

LK26 系列

LK26 Series

II. 多节胀套膜片联轴器

II.Locking Assemblies Coupling(Double Spring Plates)

特点 Features

- 利用胀套联接的膜片型联轴器
 - 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
 - 不锈钢膜片补偿径向、角向和轴向偏差
 - 常用于伺服电机、步进电机联接
- Using locking assemblies connect spring plates coupling
 - Zero backlash
 - Excellent response and high torque capacity
 - Identical clockwise and anticlockwise rotational characteristics
 - Stainless steel spring plates absorb angular misalignment and shaft end-play
 - For servo motor, step motor connection

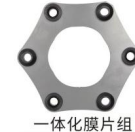
主体: 铁合金材料
Body: Steel



LK26-78WP~LK26-C125WP



LK26-148WP~LK26-C168WP



一体化膜片组
LK26-78~LK26-125



一体化膜片组
LK26-148~LK26-168

选型举例: Ordering Information

LK26 - □ - □□□ - □□□ WP



例: LK26-88-19-20WP

LK26: 系列号, 材料为45#钢

88: 外径尺寸:88mm

19: d1孔径为:19mm,孔公差H8

20: d2孔径为:20mm,孔公差H8

WP: 双膜片

孔径公称请按照d1(小径)-d2(大径)的顺序标示

Example: LK26-88-19-20WP

LK26: Series NO, Material: C45 steel

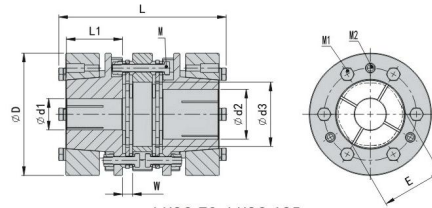
88: Outside Dia:88mm

19: d1 Bore:19mm, H8

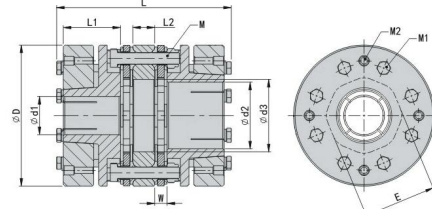
20: d2 Bore:20mm, H8

WP: Double spring plates

Please mark the bore diameter in the order of d1 (minor diameter) - d2 (major diameter)



LK26-78~LK26-125



LK26-148~LK26-168

外型尺寸 Dimensions

单位 (unit): mm

型号 Model	d1 · d2		ΦD	L	L1	L2	W	d3	E	M	M1	M2	拧紧力矩 Tightening Torque (N · m)
	最小孔径 Min · Bore	最大孔径 Max · Bore											
LK26-78-□□□-□□□WP	20	45	78	122.9	40	16	8	41.5	46	M5	M6	M8	14-15
LK26-90-□□□-□□□WP	24	50	90	134.5	45	16	8	51.5	54	M6	M6	M8	14-15
LK26-98-□□□-□□□WP	24	50	98	134.5	45	16	8	51.5	54	M6	M6	M8	14-15
LK26-102-□□□-□□□WP	30	60	102	148.1	50	16	8	61.5	60	M6	M8	M8	27-30
LK26-125-□□□-□□□WP	35	65	125	164.1	55	18	10	66.5	72	M8	M8	M8	27-30
LK26-148-□□□-□□□WP	40	70	148	183	60	23	13	76.5	76	M12	M8	M8	27-30
LK26-168-□□□-□□□WP	45	85	168	210	75	22	12.2	86	107	M12	M8	M8	27-30

说明:

1. 对于上表以外的孔径, 如需定货, 可另行提供服务, 请向本公司洽询。
2. 对方安装轴公差为h7, h8级, 如轴公差为其他公差, 请提供公差要求由厂家定做。

Note:

1. For other bore sizes which are not listed above, customized ones are available, please consult us.
2. Standard bore tolerance is for the shaft with tolerance h7 or h8, if other tolerance is required, please consult us.

标准孔径 Standard Bore Diameter

单位 (unit): mm

型号 Model	标准孔径 Standard Bore Diameter · d1 · d2 (mm)																					
	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70	75	80	85	
LK26-78-□□□-□□□WP	•	•	•	•	•	•	•	•	•	•	•	•										
LK26-90-□□□-□□□WP			•	•	•	•	•	•	•	•	•	•	•	•								
LK26-98-□□□-□□□WP			•	•	•	•	•	•	•	•	•	•	•	•								
LK26-102-□□□-□□□WP						•	•	•	•	•	•	•	•	•	•	•						
LK26-125-□□□-□□□WP								•	•	•	•	•	•	•	•	•	•					
LK26-148-□□□-□□□WP										•	•	•	•	•	•	•	•	•	•			
LK26-168-□□□-□□□WP												•	•	•	•	•	•	•	•	•	•	•

孔径及相应传递扭矩 Bore diameter and its corresponding transmittable torque

单位 (unit): Nm

型号 Model	孔径及相应传递扭矩 (Nm) Bore diameter and its corresponding transmittable torque (Nm)																					
	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70	75	80	85	
LK26-78-□□□-□□□WP	105	111	118	125	131	140	149	155	163	172	180	190										
LK26-90-□□□-□□□WP			165	178	195	210	214	228	239	251	261	270	279	290								
LK26-98-□□□-□□□WP			165	178	195	210	214	228	239	251	261	270	279	290								
LK26-102-□□□-□□□WP						245	257	276	289	312	336	259	381	403	427	450						
LK26-125-□□□-□□□WP								396	436	472	502	535	566	598	640	681	720					
LK26-148-□□□-□□□WP										550	615	676	735	798	843	891	945	1000				
LK26-168-□□□-□□□WP												880	967	1051	1132	1214	1295	1364	1448	1521	1600	

技术参数 Specifications

单位 (unit): mm

型号 Model	额定扭矩 Rated 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)	容许径向偏差 Errors of Eccentricity (mm)	容许角向偏差 Errors of Angularity (°)	容许轴向偏差 Errors of shaft End-play (mm)	重量 N.W. (g)
LK26-78-□□□-□□□WP	190	10800	2.24×10^{-3}	145000	0.02	1.4	±1.0	2554
LK26-90-□□□-□□□WP	290	9500	4.41×10^{-3}	280000	0.02	1.4	±1.0	3767
LK26-98-□□□-□□□WP	290	9000	6.01×10^{-3}	290000	0.02	1.4	±1.0	4669
LK26-102-□□□-□□□WP	450	8500	7.80×10^{-2}	300000	0.02	1.4	±1.0	5110
LK26-125-□□□-□□□WP	720	6800	2.02×10^{-2}	750000	0.02	1.4	±1.0	8747
LK26-148-□□□-□□□WP	1000	5800	4.18×10^{-2}	1135000	0.02	1.4	±1.0	13189
LK26-168-□□□-□□□WP	1600	4900	8.66×10^{-2}	1920000	0.02	1.4	±1.0	20507

说明:

1. 惯性力矩和重量按最大孔径计算。
1. 扭转弹性为单个元件的数。
2. 最高转速未考虑动平衡。

Note:

1. Moment of inertia and mass figures based on the maximum shaft bores.
2. Number of Torsional Elasticity as a Single Element.
2. The maximum speed does not consider dynamic balance.