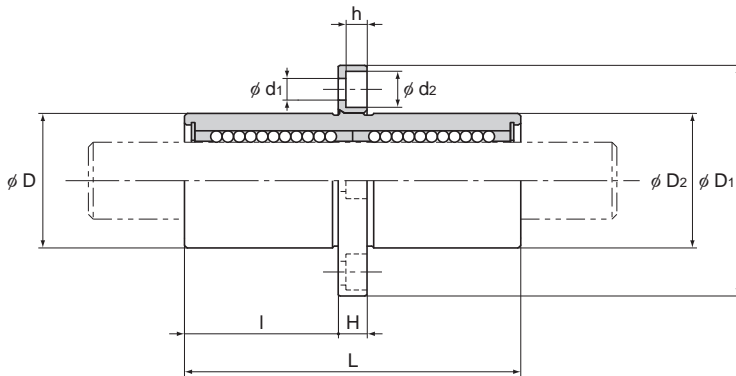


# Model LMCF-L



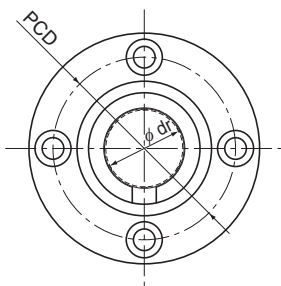
Model LMCF-L

| Model No. | Ball rows | Main dimensions         |             |                |           |                |           |                 |           |
|-----------|-----------|-------------------------|-------------|----------------|-----------|----------------|-----------|-----------------|-----------|
|           |           | Inscribed bore diameter |             | Outer diameter |           | Overall length |           | Flange diameter |           |
|           |           | dr                      | Tolerance   | D              | Tolerance | L              | Tolerance | D <sub>1</sub>  | Tolerance |
| LMCF 6L   | 4         | 6                       | 0<br>-0.010 | 12             | 0         | 35             | ±0.3      | 28              | 0<br>-0.2 |
| LMCF 8L   |           | 8                       |             | 15             | -0.013    | 45             |           | 32              |           |
| LMCF 10L  |           | 10                      |             | 19             | 55        | 39             |           |                 |           |
| LMCF 12L  |           | 12                      |             | 21             | 0         | 57             |           | 42              |           |
| LMCF 13L  |           | 13                      |             | 23             | -0.016    | 61             |           | 43              |           |
| LMCF 16L  | 5         | 16                      | 0           | 28             | 0         | 70             | ±0.3      | 48              | 0<br>-0.2 |
| LMCF 20L  |           | 20                      |             | 32             |           | 80             |           | 54              |           |
| LMCF 25L  |           | 25                      |             | -0.012         |           | 40             |           | -0.019          |           |

Note) Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.  
If requiring a type equipped with a seal, indicate it when placing an order.

(Example) LMCF16L UU

└── Seal attached on both ends of the nut



Unit: mm

|        |           |                |    |     |  | Flange<br>perpendicularity | Eccentricity<br>(max) | Radial<br>clearance<br>tolerance | Basic Load<br>Rating |      | Mass |
|--------|-----------|----------------|----|-----|--|----------------------------|-----------------------|----------------------------------|----------------------|------|------|
| Length |           | D <sub>2</sub> | H  | PCD | Mounting hole<br>d <sub>1</sub> × d <sub>2</sub> × h |                            |                       |                                  | μm                   | μm   |      |
| l      | Tolerance |                |    |     |  |                            |                       |                                  |                      |      |      |
| 15     | ±0.2      | 12             | 5  | 20  | 3.4 × 6 × 3.3  | 12                         | 12                    | -5                               | 324                  | 529  | 30   |
| 20     |           | 15             |    | 24  |  | 12                         |                       | -5                               | 431                  | 784  | 46   |
| 24.5   |           | 19             | 29 | 12  | -5   | 588                        |                       | 1100                             | 83                   |      |      |
| 25.5   |           | 21             | 6  | 32  | 4.5 × 7.5 × 4.4                                      | 12                         |                       | -5                               | 657                  | 1200 | 95   |
| 27.5   |           | 23             |    | 33  |  | 12                         |                       | -7                               | 814                  | 1570 | 117  |
| 32     |           | 28             |    | 38  |  | 12                         |                       | -7                               | 1230                 | 2350 | 196  |
| 36     |           | 32             |    | 8   |  | 43                         | 5.5 × 9 × 5.4         | 15                               | -9                   | 1400 | 2750 |
| 52     |           | 40             | 51 |     | 15   | -9                         |                       | 1560                             | 3140                 | 498  |      |

Note) If an oil hole is required, this can be indicated by appending "OH" to the end of the model number.  
For further information, contact THK.