

螺钉夹紧型 ▶  
不锈钢 单膜片/双膜片

经济型膜片式联轴器

| 代码      | 类型    | 材质  |     | 表面处理 | 附件       |
|---------|-------|-----|-----|------|----------|
|         |       | 主体  | 膜片  |      |          |
| Y-CAB03 | 螺钉夹紧型 | 单膜片 | 不锈钢 | —    | 内六角圆柱头螺钉 |
| Y-CAB04 |       | 双膜片 | 不锈钢 |      |          |

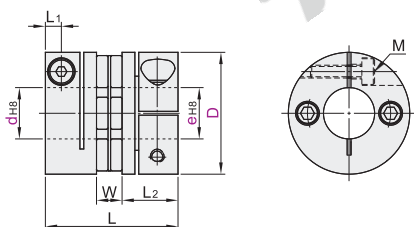
特点

- 高扭矩，高刚性；
- 零回转间隙；
- 顺时针和逆时针回转时特性完全一样；
- 不锈钢膜片能补偿径向、角向、轴向偏差；
- 采用摩擦结合进行传递、无间隙、最适合超精密控制。

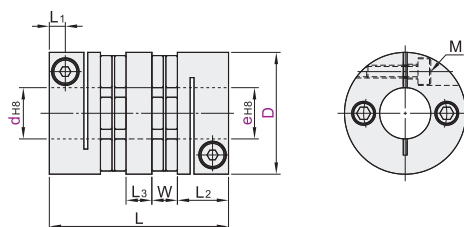


RoHS

单膜片  
Y-CAB03



双膜片  
Y-CAB04



视角标准：第一视角

| 型号             |    | d-e |      |       |       |      |      |      |       |       |       |    |      |       |       |    |      |       |       |    |    |      |       |    |       |       |       |      |      |      |       |    |    |    |      |    |    |    |  |
|----------------|----|-----|------|-------|-------|------|------|------|-------|-------|-------|----|------|-------|-------|----|------|-------|-------|----|----|------|-------|----|-------|-------|-------|------|------|------|-------|----|----|----|------|----|----|----|--|
| 代码             | D  |     |      |       |       |      |      |      |       |       |       |    |      |       |       |    |      |       |       |    |    |      |       |    |       |       |       |      |      |      |       |    |    |    |      |    |    |    |  |
| 单膜片<br>Y-CAB03 | 19 | d   | 3    |       |       | 4    |      |      | 5     |       |       | 6  |      |       | 6.35  |    | 7    |       | 8     |    |    |      |       |    |       |       |       |      |      |      |       |    |    |    |      |    |    |    |  |
|                |    | e   | 3    | 4     | 5     | 6    | 6.35 | 7    | 8     | 4     | 5     | 6  | 6.35 | 7     | 8     | 6  | 6.35 | 7     | 8     |    |    |      |       |    |       |       |       |      |      |      |       |    |    |    |      |    |    |    |  |
|                | 26 | d   | 4    |       |       |      | 5    |      |       |       | 6     |    |      |       | 6.35  |    |      |       | 7     |    | 8  |      | 9     |    | 9.525 |       | 10    |      | 11   |      |       |    |    |    |      |    |    |    |  |
|                |    | e   | 4    | 5     | 6     | 6.35 | 7    | 8    | 9     | 9.525 | 10    | 11 | 5    | 6     | 6.35  | 7  | 8    | 9     | 9.525 | 10 | 11 | 6    | 6.35  | 7  | 8     | 9     | 9.525 | 10   | 11   | 10   | 11    | 11 |    |    |      |    |    |    |  |
|                | 29 | d   | 5    |       |       |      | 6    |      |       |       | 6.35  |    |      |       | 7     |    |      |       | 8     |    | 9  |      | 9.525 |    | 10    |       | 11    |      | 12   |      | 12.7  |    | 13 |    | 14   |    |    |    |  |
|                |    | e   | 5    | 6     | 6.35  | 7    | 8    | 9    | 9.525 | 10    | 11    | 12 | 6    | 6.35  | 7     | 8  | 9    | 9.525 | 10    | 11 | 12 | 12.7 | 13    | 14 | 5     | 6     | 6.35  | 7    | 8    | 9    | 9.525 | 10 | 11 | 12 | 12.7 | 13 | 14 |    |  |
|                | 34 | d   | 5    |       |       |      | 6    |      |       |       | 6.35  |    |      |       | 7     |    |      |       | 8     |    | 9  |      | 9.525 |    | 10    |       | 11    |      | 12   |      | 12.7  |    | 13 |    | 14   |    | 15 |    |  |
|                |    | e   | 5    | 6     | 6.35  | 7    | 8    | 9    | 9.525 | 10    | 11    | 12 | 6    | 6.35  | 7     | 8  | 9    | 9.525 | 10    | 11 | 12 | 12.7 | 13    | 14 | 5     | 6     | 6.35  | 7    | 8    | 9    | 9.525 | 10 | 11 | 12 | 12.7 | 13 | 14 |    |  |
|                | 39 | d   | 8    |       |       |      | 9    |      |       |       | 9.525 |    |      |       | 10    |    |      |       | 11    |    | 12 |      | 12.7  |    | 13    |       | 14    |      | 15   |      | 16    |    |    |    |      |    |    |    |  |
|                |    | e   | 8    | 9     | 9.525 | 10   | 11   | 12   | 12.7  | 13    | 14    | 15 | 16   | 9     | 9.525 | 10 | 11   | 12    | 12.7  | 13 | 14 | 15   | 16    | 8  | 9     | 9.525 | 10    | 11   | 12   | 12.7 | 13    | 14 | 15 | 16 |      |    |    |    |  |
| 44             | d  | 8   |      |       |       | 9    |      |      |       | 9.525 |       |    |      | 10    |       |    |      | 11    |       | 12 |    | 12.7 |       | 13 |       | 14    |       | 15   |      | 16   |       | 17 |    | 18 |      | 19 |    | 20 |  |
|                | e  | 8   | 9    | 9.525 | 10    | 11   | 12   | 12.7 | 13    | 14    | 15    | 16 | 9    | 9.525 | 10    | 11 | 12   | 12.7  | 13    | 14 | 15 | 16   | 8     | 9  | 9.525 | 10    | 11    | 12   | 12.7 | 13   | 14    | 15 | 16 | 17 | 18   | 19 | 20 |    |  |
| 56             | d  | 12  |      |       |       | 12.7 |      |      |       | 13    |       |    |      | 14    |       |    |      | 15    |       | 16 |    | 17   |       | 18 |       | 19    |       | 20   |      | 22   |       | 24 |    | 25 |      |    |    |    |  |
|                | e  | 12  | 12.7 | 13    | 14    | 15   | 16   | 17   | 18    | 19    | 20    | 22 | 24   | 25    | 12.7  | 13 | 14   | 15    | 16    | 17 | 18 | 19   | 20    | 22 | 24    | 25    | 12    | 12.7 | 13   | 14   | 15    | 16 | 17 | 18 | 19   | 20 |    |    |  |
| 68             | d  | 14  |      |       |       | 15   |      |      |       | 16    |       |    |      | 18    |       |    |      | 19    |       | 20 |    | 22   |       | 24 |       | 25    |       | 25.4 |      | 26   |       | 28 |    | 30 |      |    |    |    |  |
|                | e  | 14  | 15   | 16    | 18    | 19   | 20   | 22   | 24    | 25    | 26    | 28 | 30   | 15    | 16    | 17 | 18   | 19    | 20    | 22 | 24 | 25   | 14    | 15 | 16    | 18    | 19    | 20   | 22   | 24   | 25    | 26 | 28 | 30 |      |    |    |    |  |
| 82             | d  | 24  |      |       |       | 25   |      |      |       | 25.4  |       |    |      | 26    |       |    |      | 28    |       | 30 |    | 32   |       | 35 |       |       |       |      |      |      |       |    |    |    |      |    |    |    |  |
|                | e  | 24  | 25   | 25.4  | 26    | 28   | 30   | 32   | 35    | 25    | 26    | 28 | 30   | 24    | 25    | 26 | 28   | 30    | 32    | 35 | 24 | 25   | 26    | 28 | 30    | 32    | 35    | 24   | 25   | 26   | 28    | 30 |    |    |      |    |    |    |  |

# 经济型膜片式联轴器

## 螺钉夹紧型

不锈钢 单膜片/双膜片

| 型号             |    | L     | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | W    | M    | 锁紧<br>扭矩<br>(N·m) | 额定<br>扭矩<br>(N·m) | 最大<br>扭矩<br>(N·m) | 最高<br>转速<br>(r/min) | 惯性<br>力矩<br>(kg·m <sup>2</sup> ) | 静态扭转<br>刚性<br>(N·m/rad) | 容许安装偏差     |           |            | 重量<br>(g) |
|----------------|----|-------|----------------|----------------|----------------|------|------|-------------------|-------------------|-------------------|---------------------|----------------------------------|-------------------------|------------|-----------|------------|-----------|
| 代码             | D  |       |                |                |                |      |      |                   |                   |                   |                     |                                  |                         | 径向<br>(mm) | 角向<br>(°) | 轴向<br>(mm) |           |
| 单膜片<br>Y-CAB03 | 19 | 19.25 | 3.1            | 9              |                | 1.25 |      | 1                 | 0.8               | 1.6               |                     | 1.4×10 <sup>-6</sup>             | 580                     |            | 1         | ±0.10      | 26        |
|                | 26 | 23.5  | 3.3            | 10.5           |                | 2.5  | M2.5 | 1                 | 1.5               | 3                 |                     | 6.1×10 <sup>-6</sup>             | 950                     |            | 1         | ±0.15      | 61        |
|                | 29 | 26.5  | 3.75           |                |                |      |      | 1.5               | 3                 | 6                 |                     | 1.0×10 <sup>-5</sup>             | 1350                    |            | 2         | ±0.30      | 82        |
|                | 34 | 27.35 | 4              | 12             |                | 3.35 | M3   |                   | 4                 | 8                 |                     | 2.0×10 <sup>-5</sup>             | 2000                    |            |           | ±0.20      | 117       |
|                | 39 | 34.35 |                |                | —              | 4.35 | M4   | 3.4               | 6                 | 12                | 10000               | 4.3×10 <sup>-5</sup>             | 4500                    | 0.02       |           | ±0.25      | 195       |
|                | 44 | 34.6  | 5              | 15             |                | 4.6  |      |                   | 10                | 20                |                     | 7.0×10 <sup>-5</sup>             | 5200                    |            | 1         | ±0.30      | 245       |
|                | 56 | 45.25 | 6.6            | 20             |                | 5.25 | M5   | 7                 | 25                | 50                |                     | 2.5×10 <sup>-4</sup>             | 11000                   |            |           | ±0.40      | 540       |
|                | 68 | 53.8  | 7.6            | 24             |                | 5.8  | M6   | 14                | 60                | 120               |                     | 6.5×10 <sup>-4</sup>             | 19000                   |            |           | ±0.45      | 960       |
| 双膜片<br>Y-CAB04 | 82 | 68    | 9.3            | 30             |                | 8    | M8   | 30                | 100               | 200               |                     | 1.7×10 <sup>-3</sup>             | 22000                   |            |           | ±0.55      | 1763      |
|                | 19 | 26.5  | 3              | 9              | 6              | 1.25 |      | 1                 | 0.8               | 1.6               |                     | 1.9×10 <sup>-6</sup>             | 430                     | 0.11       | 1         | ±0.20      | 37        |
|                | 26 | 33.5  | 3.3            | 10.5           | 7.5            | 2.5  | M2.5 | 1                 | 1.5               | 3                 |                     | 8.6×10 <sup>-6</sup>             | 700                     | 0.15       | (单侧)      | ±0.30      | 86        |
|                | 29 | 35.7  | 3.75           |                | 6.7            |      |      | 1.5               | 3                 | 6                 |                     | 1.4×10 <sup>-5</sup>             | 1200                    |            | 2         | ±0.30      | 109       |
|                | 34 | 38.2  | 4              | 12             | 7.5            | 3.35 | M3   |                   | 4                 | 8                 |                     | 2.7×10 <sup>-5</sup>             | 1700                    | 0.18       |           | ±0.36      | 160       |
|                | 39 | 47.7  |                |                |                | 4.35 | M4   | 3.4               | 6                 | 12                | 10000               | 5.9×10 <sup>-5</sup>             | 2500                    | 0.22       |           | ±0.50      | 267       |
|                | 44 | 48.2  | 5              | 15             | 9              | 4.6  |      |                   | 10                | 20                |                     | 9.6×10 <sup>-5</sup>             | 3000                    | 0.24       | 1         | ±0.60      | 330       |
|                | 56 | 62.5  | 6.6            | 20             | 12             | 5.25 | M5   | 7                 | 25                | 50                |                     | 3.4×10 <sup>-4</sup>             | 8500                    | 0.28       | (单侧)      | ±0.80      | 720       |
|                | 68 | 73.6  | 7.6            | 24             | 14             | 5.8  | M6   | 14                | 60                | 120               |                     | 8.8×10 <sup>-4</sup>             | 12000                   | 0.32       |           | ±0.90      | 1276      |
|                | 82 | 98    | 9.3            | 30             | 22             | 8    | M8   | 30                | 100               | 200               |                     | 2.5×10 <sup>-3</sup>             | 15000                   | 0.52       |           | ±1.00      | 2465      |

① 惯性力矩和重量按最大孔径计算。



可选加工

| 可选加工 | 变更d/e孔径                                                                                                                                    | d孔侧键槽加工                                                   | e孔侧键槽加工                                                   |
|------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| 代码   | dh() eh()                                                                                                                                  | DC                                                        | DD                                                        |
| 技术说明 | <p>选型方法 dh3.1 eh4.5<br/>                     ① 最小单位0.1<br/>                     ② dh须≤eh<br/>                     ③ 选型时须将d(e)变更为dh(eh)</p> | <p>选型方法 DC<br/>                     ① 不可与dh、eh可选加工共用。</p> | <p>选型方法 DD<br/>                     ① 不可与dh、eh可选加工共用。</p> |

① 当孔径≥6时才能选择键槽加工。

② 键槽尺寸表



请按图示订货

| 型号      | D            |
|---------|--------------|
| 代码      |              |
| Y-CAB03 | 19           |
| d       | 3 4 5 6 6.35 |
| e       | 7 8          |

Y-CAB03—D19—d3—e7

④ 可选加工

| 型号      | d-e          | 可选加工代码    |
|---------|--------------|-----------|
| 代码      |              |           |
| Y-CAB03 | 19           |           |
| d       | 3 4 5 6 6.35 | dh() eh() |
| e       | 7 8          | DC DD     |

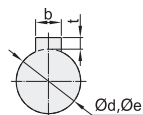
Y-CAB03—D19—d3—eh7.1



未税价(元)

● 优惠价

| 数量 | 1~9  | 10~  |
|----|------|------|
| 价格 | 100% | 另行报价 |



| 轴径尺寸        | 键槽尺寸     |          |      |    |
|-------------|----------|----------|------|----|
| Ød, Øe (mm) | 宽度b (mm) | 深度t (mm) | 标准尺寸 | 公差 |
| Ø6~Ø7.99    | 2        | 1        |      |    |
| Ø8~Ø10      | 3        | 1.4      |      |    |
| Ø10.01~Ø12  | 4        | 1.8      |      |    |
| Ø12.01~Ø17  | 5        | 2.3      |      |    |
| Ø17.01~Ø22  | 6        | 2.8      |      |    |
| Ø22.01~Ø30  | 8        | 3.3      |      |    |
| Ø30.01~Ø35  | 10       | 3.3      |      |    |