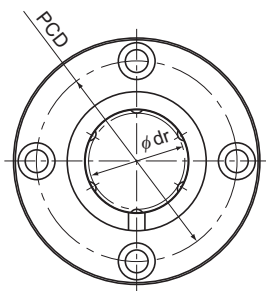


## Model LMF-ML (Stainless Steel Type)



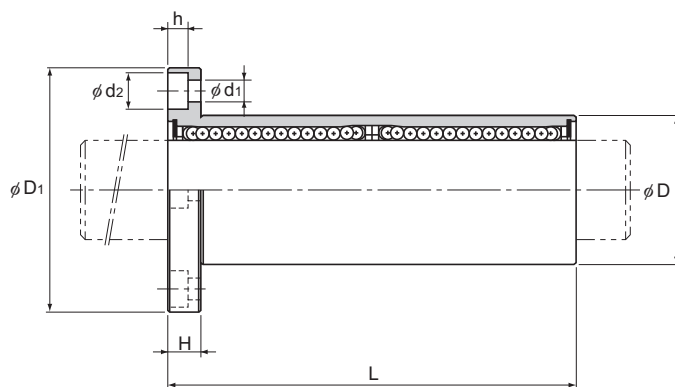
Model LMF-ML

| Model No. | Ball rows | Main dimensions         |             |                |             |        |           |                 |           |
|-----------|-----------|-------------------------|-------------|----------------|-------------|--------|-----------|-----------------|-----------|
|           |           | Inscribed bore diameter |             | Outer diameter |             | Length |           | Flange diameter |           |
|           |           | dr                      | Tolerance   | D              | Tolerance   | L      | Tolerance | D <sub>f</sub>  | Tolerance |
| LMF 6ML   | 4         | 6                       | 0<br>-0.010 | 12             | 0           | 35     | 0<br>-0.3 | 28              | 0<br>-0.2 |
| LMF 8ML   | 4         | 8                       |             | 15             | -0.013      | 45     |           | 32              |           |
| LMF 10ML  | 4         | 10                      |             | 19             | 0<br>-0.016 | 55     |           | 39              |           |
| LMF 12ML  | 4         | 12                      |             | 21             |             | 57     |           | 42              |           |
| LMF 13ML  | 4         | 13                      |             | 23             |             | 61     |           | 43              |           |
| LMF 16ML  | 5         | 16                      | 0<br>-0.012 | 28             | 0<br>-0.019 | 70     | 0<br>-0.4 | 48              |           |
| LMF 20ML  | 5         | 20                      |             | 32             |             | 80     |           | 54              |           |
| LMF 25ML  | 6         | 25                      |             | 40             |             | 112    |           | 62              |           |
| LMF 30ML  | 6         | 30                      |             | 45             |             | 123    |           | 74              |           |

Notes: 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) LMF13ML UU

└── Seal attached on both ends of the nut



Unit: mm

|  |    |     | Mounting hole                       | Flange perpendicularity | Eccentricity (max) | Radial clearance tolerance | Basic load rating |                     | Mass |
|--|----|-----|-------------------------------------|-------------------------|--------------------|----------------------------|-------------------|---------------------|------|
|  |    |     |                                     | $\mu\text{m}$           | $\mu\text{m}$      | $\mu\text{m}$              | C<br>N            | C <sub>0</sub><br>N |      |
|  | H  | PCD | d <sub>1</sub> × d <sub>2</sub> × h |                         |                    |                            |                   |                     |      |
|  | 5  | 20  | 3.4 × 6.5 × 3.3                     | 15                      | 15                 | -5                         | 324               | 529                 | 29   |
|  | 5  | 24  | 3.4 × 6.5 × 3.3                     | 15                      | 15                 | -5                         | 431               | 784                 | 45   |
|  | 6  | 29  | 4.5 × 8 × 4.4                       | 15                      | 15                 | -5                         | 588               | 1100                | 81   |
|  | 6  | 32  | 4.5 × 8 × 4.4                       | 15                      | 15                 | -5                         | 657               | 1200                | 93   |
|  | 6  | 33  | 4.5 × 8 × 4.4                       | 15                      | 15                 | -7                         | 814               | 1570                | 115  |
|  | 6  | 38  | 4.5 × 8 × 4.4                       | 15                      | 15                 | -7                         | 1230              | 2350                | 194  |
|  | 8  | 43  | 5.5 × 9.2 × 5.4                     | 20                      | 20                 | -9                         | 1400              | 2750                | 250  |
|  | 8  | 51  | 5.5 × 9.2 × 5.4                     | 20                      | 20                 | -9                         | 1560              | 3140                | 500  |
|  | 10 | 60  | 6.6 × 11 × 6.5                      | 20                      | 20                 | -9                         | 2490              | 5490                | 646  |

Notes: Since the nut and the balls use stainless steel, these models are highly resistant to corrosion and environment.