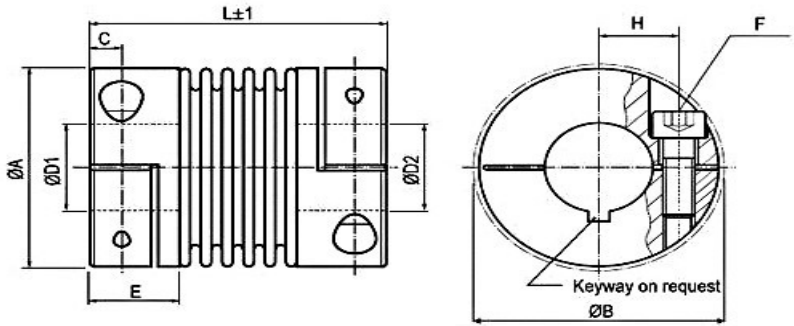


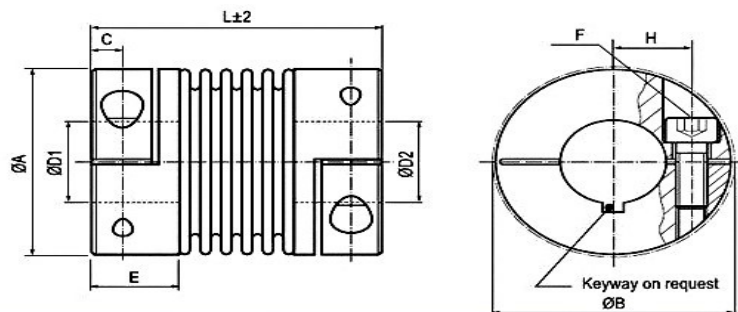
BP2 型波紋管聯軸器



訂購範例: BP2 - 15 / 26 Φ3 × Φ10  
規格 - Size / L D1 × D2

| Size | Torque<br>TKN<br>(Nm) | Dimensions(mm)  |                      |                   |      |      |     |      |                |                              | Technical Data |                                                      |                             |                        |                       |                       |                      |                       |
|------|-----------------------|-----------------|----------------------|-------------------|------|------|-----|------|----------------|------------------------------|----------------|------------------------------------------------------|-----------------------------|------------------------|-----------------------|-----------------------|----------------------|-----------------------|
|      |                       | L<br><br>Length | ΦA<br><br>Outer<br>Φ | D1/D2             |      | H    | C   | ΦB   | E              | F                            | Mass<br>(g)    | Moment<br>of<br>inertia<br>j<br>(g cm <sup>2</sup> ) | Spring Stiffness            |                        |                       | Misalignment          |                      |                       |
|      |                       |                 |                      | Bore<br>Sizes(H7) |      |      |     |      | Hub-<br>length | Screw<br>(ISO4762)<br>TA(Nm) |                |                                                      | torsional<br>CT<br>(Nm/rad) | radial<br>CR<br>(N/mm) | axial<br>CA<br>(N/mm) | radiai<br>△Kr<br>(mm) | axiai<br>△Ka<br>(mm) | Angular<br>△Kw<br>(°) |
|      |                       |                 |                      | min               | max  |      |     |      |                |                              |                |                                                      |                             |                        |                       |                       |                      |                       |
| 1    | 0.1                   | 25              | 10                   | 1                 | 4    | 3.4  | 2   | 11   | 7              | M1.6<br>0.1                  | 3              | 0.5                                                  | 65                          | 10                     | 14                    | 0.12                  | 0.2                  | 1.2                   |
| 5    | 0.5                   | 21              | 15.5                 | 3                 | 8    | 5.2  | 2.5 | 17.5 | 7              | M2                           | 7.5            | 2.7                                                  | 260                         | 43                     | 13                    | 0.1                   | 0.2                  | 1                     |
|      |                       | 25              |                      | 8#                | 0.43 |      |     |      |                | 7.8                          | 2.8            | 200                                                  | 18                          | 10                     | 0.15                  | 0.3                   | 1.5                  |                       |
|      |                       | 28              |                      |                   | 8.2  |      |     |      |                | 3                            | 160            | 9                                                    | 8                           | 0.2                    | 0.4                   | 2                     |                      |                       |
| 10   | 1                     | 23              | 15.5                 | 3                 | 8    | 5.2  | 2.5 | 17.5 | 7              | M2                           | 9              | 3.1                                                  | 510                         | 74                     | 27                    | 0.1                   | 0.2                  | 1                     |
|      |                       | 26              |                      | 8#                | 0.43 |      |     |      |                | 9.3                          | 3.4            | 380                                                  | 31                          | 20                     | 0.15                  | 0.3                   | 1.5                  |                       |
|      |                       | 31              |                      |                   | 10   |      |     |      |                | 3.7                          | 310            | 16                                                   | 16                          | 0.2                    | 0.4                   | 2                     |                      |                       |
| 15   | 1.5                   | 26              | 20                   | 3                 | 10   | 7    | 3   | 21   | 8.5            | M2.5                         | 13             | 8                                                    | 750                         | 59                     | 15                    | 0.1                   | 0.3                  | 1.5                   |
|      |                       | 31              |                      | 10#               | 0.85 |      |     |      |                | 15                           | 9.3            | 700                                                  | 20                          | 9                      | 0.15                  | 0.4                   | 2                    |                       |
| 20   | 2                     | 32              | 25                   | 3                 | 14   | 9    | 3.5 | 27   | 11             | M3                           | 29             | 24                                                   | 1500                        | 67                     | 12                    | 0.15                  | 0.3                  | 1.5                   |
|      |                       | 38              |                      | 14#               | 2    |      |     |      |                | 32                           | 27             | 1300                                                 | 21                          | 11                     | 0.2                   | 0.4                   | 1.5                  |                       |
|      |                       | 42              |                      |                   | 33   |      |     |      |                | 29                           | 1050           | 11                                                   | 9                           | 0.25                   | 0.5                   | 2                     |                      |                       |
| 45   | 4.5                   | 41              | 32.5                 | 6                 | 18   | 12   | 5   | 34   | 13             | M4                           | 61             | 100                                                  | 6500                        | 168                    | 32                    | 0.1                   | 0.3                  | 1.5                   |
|      |                       | 50              |                      | 18#               | 3.5  |      |     |      |                | 67                           | 112            | 4200                                                 | 41                          | 20                     | 0.2                   | 0.5                   | 2                    |                       |
| 100  | 10                    | 47              | 40.5                 | 6                 | 25   | 15.5 | 5   | 41.5 | 13.5           | M4                           | 86             | 233                                                  | 8100                        | 120                    | 27                    | 0.15                  | 0.4                  | 1.5                   |
|      |                       | 57              |                      | 25#               | 4.5  |      |     |      |                | 106                          | 290            | 6800                                                 | 29                          | 17                     | 0.3                   | 0.6                   | 2                    |                       |

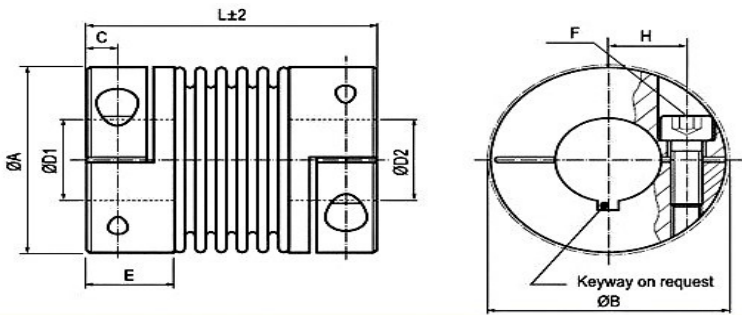
## 興中軸承有限公司 Surun Technology Corp



**規格 - Size / L D1 × D2**

| Size | Torque<br>TKN<br>(Nm) | Dimensions(mm) |            |                |      |    |      |      |       | Technical Data               |              |                                         |                                 |                        |                       |                       |                      |                       |                       |
|------|-----------------------|----------------|------------|----------------|------|----|------|------|-------|------------------------------|--------------|-----------------------------------------|---------------------------------|------------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
|      |                       | L              | ΦA         | D1/D2          |      | H  | C    | E    | B     | F                            | Mass<br>(kg) | Moment<br>of<br>inertia<br>J<br>(g cm²) | Spring Stiffness                |                        |                       | Misalignment          |                      |                       | Max<br>speed<br>min-1 |
|      |                       | Length         | Outer<br>Φ | Bore Sizes(H7) |      |    |      |      |       | Screw<br>(ISO4762)<br>TA(Nm) |              |                                         | torsional<br>CT 10³<br>(Nm/rad) | radial<br>CR<br>(N/mm) | axial<br>CA<br>(N/mm) | radiai<br>ΔKr<br>(mm) | axiai<br>ΔKa<br>(mm) | Angular<br>ΔKw<br>(°) |                       |
|      |                       |                |            | min            | max  |    |      |      |       |                              |              |                                         |                                 |                        |                       |                       |                      |                       |                       |
| 18   | 18                    | 63             | 45         | 10             | 25.4 | 17 | 5.5  | 19.5 | 47.4  | M5                           | 0.1          | 0.04                                    | 20                              | 205                    | 50                    | 0.2                   | 0.5                  | 1.5                   | 12800                 |
|      |                       | 71             |            |                |      |    |      |      |       | 8                            | 0.15         | 0.05                                    | 15                              | 82                     | 36                    | 0.25                  | 0.5                  | 2                     | 12800                 |
| 30   | 30                    | 65             | 56         | 10             | 32   | 20 | 7.5  | 24.5 | 56.4  | M6                           | 0.3          | 0.15                                    | 38                              | 720                    | 50                    | 0.15                  | 0.6                  | 1.5                   | 10300                 |
|      |                       | 73             |            | 30#            |      |    |      |      |       | 15                           | 0.32         | 0.16                                    | 28                              | 225                    | 28                    | 0.25                  | 1                    | 2                     | 10300                 |
| 60   | 60                    | 79             | 66         | 12             | 35   | 23 | 10   | 29   | 66    | M8                           | 0.5          | 0.33                                    | 75                              | 1150                   | 90                    | 0.15                  | 0.6                  | 1.5                   | 8700                  |
|      |                       | 89             |            |                |      |    |      |      |       | 40                           | 0.6          | 0.36                                    | 50                              | 340                    | 50                    | 0.25                  | 1                    | 2                     | 8700                  |
| 80   | 80                    | 91             | 82         | 14             | 44   | 28 | 11   | 33.5 | 82.9  | M10                          | 2.3          | 2.3                                     | 128                             | 1200                   | 80                    | 0.2                   | 0.5                  | 1.5                   | 6900                  |
|      |                       | 102            |            |                |      |    |      |      |       | 84                           | 2.4          | 2.4                                     | 75                              | 400                    | 50                    | 0.25                  | 0.8                  | 2                     | 6900                  |
| 150  | 150                   | 91             | 82         | 19             | 44   | 28 | 11   | 33.5 | 82.9  | M10                          | 2.3          | 2.5                                     | 155                             | 2020                   | 145                   | 0.2                   | 0.5                  | 1.5                   | 6900                  |
|      |                       | 102            |            |                |      |    |      |      |       | 84                           | 2.4          | 2.6                                     | 105                             | 595                    | 85                    | 0.25                  | 0.8                  | 2                     | 6900                  |
| 200  | 200                   | 101            | 90         | 22             | 47   | 31 | 13   | 38   | 90.8  | M12                          | 2.6          | 3.3                                     | 175                             | 2500                   | 145                   | 0.2                   | 0.5                  | 1.5                   | 6400                  |
|      |                       | 113            |            |                |      |    |      |      |       | 125                          | 2.7          | 3.5                                     | 120                             | 460                    | 82                    | 0.25                  | 0.8                  | 2                     | 6400                  |
| 300  | 300                   | 105            | 110        | 30             | 60   | 40 | 13   | 38   | 110   | M12                          | 4.3          | 7.6                                     | 502                             | 6300                   | 280                   | 0.2                   | 0.5                  | 1.5                   | 6000                  |
|      |                       | 116            |            |                |      |    |      |      |       | 145                          | 4.4          | 7.8                                     | 285                             | 1400                   | 145                   | 0.25                  | 0.8                  | 2                     | 6000                  |
| 500  | 500                   | 112            | 122        | 35             | 70   | 42 | 15   | 42   | 122   | M12                          | 5.5          | 13.5                                    | 690                             | 7790                   | 100                   | 0.2                   | 0.5                  | 1.5                   | 5000                  |
|      |                       | 123            |            |                |      |    |      |      |       | 145                          | 5.6          | 13.7                                    | 320                             | 970                    | 85                    | 0.25                  | 1                    | 2                     | 5000                  |
| 800  | 800                   | 168            | 157        | 40             | 80   | 55 | 22.5 | 55   | 170.3 | 2×M20                        | 14.3         | 56.9                                    | 1270                            | 700                    | 275                   | 0.2                   | 0.8                  | 1.8                   | 5000                  |
|      |                       |                |            |                |      |    |      |      |       | 400                          |              |                                         |                                 |                        |                       |                       |                      |                       |                       |
| 1400 | 1400                  | 168            | 157        | 50             | 80   | 55 | 22.5 | 55   | 170.3 | 2×M20                        | 14.8         | 57.7                                    | 1270                            | 700                    | 275                   | 0.2                   | 0.8                  | 1.8                   | 5000                  |
|      |                       |                |            |                |      |    |      |      |       | 470                          |              |                                         |                                 |                        |                       |                       |                      |                       |                       |

BP4C 型波紋管聯軸器

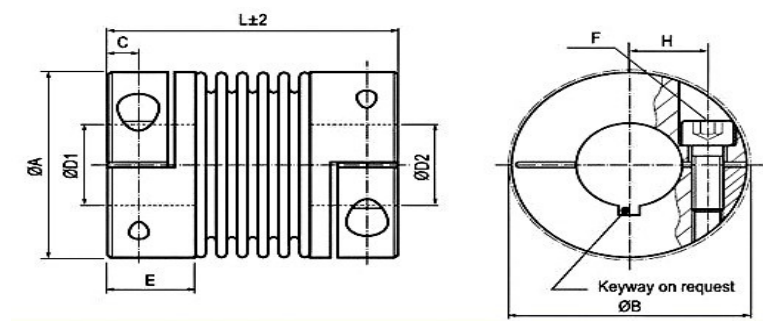


訂購範例：BP4C - 60 / 67  $\Phi 15 \times \Phi 32$

規格 - Size / L D1  $\times$  D2

| Size | Torque<br>TKN<br>(Nm) | Dimensions(mm) |            |                |      |    |      |      |      |                              | Technical Data |                                                     |                                             |                        |                       |                       |                      |                       |                       |
|------|-----------------------|----------------|------------|----------------|------|----|------|------|------|------------------------------|----------------|-----------------------------------------------------|---------------------------------------------|------------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
|      |                       | L              | ΦA         | D1/D2          |      | H  | C    | E    | B    | F                            | Mass<br>(kg)   | Moment<br>of<br>inertia<br>J<br>(g m <sup>2</sup> ) | Spring Stiffness                            |                        |                       | Misalignment          |                      |                       | Max<br>speed<br>min-1 |
|      |                       | Length         | Outer<br>Φ | Bore Sizes(H7) |      |    |      |      |      | Screw<br>(ISO4762)<br>TA(Nm) |                |                                                     | torsional<br>CT 10 <sup>3</sup><br>(Nm/rad) | radial<br>CR<br>(N/mm) | axial<br>CA<br>(N/mm) | radiai<br>ΔKr<br>(mm) | axiai<br>ΔKa<br>(mm) | Angular<br>ΔKw<br>(°) |                       |
|      |                       |                |            | min            | max  |    |      |      |      |                              |                |                                                     |                                             |                        |                       |                       |                      |                       |                       |
| 18   | 18                    | 58             | 45         | 10             | 25.4 | 17 | 5.5  | 17.5 | 47.4 | M5                           | 0.07           | 0.03                                                | 20                                          | 205                    | 50                    | 0.2                   | 0.5                  | 1.5                   | 12800                 |
|      |                       | 66             |            |                |      |    |      |      |      | 8                            | 0.12           | 0.04                                                | 15                                          | 82                     | 36                    | 0.25                  | 0.5                  | 2                     | 12800                 |
| 30   | 30                    | 58             | 56         | 10             | 32   | 20 | 7.3  | 21   | 56.4 | M6                           | 0.26           | 0.13                                                | 38                                          | 720                    | 50                    | 0.15                  | 0.6                  | 1.5                   | 10300                 |
|      |                       | 66             |            | 30#            |      |    |      |      |      | 15                           | 0.27           | 0.14                                                | 28                                          | 225                    | 28                    | 0.25                  | 1                    | 2                     | 10300                 |
| 60   | 60                    | 67             | 66         | 12             | 35   | 24 | 8.6  | 24   | 66.2 | M8                           | 0.38           | 0.28                                                | 75                                          | 1150                   | 90                    | 0.15                  | 0.6                  | 1.5                   | 8700                  |
|      |                       | 77             |            |                |      |    |      |      |      | 40                           | 0.42           | 0.31                                                | 50                                          | 340                    | 50                    | 0.25                  | 1                    | 2                     | 8700                  |
| 80   | 80                    | 78             | 82         | 12             | 44   | 28 | 9.8  | 27   | 82.9 | M10                          | 0.70           | 0.78                                                | 128                                         | 1200                   | 80                    | 0.2                   | 0.5                  | 1.5                   | 6900                  |
|      |                       | 89             |            |                |      |    |      |      |      | 84                           | 0.76           | 0.85                                                | 75                                          | 400                    | 50                    | 0.25                  | 0.8                  | 2                     | 6900                  |
| 150  | 150                   | 78             | 82         | 14             | 44   | 28 | 9.8  | 27   | 82.9 | M10                          | 0.73           | 0.82                                                | 155                                         | 2020                   | 145                   | 0.2                   | 0.5                  | 1.5                   | 6900                  |
|      |                       | 89             |            |                |      |    |      |      |      | 84                           | 0.80           | 0.89                                                | 105                                         | 595                    | 85                    | 0.25                  | 0.8                  | 2                     | 6900                  |
| 200  | 200                   | 83             | 90         | 16             | 47   | 31 | 10.8 | 29   | 90.8 | M12                          | 0.89           | 1.19                                                | 175                                         | 2500                   | 145                   | 0.2                   | 0.5                  | 1.5                   | 6400                  |
|      |                       | 94             |            |                |      |    |      |      |      | 125                          | 0.95           | 1.27                                                | 120                                         | 460                    | 82                    | 0.25                  | 0.8                  | 2                     | 6400                  |
| 300  | 300                   | 94             | 110        | 20             | 60   | 40 | 11.8 | 32.5 | 110  | M12                          | 1.37           | 2.74                                                | 502                                         | 6300                   | 280                   | 0.2                   | 0.5                  | 1.5                   | 6000                  |
|      |                       | 105            |            |                |      |    |      |      |      | 145                          | 1.43           | 2.86                                                | 285                                         | 1400                   | 145                   | 0.25                  | 0.8                  | 2                     | 6000                  |
| 500  | 500                   | 100            | 122        | 25             | 70   | 42 | 13.3 | 36   | 122  | M12                          | 1.81           | 4.45                                                | 690                                         | 7790                   | 100                   | 0.2                   | 0.5                  | 1.5                   | 5000                  |
|      |                       | 111            |            |                |      |    |      |      |      | 145                          | 1.91           | 4.69                                                | 320                                         | 970                    | 85                    | 0.25                  | 1                    | 2                     | 5000                  |

BP4AL 型波紋管聯軸器

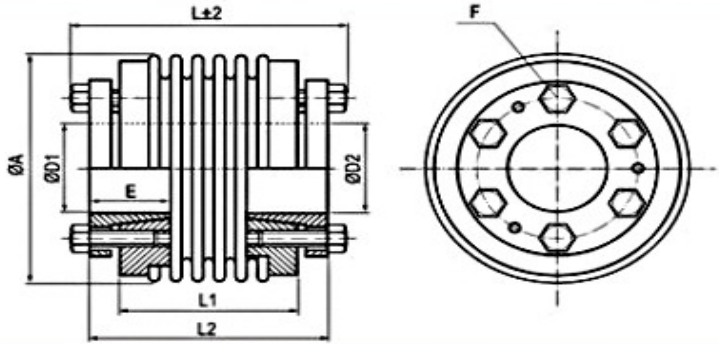


訂購範例：BP4AL - 150 / 91 Φ15 × Φ35

規格 - Size / L D1 × D2

| Size | Torque<br>TKN<br>(Nm) | Dimensions(mm) |            |                |     |    |    |      |      | Technical Data               |              |                                        |                                 |                        |                       |                       |                      |                       |                       |
|------|-----------------------|----------------|------------|----------------|-----|----|----|------|------|------------------------------|--------------|----------------------------------------|---------------------------------|------------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
|      |                       | L              | ΦA         | D1/D2          |     | H  | C  | E    | B    | F                            | Mass<br>(kg) | Moment<br>of<br>inertia<br>J<br>(g m²) | Spring Stiffness                |                        |                       | Misalignment          |                      |                       | Max<br>speed<br>min-1 |
|      |                       | Length         | Outer<br>Φ | Bore Sizes(H7) |     |    |    |      |      | Screw<br>(ISO4762)<br>TA(Nm) |              |                                        | torsional<br>CT 10³<br>(Nm/rad) | radial<br>CR<br>(N/mm) | axial<br>CA<br>(N/mm) | radiai<br>ΔKr<br>(mm) | axiai<br>ΔKa<br>(mm) | Angular<br>ΔKw<br>(°) |                       |
|      |                       |                |            | min            | max |    |    |      |      |                              |              |                                        |                                 |                        |                       |                       |                      |                       |                       |
| 80   | 80                    | 91             | 82         | 12             | 44  | 28 | 11 | 33.5 | 82.9 | M10                          | 0.8          | 0.90                                   | 128                             | 1200                   | 80                    | 0.2                   | 0.5                  | 1.5                   | 6900                  |
|      |                       | 102            |            |                |     |    |    |      |      | 84                           | 0.85         | 0.95                                   | 75                              | 400                    | 50                    | 0.25                  | 0.8                  | 2                     | 6900                  |
| 150  | 150                   | 91             | 82         | 14             | 44  | 28 | 11 | 33.5 | 82.9 | M10                          | 0.9          | 1.0                                    | 155                             | 2020                   | 145                   | 0.2                   | 0.5                  | 1.5                   | 6900                  |
|      |                       | 102            |            |                |     |    |    |      |      | 84                           | 0.95         | 1.05                                   | 105                             | 595                    | 85                    | 0.25                  | 0.8                  | 2                     | 6900                  |
| 200  | 200                   | 101            | 90         | 16             | 47  | 31 | 13 | 38   | 90.8 | M12                          | 1.17         | 1.49                                   | 175                             | 2500                   | 145                   | 0.2                   | 0.5                  | 1.5                   | 6400                  |
|      |                       | 113            |            |                |     |    |    |      |      | 125                          | 1.21         | 1.57                                   | 120                             | 460                    | 82                    | 0.25                  | 0.8                  | 2                     | 6400                  |
| 300  | 300                   | 105            | 110        | 20             | 60  | 40 | 13 | 38   | 110  | M12                          | 1.62         | 3.28                                   | 502                             | 6300                   | 280                   | 0.2                   | 0.5                  | 1.5                   | 6000                  |
|      |                       | 116            |            |                |     |    |    |      |      | 145                          | 1.66         | 3.37                                   | 285                             | 1400                   | 145                   | 0.25                  | 0.8                  | 2                     | 6000                  |
| 500  | 500                   | 112            | 122        | 25             | 70  | 42 | 15 | 42   | 122  | M12                          | 2.4          | 6.4                                    | 690                             | 7790                   | 100                   | 0.2                   | 0.5                  | 1.5                   | 5000                  |
|      |                       | 123            |            |                |     |    |    |      |      | 145                          | 2.5          | 6.7                                    | 320                             | 970                    | 85                    | 0.25                  | 1.0                  | 2                     | 5000                  |

BP5 型波紋管聯軸器



訂購範例：BP5 - 60 / 73 Φ15 × Φ25

規格 - Size / L D1 × D2

| Size | Torque<br>TKN<br>(Nm) | Dimensions(mm) |            |                |     |                     |     |     |                              | Technical Data |                                        |                                 |                        |                       |                       |                      |                       |                       |
|------|-----------------------|----------------|------------|----------------|-----|---------------------|-----|-----|------------------------------|----------------|----------------------------------------|---------------------------------|------------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|
|      |                       | L              | ΦA         | D1/D2          |     | E                   | L1  | L2  | F                            | Mass<br>(kg)   | Moment<br>of<br>inertia<br>J<br>(g m²) | Spring Stiffness                |                        |                       | Misalignment          |                      |                       | Max<br>speed<br>min-1 |
|      |                       | Length         | Outer<br>Φ | Bore Sizes(H7) |     | Hub-<br>length<br>h |     |     | Screw<br>(ISO4762)<br>TA(Nm) |                |                                        | torsional<br>CT 10³<br>(Nm/rad) | radial<br>CR<br>(N/mm) | axial<br>CA<br>(N/mm) | radiai<br>ΔKr<br>(mm) | axiai<br>ΔKa<br>(mm) | Angular<br>ΔKw<br>(°) |                       |
|      |                       |                |            | min            | max |                     |     |     |                              |                |                                        |                                 |                        |                       |                       |                      |                       |                       |
| 18   | 18                    | 63             | 45         | 10             | 18  | 20                  | 38  | 56  | 4×M5                         | 0.36           | 0.075                                  | 20                              | 205                    | 50                    | 0.2                   | 0.5                  | 1.5                   | 1150                  |
|      |                       | 71             |            |                |     |                     | 46  | 64  | 4.5                          | 0.37           | 0.078                                  | 15                              | 82                     | 36                    | 0.25                  | 0.5                  | 2                     |                       |
| 30   | 30                    | 53             | 56         | 12             | 20  | 20                  | 30  | 46  | 6×M5                         | 0.4            | 0.11                                   | 38                              | 720                    | 50                    | 0.15                  | 0.6                  | 1.5                   | 11000                 |
|      |                       | 61             |            |                |     |                     | 38  | 54  | 4.5                          | 0.42           | 0.12                                   | 28                              | 225                    | 25                    | 0.25                  | 1                    | 2                     |                       |
| 60   | 60                    | 62             | 66         | 15             | 25  | 25                  | 36  | 54  | 6×M6                         | 0.77           | 0.32                                   | 75                              | 1150                   | 90                    | 0.15                  | 0.6                  | 1.5                   | 9100                  |
|      |                       | 73             |            |                |     |                     | 47  | 65  | 8.5                          | 0.79           | 0.34                                   | 50                              | 340                    | 50                    | 0.25                  | 1                    | 2                     |                       |
| 80   | 80                    | 78             | 82         | 20             | 35  | 30                  | 50  | 70  | 6×M6                         | 1.34           | 1.05                                   | 128                             | 1200                   | 80                    | 0.2                   | 0.5                  | 1.5                   | 7000                  |
|      |                       | 90             |            |                |     |                     | 62  | 82  | 10                           | 1.39           | 1.11                                   | 75                              | 400                    | 50                    | 0.25                  | 0.8                  | 2                     |                       |
| 150  | 150                   | 78             | 82         | 20             | 35  | 30                  | 50  | 70  | 6×M6                         | 1.36           | 1.15                                   | 155                             | 2020                   | 145                   | 0.2                   | 0.5                  | 1.5                   | 7000                  |
|      |                       | 90             |            |                |     |                     | 62  | 82  | 15                           | 1.41           | 1.21                                   | 105                             | 595                    | 85                    | 0.25                  | 0.8                  | 2                     |                       |
| 200  | 200                   | 78             | 90         | 20             | 40  | 30                  | 50  | 70  | 6×M8                         | 1.59           | 1.39                                   | 175                             | 2500                   | 145                   | 0.2                   | 0.5                  | 1.5                   | 6700                  |
|      |                       | 91             |            |                |     |                     | 63  | 83  | 17                           | 1.66           | 1.49                                   | 120                             | 460                    | 82                    | 0.25                  | 1                    | 2                     |                       |
| 300  | 300                   | 90             | 110        | 25             | 50  | 37                  | 56  | 80  | 6×M8                         | 3.26           | 4.66                                   | 502                             | 6300                   | 280                   | 0.2                   | 0.5                  | 1.5                   | 5200                  |
|      |                       | 102            |            |                |     |                     | 67  | 91  | 25                           | 3.32           | 4.81                                   | 285                             | 1400                   | 145                   | 0.25                  | 1                    | 2                     |                       |
| 500  | 500                   | 101            | 122        | 35             | 55  | 40                  | 66  | 90  | 6×M16                        | 3.78           | 6.11                                   | 690                             | 7790                   | 100                   | 0.2                   | 0.5                  | 1.5                   | 4600                  |
|      |                       | 112            |            |                |     |                     | 77  | 101 | 45                           | 3.87           | 6.38                                   | 320                             | 970                    | 85                    | 0.25                  | 1                    | 2                     |                       |
| 800  | 800                   | 170            | 157        | 50             | 70  | 60                  | 110 | 150 | 6×M16<br>45                  | 9.05           | 24.05                                  | 760                             | 500                    | 185                   | 0.2                   | 0.8                  | 1.8                   | 3700                  |
| 1400 | 1400                  | 170            | 157        | 50             | 70  | 60                  | 110 | 150 | 6×M16<br>80                  | 9.15           | 24.2                                   | 1270                            | 700                    | 275                   | 0.2                   | 0.8                  | 1.8                   | 3700                  |
| 3000 | 3000                  | 206            | 157        | 55             | 85  | 60                  | 150 | 190 | 6×M12<br>85                  | 9.43           | 25.7                                   | 2810                            | 2945                   | 1300                  | 0.2                   | 0.8                  | 1.5                   | 2800                  |
| 5000 | 5000                  | 206            | 208        | 60             | 95  | 80                  | 146 | 186 | 6×M16<br>210                 | 19.9           | 96.7                                   | 4810                            | 4915                   | 505                   | 0.2                   | 0.8                  | 1.5                   | 2800                  |