

LK10 系列 梅花弹性体胀套联轴器

LK10 Series Locking Assemblies Flexible Coupling
(Curved Jaw)

特点 Features

- 利用胀套联接的梅花弹性体联轴器
- 零回转间隙，拆装方便
- 高灵敏度，传递力矩大
- 顺时针与逆时针回转特性完全相同
- 可吸收振动、补偿径向、角向和轴向偏差
- 常用于伺服电机、步进电机联接
- Using locking assemblies connect , curved jaw type flexible coupling
- Zero backlash
- Excellent response and high torque capacity
- Identical clockwise and anticlockwise rotational characteristics
- Can absorb vibration、parallel、angular misalignments and shaft end-play
- For servomotor、stepmotor connect



主体：铝合金材料
Body: Aluminum Alloy

选型举例：Ordering Information

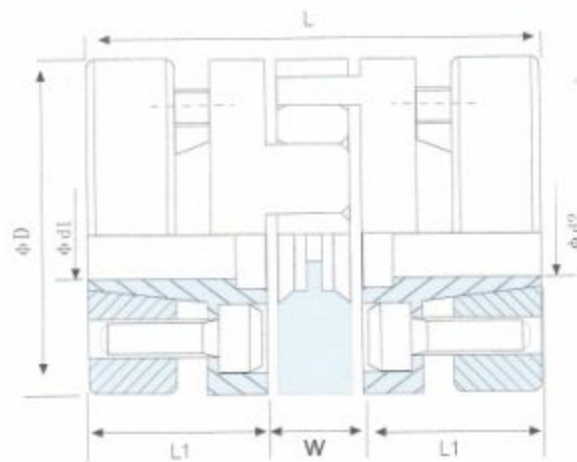


例：LK10-55-1924

LK10: 系列号，材料为铝合金
55: 外径尺寸: 55mm
19: d1轴径为: 19mm
24: d2轴径为: 24mm

Example: LK10-55-1924

LK10: Series NO, Material : Aluminum Alloy
55: Outside Diam : 55mm
19: d1 Bore : 19mm
24: d2 Bore : 24mm



外型尺寸 Dimensions

单位 (unit): mm

型号 Model	Ød1 Ød2 轴 径 Bore	ØD	L	L1	W	M	拧紧力矩 Wrench Torque (N.m)
LK10-30-□□□□	8 9.525 10 12 14	30	50	18.5	13	M3(4)	1.3
LK10-40-□□□□	11 12 14 16 19 20	40	66	25	16	M4(6)	2.7
LK10-55-□□□□	14 16 19 24 25 28	55	78	30	18	M5(4)	6.0
LK10-65-□□□□	19 20 24 28 30 35 38	65	90	35	20	M5(8)	6.0
LK10-80-□□□□	24 28 30 35 38 40 45	80	114	45	24	M6(8)	10.0
LK10-95-□□□□	30 35 38 40 45 50	95	126	50	26	M8(4)	35
LK10-105-□□□□	35 40 45 50 55 60	105	140	56	28	M8(4)	35

技术参数 Specifications

型号 Model	额定扭矩 Rated Torque (N.m)	最大扭矩 Max. Torque (N.m)	最高转速 Max. Rotational Frequency (rpm)	惯性力矩 Moment of Inertia (kg·m ²)	静态扭矩刚性 Static Torsional Stiffness (N.m/rad)	径向偏差 Errors of Eccentricity (mm)	角向偏差 Errors of Angularity (°)	轴向偏差 Errors of Shaft End-play (mm)	重量 Mass (g)
LK10-30-□□□□	7.4	14.8	20000	8.7X10 ⁻⁴	510	0.02	1	+0.6 0	50
LK10-40-□□□□	9.5	19.0	15000	1.12X10 ⁻³	550	0.02	1	+0.8 0	120
LK10-55-□□□□	34	68	13000	4.5X10 ⁻³	1510	0.02	1	+0.8 0	280
LK10-65-□□□□	95	190	10500	9.1X10 ⁻³	2800	0.02	1	+0.8 0	450
LK10-80-□□□□	135	270	8600	1.9X10 ⁻²	3600	0.02	1	+1.0 0	960
LK10-95-□□□□	230	460	7500	2.2X10 ⁻²	4700	0.02	1	+1.0 0	2310
LK10-105-□□□□	380	760	6000	3.3X10 ⁻²	5800	0.02	1	+1.0 0	3090

说明：惯性力矩和重量按最大孔径计算。

Moment of inertia and mass figures based on the maximum shaft bores