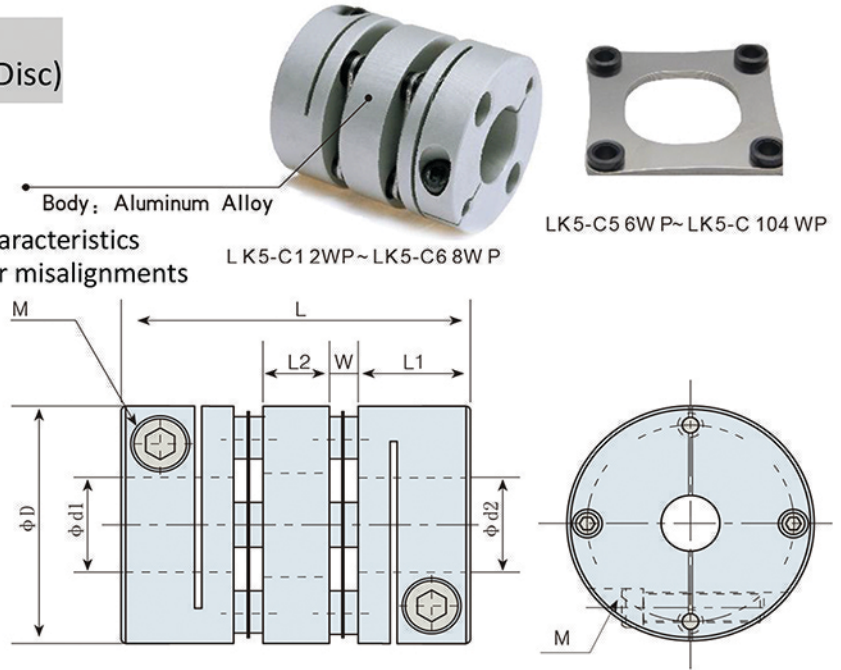
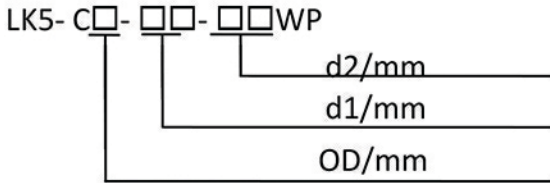


LK5 Series II. Clamp Type (Double Disc)

Features

- High torque capacity and excellent response
- Zero backlash
- Identical clockwise and anticlockwise rotational characteristics
- Stainless steel plate springs absorb parallel, angular misalignments and shaft end-play
- For servomotor, stepper motor connecting
- Clamp type

Ordering Information



Example: LK5-C56-2024WP K5: Series , Material: Aluminum Alloy
 C56: Clamping Type OD: 56mm 20: d1 Bore 20mm 24: d2 Bore- 24mm WP: Double Disc

Dimensions (unit): mm

Specifications

Model LK5	d1,d2 Max. Bore	φD	L	W	L1	M	Wrench Torque (N.M)	Rated Torque (N.m)	Max. Torque (N.m)	Max. Rotational Frequency (rpm)	Moment of Inertia (Kg.m ²)	Static Torsional Stiffness (N.m/rad)	Errors of Eccentricity (mm)	Errors of Angular (°)	Errors of Shaft End-play (mm)	N.W (g)
C12-□□□□WP	5	12	15.9	0.55	5.9	M1.6	0.14	0.25	0.5	10000	2.00×10 ⁻⁷	133	0.04	1.0	±0.08	6.5
C15-□□□□WP	5	15	20	1.25	7.6	M2	0.4	0.6	1.2	10000	3.40×10 ⁻⁷	196	0.04	1.0	±0.1	7.0
C16-□□□□WP	6	16	23	1.25	7.875	M2	0.4	0.6	1.2	10000	3.29×10 ⁻⁷	255	0.04	1.0	±0.1	10.3
C19-□□□□WP	8	19.5	27.8	2.3	9.2	M2.5	0.8	1.0	2.0	10000	7.51×10 ⁻⁷	700	0.12	1.5	±0.4	16.6
C26-□□□□WP	10	26	35	2.8	11.35	M3	1.2	1.4	2.8	10000	3.13×10 ⁻⁶	1850	0.15	1.5	±0.4	37.1
C30-□□□□WP	14	30	35	3.1	11.35	M3	1.2	2.6	5.2	10000	4.95×10 ⁻⁶	2850	0.17	1.5	±0.4	44.0
C34s-□□□□WP	14	34	41	3.6	13.4	M4	2.5	2.8	5.6	10000	1.03×10 ⁻⁵	4050	0.18	1.5	±0.4	70.9
C34-□□□□WP	14	34	45	3.6	14.5	M4	2.5	2.8	5.6	10000	1.13×10 ⁻⁵	4050	0.18	1.5	±0.4	78.0
C39-□□□□WP	16	39	49	4.5	15.0	M4	2.5	5.8	11.6	10000	2.21×10 ⁻⁵	9000	0.25	1.5	±0.5	116.2
C44-□□□□WP	19	44	50	4.8	15.0	M4	2.5	5.7	17.4	10000	3.56×10 ⁻⁵	10000	0.25	1.5	±0.7	147.3
C50-□□□□WP	22	50	57	5.5	18.0	M5	5	15	30	10000	6.82×10 ⁻⁵	16000	0.30	1.5	±0.8	218.4
C56-□□□□WP	24	56	63	5.5	20.0	M5	5	25	50	10000	1.18×10 ⁻⁴	25000	0.30	1.5	±0.8	301.9
C62-□□□□WP	30	62	69.5	3.0	24.0	M6	8	40	80	10000	2.13×10 ⁻⁴	30000	0.35	1.5	±0.9	422
C68-□□□□WP	35	68	74	6.0	24.0	M6	8	55	110	10000	2.82×10 ⁻⁴	35000	0.35	1.5	±0.9	488.4
C82-□□□□WP	40	82	98	8.0	30.0	M8	20	80	160	10000	8.29×10 ⁻⁴	70000	0.52	1.5	±1.0	985.8
C94-□□□□WP	40	94	98	8.5	30.0	M10	40	185	370	10000	1.51×10 ⁻³	50000	0.55	1.5	±1.3	1370.1
C104-□□□□WP	45	104	102	10	30.0	M10	40	255	510	10000	2.34×10 ⁻³	60000	0.55	1.5	±1.5	1734

Note: Keyway can be added per customer requirement, and put code "K" following OD info, such as LK5-C34K-1014.

: Moment of inertia and weight figures based on the maximum shaft bores