

Flexible Shaft Coupling

This flexible coupling connects rotating shafts and transmits torque. It accommodates misalignment between shafts, ensuring efficient power transmission.



Product Overview

CL/L Series Flexible Gear Couplings

The CL/L series flexible coupling is a high-performance gear coupling designed to connect two shafts for efficient torque transmission while accommodating angular, parallel, and axial misalignment. Featuring a simple and lightweight structure, these couplings are both economical and practical for a wide range of industrial applications. They are designed for easy installation and removal without the need for lubrication, ensuring low maintenance and reduced downtime.

Key Features

Key Features

No Lubrication Required, Easy Removal, Lightweight Design, Oil Resistant, Grease Resistant, Misalignment Accommodation

Performance Metrics

Maximum Rotational Speed

6000 RPM

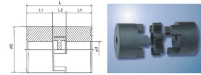
Max Speed (L-035)

2000 RPM

Max Speed (CL-225)

Technical Specifications

E-KING Coupling-L.CL 聯軸器



| 型號 | 最大轉矩 (kgf cm) | 最大轉速 (RPM) | 軸徑範圍 (mm) | 重量 (kg) |
|-------|---------------|------------|-----------|---------|
| L-035 | 0.15 | 6000 | 4 - 8 | 0.04 |
| L-050 | 0.45 | 4500 | 6 - 16 | 0.14 |
| L-070 | 0.9 | 3600 | 6 - 20 | 0.27 |
| L-075 | 1.5 | 3600 | 8 - 26 | 0.45 |
| L-090 | 2.4 | 3000 | 10 - 28 | 0.6 |
| L-110 | 15 | 2500 | 12 - 38 | 3 |
| L-150 | 30 | 2500 | 16 - 46 | 4 |

Dimensional diagrams and comprehensive technical data for L and CL series couplings, including torque, speed, and bore diameters.

L-Series Specifications Table

| Type | Max Torque (kgf cm) | Max RPM | Bore Range d (mm) | Weight (kg) |
|-------|---------------------|---------|-------------------|-------------|
| L-035 | 0.15 | 6000 | 4 - 8 | 0.04 |
| L-050 | 0.45 | 4500 | 6 - 16 | 0.14 |
| L-070 | 0.9 | 3600 | 6 - 20 | 0.27 |
| L-075 | 1.5 | 3600 | 8 - 26 | 0.45 |
| L-090 | 2.4 | 3000 | 10 - 28 | 0.6 |
| L-110 | 15 | 2500 | 12 - 38 | 3 |
| L-150 | 30 | 2500 | 16 - 46 | 4 |

CL-Series Specifications Table

| Type | Max Torque (kgf cm) | Max RPM | Bore Range d (mm) | Weight (kg) |
|--------|---------------------|---------|-------------------|-------------|
| CL-090 | 2.4 | 3000 | 10 - 28 | 0.6 |
| CL-100 | 7.5 | 3000 | 12 - 36 | 1.5 |
| CL-150 | 30 | 2500 | 16 - 46 | 4 |
| CL-190 | 45 | 2000 | 16 - 58 | 6.9 |
| CL-225 | 60 | 2000 | 18 - 60 | 10.45 |

Application

Suitable Equipment

- Pumps
- Fans
- Compressors
- Rotating Industrial Equipment
- Power Transmission Systems

Physical Properties

| | |
|--------------------|------------------------------------|
| Coupling Structure | Internal and external gear meshing |
| Maintenance | No |