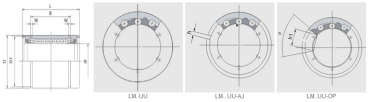
# LM..UU-OP Series




| select | Inquiry | Resin retainer | | | | | | | | | Nominal shaft diameter | dr | | | Major dimensions and tolerance | | | | | | | | | | Eccentricity | | Radial clearance (Max) | Basic load rating(kN) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LM...UU | Ball circuit | Weight(Kg) | LM...UU-AJ | Ball circuit | Weight | LM...UU-OP | Ball circuit | Weight(Kg) | mm | mm | Tolerance | Tolerance | D mm | Tolerance(μm) | L mm | Tolerance(μm) | B mm | Tolerance(μm) | W(mm) | D1(mm) | h(mm) | h1(mm) | θ | Precision | High | | Dynamic | Static |
| LM3 | 4 | 1.35 | — | — | — | — | — | — | 3 | 3 | 0/-5 | 0/-8 | 7 | 0/-9 | 10 | 0/-120 | — | — | — | — | — | — | — | 4 | 8 | -3 | 69 | 105 | | |
| LM4 | 4 | 1.9 | — | — | — | — | — | — | 4 | 4 | 0/-5 | 0/-8 | 8 | 0/-9 | 12 | 0/-120 | — | — | — | — | — | — | — | 4 | 8 | -3 | 88 | 127 | | |
| LM5UU | 4 | 4 | — | — | — | — | — | — | 5 | 5 | 0/-5 | 0/-8 | 10 | 0/-9 | 15 | 0/-120 | 10.2 | 0/-200 | 1.1 | 9.6 | — | — | — | 4 | 8 | -3 | 167 | 206 | | |
| LM6UU | 4 | 7.6 | LM6UU-AJ | 4 | 7.5 | — | — | — | 6 | 6 | 0/-6 | 0/-9 | 12 | 0/-11 | 19 | 0/-200 | 13.5 | 0/-200 | 1.1 | 11.5 | 1 | — | — | 8 | 12 | -3 | 206 | 265 | | |
| LM8SUU | 4 | 10.4 | LM8SUU-AJ | 4 | 10 | — | — | — | 8 | 8 | 0/-6 | 0/-9 | 15 | 0/-11 | 17 | 0/-200 | 11.5 | 0/-200 | 1.1 | 14.3 | 1 | — | — | 8 | 12 | -3 | 176 | 216 | | |
| LM8UU | 4 | 15 | LM8UU-AJ | 4 | 14.7 | — | — | — | 8 | 8 | 0/-6 | 0/-9 | 15 | 0/-11 | 24 | 0/-200 | 17.5 | 0/-200 | 1.1 | 14.3 | 1 | — | — | 8 | 12 | -3 | 274 | 392 | | |
| LM10UU | 4 | 29.5 | LM10UU-AJ | 4 | 29 | LM10UU-OP | 3 | 23 | 10 | 10 | 0/-6 | 0/-9 | 19 | 0/-13 | 29 | 0/-200 | 22 | 0/-200 | 1.3 | 18 | 1 | 6.8 | 80° | 8 | 12 | -4 | 372 | 549 | | |
| LM12UU | 4 | 31.5 | LM12UU-AJ | 4 | 31 | LM12UU-OP | 3 | 25 | 12 | 12 | 0/-6 | 0/-9 | 21 | 0/-13 | 30 | 0/-200 | 23 | 0/-200 | 1.3 | 20 | 1.5 | 8 | 80° | 8 | 12 | -4 | 510 | 784 | | |
| LM13UU | 4 | 43 | LM13UU-AJ | 4 | 42 | LM13UU-OP | 3 | 34 | 13 | 13 | 0/-6 | 0/-9 | 23 | 0/-13 | 32 | 0/-200 | 23 | 0/-200 | 1.3 | 22 | 1.5 | 9 | 80° | 8 | 12 | -4 | 510 | 784 | | |
| LM16UU | 5 | 69 | LM16UU-AJ | 5 | 68 | LM16UU-OP | 4 | 52 | 16 | 16 | 0/-6 | 0/-9 | 28 | 0/-13 | 37 | 0/-200 | 26.5 | 0/-200 | 1.6 | 27 | 1.5 | 11 | 80° | 8 | 12 | -6 | 774 | 1180 | | |
| LM20UU | 5 | 87 | LM20UU-AJ | 5 | 85 | LM20UU-OP | 4 | 69 | 20 | 20 | 0/-7 | 0/-10 | 32 | 0/-16 | 42 | 0/-200 | 30.5 | 0/-200 | 1.6 | 30.5 | 1.5 | 11 | 60° | 10 | 15 | -6 | 882 | 1370 | | |
| LM25UU | 6 | 220 | LM25UU-AJ | 6 | 216 | LM25UU-OP | 5 | 188 | 25 | 25 | 0/-7 | 0/-10 | 40 | 0/-16 | 59 | 0/-300 | 41 | 0/-300 | 1.85 | 38 | 2 | 12 | 50° | 10 | 15 | -6 | 980 | 1570 | | |
| LM30UU | 6 | 250 | LM30UU-AJ | 6 | 245 | LM30UU-OP | 5 | 210 | 30 | 30 | 0/-7 | 0/-10 | 45 | 0/-16 | 64 | 0/-300 | 44.5 | 0/-300 | 1.85 | 43 | 2.5 | 15 | 50° | 10 | 15 | -8 | 1570 | 2740 | | |
| LM35UU | 6 | 390 | LM35UU-AJ | 6 | 384 | LM35UU-OP | 5 | 335 | 35 | 35 | 0/-8 | 0/-12 | 52 | 0/-19 | 70 | 0/-300 | 49.5 | 0/-300 | 2.1 | 49 | 2.5 | 17 | 50° | 12 | 20 | -8 | 1670 | 3140 | | |
| LM40UU | 6 | 585 | LM40UU-AJ | 6 | 579 | LM40UU-OP | 5 | 500 | 40 | 40 | 0/-8 | 0/-12 | 60 | 0/-19 | 80 | 0/-300 | 60.5 | 0/-300 | 2.1 | 57 | 3 | 20 | 50° | 12 | 20 | -10 | 2160 | 4020 | | |