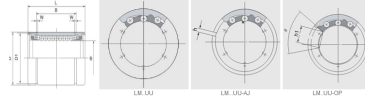


LM Series



| 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 |
| 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 | 420 |
| LM50UU | 6 | 1580 | LM50UU-AJ | 6 | 1560 | LM50UU-OP | 5 | 1340 | 50 | 50 | 0/8 | 0/12 | 80 | 0/19 | 100 | 0/300 | 74 | 0/300 | 2.6 | 76.5 | 3 | 25 | 50° | 12 | 20 | -13 | 3820 | 7940 |
| LM60UU | 6 | 1860 | LM60UU-AJ | 6 | 1820 | LM60UU-OP | 5 | 1610 | 60 | 60 | 0/9 | 0/15 | 90 | 0/22 | 110 | 0/300 | 85 | 0/300 | 3.15 | 86.5 | 3 | 30 | 50° | 17 | 25 | -13 | 4700 | 100 |
| LM80UU | 6 | 4420 | LM80UU-AJ | 6 | 4300 | LM80UU-OP | 5 | 3650 | 80 | 80 | 0/9 | 0/15 | 120 | 0/22 | 140 | 0/400 | 105.5 | 0/400 | 4.15 | 116 | 3 | 40 | 50° | 17 | 25 | -20 | 7350 | 160 |
| LM100UU | 6 | 8600 | LM100UU-AJ | 6 | 8540 | LM100UU-OP | 5 | 7200 | 100 | 100 | 0/10 | 0/20 | 150 | 0/25 | 175 | 0/400 | 125.5 | 0/400 | 4.15 | 145 | 3 | 50 | 50° | 20 | 30 | -20 | 14100 | 34800 |
| LM120UU | 8 | 15000 | LM120UU-AJ | 8 | 14900 | LM120UU-OP | 6 | 11600 | 120 | 120 | 0/10 | 0/20 | 180 | 0/25 | 200 | 0/400 | 158.6 | 0/400 | 4.15 | 175 | 3 | 85 | 80° | 20 | 30 | -25 | 16400 | 400 |
| LM150UU | 8 | 20250 | LM150UU-AJ | 8 | 20150 | LM150UU-OP | 6 | 15700 | 150 | - | -13 | 0/25 | 210 | -29 | 240 | 0/400 | 170.6 | 0/400 | 5.15 | 204 | 3 | 105 | 80° | 25 | 40 | -25 | 21100 | 54300 |