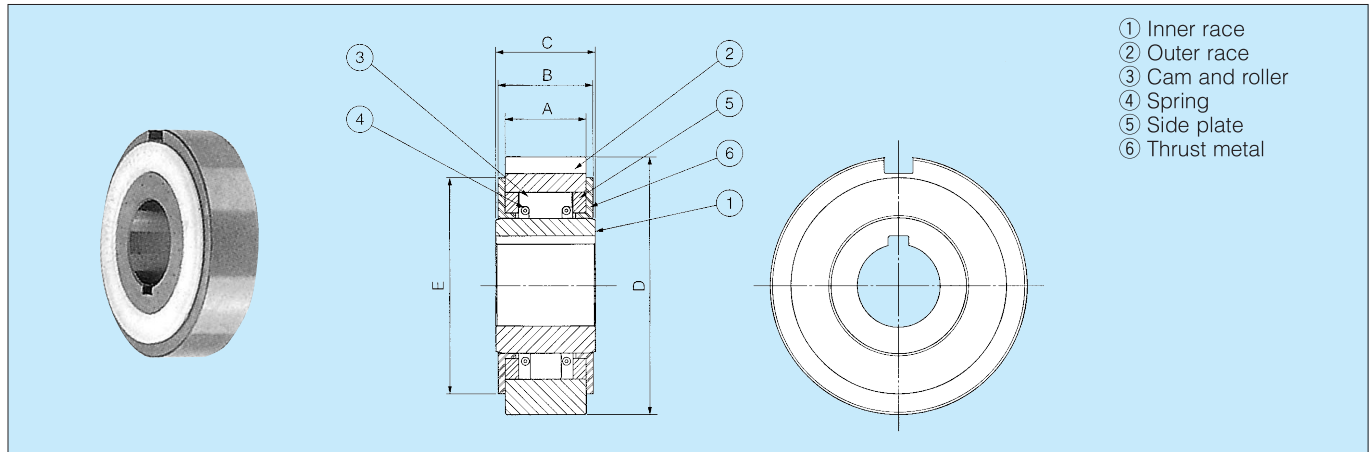


# LD SERIES CAM CLUTCH

## MODELS LD 04 TO LD 08

For Light Duty at Low Speed



### Dimensions and Capacities

Dimensions in mm

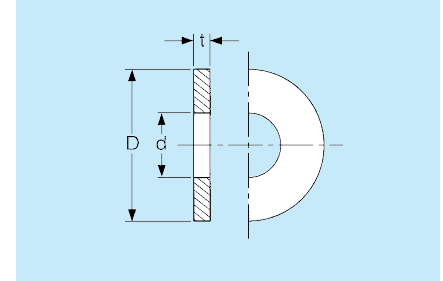
Model	Torque Capacity (N·m)	Drag Torque (N·m)	Max. Overrunning (r/min) Inner Race	Max. indexing (cycle/min)	Max. Radial Load When Overrunning (kgf)	Bore Size		A	B	C	D	E	Outer Race Keyway	Weight (kg)
						Dia. (H7)	Keyway							
LD 04	5.88	0.20	300	100	20	10	4 × 1.5	19.5	23.9	24	47 <sup>-0.014</sup> <sub>-0.039</sub>	40	5 × 3	0.25
LD 05	9.8	0.29	300	100	30	14	5 × 2	19.5	23.9	24	52 <sup>-0.017</sup> <sub>-0.042</sub>	45	5 × 3	0.30
LD 06	19.6	0.29	200	100	50	20	5 × 2	19.5	23.9	24	62 <sup>-0.017</sup> <sub>-0.042</sub>	52	7 × 4	0.40
LD 07	29.4	0.39	200	100	70	25	7 × 3	19.5	23.9	24	72 <sup>-0.017</sup> <sub>-0.042</sub>	62	7 × 4	0.55
LD 08	49	0.49	200	100	80	30	7 × 3	19.5	23.9	24	80 <sup>-0.017</sup> <sub>-0.042</sub>	70	10 × 4.5	0.65

Note: Weaker Spring type "LD---WS" is available upon request.

### Installation and Usage

- LD Series Cam Clutch is prelubricated with special grease and are ready for use. No additional lubricant is required.
- When installing the clutch on the shaft, press the clutch inner race slightly with a soft hammer to prevent the clutch outer race from slipping away from the inner race.
- Be sure to attach the plate. This prevents the outer race from slipping away from the inner race. See recommended dimensions of the plate listed on the right.
- For lubrication, coat the plate and thrust metal with grease.
- Never apply thrust loads to the clutch. Other devices should be provided to take up thrust loads applied to the clutch.
- Key should be in accordance with JIS B1301-1959.
- The bores of the pulley, sprocket, etc., should have a tolerance of H6 or H7.
- See "Information for Selection" on page 77.

### Recommended Plate Dimensions



Dimensions in mm

Model	t	d	D
LD 04	2	10	40
LD 05	2	14	45
LD 06	3	20	52
LD 07	3	25	62
LD 08	3	30	70

### Typical installation

