  | M6      | 0.70           | 0.83                              | 128                         | 1200                   | 80                    | 0.2                   | 0.5                  | 1.5                   |
|           |                             | 62             |            |                   |      |     |         | 0.75           | 0.92                              | 75                          | 400                    | 50                    | 0.25                  | 1                    | 2                     |
| ONX7/150  | 150                         | 50             | 82         | 50                | 62   | 62  | M6      | 0.70           | 0.83                              | 155                         | 2020                   | 145                   | 0.2                   | 0.5                  | 1.5                   |
|           |                             | 62             |            |                   |      |     |         | 0.75           | 0.92                              | 105                         | 595                    | 85                    | 0.25                  | 1                    | 2                     |
| ONX7/200  | 200                         | 50             | 90         | 50                | 62   | 62  | M6      | 0.75           | 1.0                               | 175                         | 2500                   | 145                   | 0.2                   | 0.5                  | 1.5                   |
|           |                             | 63             |            |                   |      |     |         | 0.80           | 1.1                               | 120                         | 460                    | 82                    | 0.25                  | 1                    | 2                     |
| ONX7/300  | 300                         | 55             | 110        | 65                | 89   | 89  | M8      | 1.18           | 2.5                               | 502                         | 6300                   | 280                   | 0.2                   | 0.5                  | 1.5                   |
|           |                             | 66             |            |                   |      |     |         | 1.24           | 2.7                               | 285                         | 1400                   | 145                   | 0.25                  | 1                    | 2                     |
| ONX7/500  | 500                         | 61             | 122        | 70                | 94   | 94  | M8      | 1.94           | 5.0                               | 690                         | 7790                   | 100                   | 0.2                   | 0.5                  | 1.5                   |
|           |                             | 72             |            |                   |      |     |         | 2.05           | 5.3                               | 320                         | 970                    | 85                    | 0.25                  | 1                    | 2                     |
| ONX7/800  | 800                         | 77             | 157        | 85                | 110  | 110 | M16     | 1.94           | 5.0                               | 960                         | 2800                   | 185                   | 0.2                   | 0.5                  | 1.5                   |
|           |                             | 95             |            |                   |      |     |         | 2.05           | 5.3                               | 640                         | 990                    | 110                   | 0.25                  | 1                    | 2                     |
| ONX7/1400 | 1400                        | 77             | 157        | 85                | 110  | 110 | M16     | 1.94           | 5.0                               | 1200                        | 3200                   | 280                   | 0.2                   | 0.5                  | 1.5                   |
|           |                             | 95             |            |                   |      |     |         | 2.05           | 5.3                               | 860                         | 1190                   | 225                   | 0.25                  | 1                    | 2                     |
| ONX7/3000 | 3000                        | 144            | 157        | 85                | 110  | 110 | M16     | 3.70           | 16                                | 2600                        | 2950                   | 305                   | 0.2                   | 1                    | 1.5                   |
| ONX7/5000 | 5000                        | 146            | 208        | 100               | 130  | 130 | M16     | 8.20           | 61                                | 4810                        | 4915                   | 505                   | 0.2                   | 1                    | 1.5                   |

ORDER CODE EXAMPLE

|             |   |             |   |               |                   |                   |
|-------------|---|-------------|---|---------------|-------------------|-------------------|
| ONX 7 / 60  | - | 51          | - | 38            | H7                |                   |
| Type / Size |   | Length<br>L |   | Bore<br>(ØD1) | Bore<br>Tolerance | Custom<br>Options |

PROPERTIES

Material (Standard):  
Bellow - Stainless Steel  
Hubs - Steel Alloy

Temperature Range:  
-30° to +120°C (3.6F - 250F)

Speeds:  
max. 15000 min-1

Dimension : unit(mm)