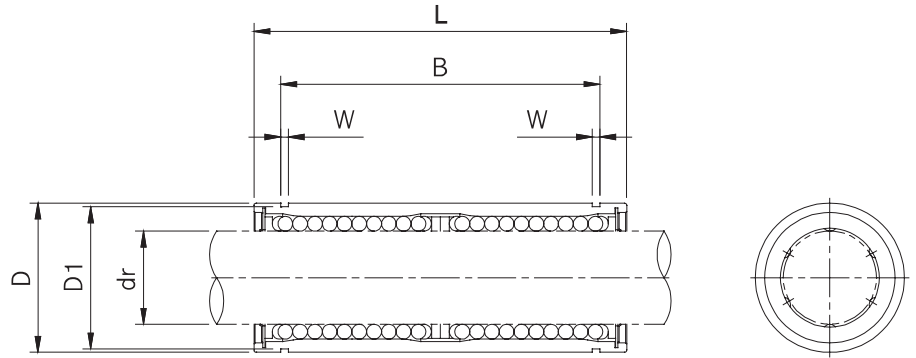


LM□L / LME□L Series



Unit : mm

| LM□L Series  |                     | Working Bore Diameter |           | Dimensions (mm) |           |      |           |       |           |      |                | Basic Load Ratings |            |              |
|--------------|---------------------|-----------------------|-----------|-----------------|-----------|------|-----------|-------|-----------|------|----------------|--------------------|------------|--------------|
| Part No.     | No. of Ball circuit | dr (mm)               | Tol. (μm) | D               |           | L    |           | B     |           | W    | D <sub>1</sub> | Wgt.* (g)          | Dyn. C (N) | Stat. Co (N) |
|              |                     |                       |           | (mm)            | Tol. (μm) | (mm) | Tol. (mm) | (mm)  | Tol. (mm) |      |                |                    |            |              |
| LM6LUU       | 4                   | 6                     | 0<br>-10  | 12              | 0         | 35   | 0<br>-0.3 | 27    | 0<br>-0.3 | 1.1  | 11.5           | 16                 | 320        | 520          |
| LM8LUU       | 4                   | 8                     |           | 15              | -13       | 45   |           | 35    |           | 1.1  | 14.3           | 31                 | 430        | 780          |
| LM10LUU      | 4                   | 10                    |           | 19              | 0         | 55   |           | 44    |           | 1.3  | 18             | 62                 | 580        | 1100         |
| LM12LUU      | 4                   | 12                    |           | 21              | 0         | 57   |           | 46    |           | 1.3  | 20             | 80                 | 650        | 1200         |
| LM13LUU      | 4                   | 13                    |           | 23              | -16       | 61   |           | 46    |           | 1.3  | 22             | 90                 | 810        | 1570         |
| LM16LUU      | 5                   | 16                    |           | 28              | 0         | 70   |           | 53    |           | 1.6  | 27             | 145                | 1230       | 2350         |
| LM20LUU      | 5                   | 20                    | 0<br>-12  | 32              | 0         | 80   | 0<br>-0.4 | 61    | 0<br>-0.4 | 1.6  | 30.5           | 180                | 1400       | 2750         |
| LM25LUU      | 6                   | 25                    |           | 40              | -19       | 112  |           | 82    |           | 1.85 | 38             | 440                | 1560       | 3140         |
| LM30LUU      | 6                   | 30                    |           | 45              | 0         | 123  |           | 89    |           | 1.85 | 43             | 580                | 2490       | 5490         |
| LM35LUU      | 6                   | 35                    |           | 52              | 0         | 135  |           | 99    |           | 2.1  | 49             | 795                | 2650       | 6470         |
| LM40LUU      | 6                   | 40                    |           | 60              | -22       | 154  |           | 121   |           | 2.1  | 57             | 1170               | 3430       | 8040         |
| LM50LUU      | 6                   | 50                    |           | 80              | 0         | 192  |           | 148   |           | 2.6  | 76.5           | 3100               | 6080       | 15900        |
| LM60LUU      | 6                   | 60                    | -20       | 90              | -22       | 211  | 170       | 3.15  | 86.5      | 3500 | 7650           | 20000              |            |              |
| LME□L Series |                     |                       |           |                 |           |      |           |       |           |      |                |                    |            |              |
| LME8LUU      | 4                   | 8                     | +9<br>-1  | 16              | 0/-9      | 45   | 0<br>-0.3 | 33    | 0<br>-0.3 | 1.1  | 15.2           | 31                 | 430        | 780          |
| LME12LUU     | 4                   | 12                    | 22        | 0               | 57        | 45.8 |           | 1.3   |           | 21   | 80             | 650                | 1200       |              |
| LME16LUU     | 5                   | 16                    | +11<br>-1 | 26              | -11       | 70   |           | 49.8  |           | 1.3  | 24.9           | 145                | 1230       | 2350         |
| LME20LUU     | 5                   | 20                    | +13<br>-2 | 32              | 0         | 80   | 0<br>-0.4 | 61    | 0<br>-0.4 | 1.6  | 30.3           | 180                | 1400       | 2750         |
| LME25LUU     | 6                   | 25                    |           | 40              | -13       | 112  |           | 82    |           | 1.85 | 38             | 440                | 1560       | 3140         |
| LME30LUU     | 6                   | 30                    |           | 47              | 0         | 123  |           | 104.2 |           | 1.85 | 44.5           | 580                | 2490       | 5490         |
| LME40LUU     | 6                   | 40                    | +16<br>-4 | 62              | 0         | 154  | 0<br>-0.4 | 121.2 | 0<br>-0.4 | 2.15 | 59             | 1170               | 3430       | 8040         |
| LME50LUU     | 6                   | 50                    |           | 75              | -15       | 192  |           | 155.2 |           | 2.65 | 72             | 3100               | 6080       | 15900        |
| LME60LUU     | 6                   | 60                    |           | 90              | 0/-20     | 211  |           | 170   |           | 3.15 | 86.5           | 3500               | 7650       | 20000        |

Note) Plating and Raydent treatment are available

1N ≒ 0.102kgf