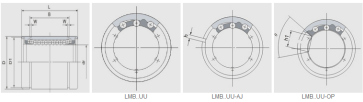


LMB...UU..OP Series



| Basic features |                  |            |             |                  |            |             |                  |            |       | Major dimensions and tolerance |       |        |                 |               |            |          |                |                       |                  | Eccentricity    |                      | Radial clearance (Max) | Basic load rating(N) |                      |                 |              |             |            |             |     |           |           |                        |         |        |
|----------------|------------------|------------|-------------|------------------|------------|-------------|------------------|------------|-------|--------------------------------|-------|--------|-----------------|---------------|------------|----------|----------------|-----------------------|------------------|-----------------|----------------------|------------------------|----------------------|----------------------|-----------------|--------------|-------------|------------|-------------|-----|-----------|-----------|------------------------|---------|--------|
| LMB...UU       | Ball circum (mm) | Weight(Kg) | LMB...UU-AJ | Ball circum (mm) | Weight(Kg) | LMB...UU-OP | Ball circum (mm) | Weight(Kg) | Inch  | mm                             | Inch  | mm     | Precision(Inch) | Precision(μm) | High(Inch) | High(μm) | D(Inch/mm)     | D Tolerance (Inch/μm) | D Tolerance (μm) | L(Inch/mm)      | L Tolerance(Inch/μm) | L Tolerance(μm)        | B(Inch/mm)           | B Tolerance(Inch/μm) | B Tolerance(μm) | W(Inch/mm)   | D1(Inch/mm) | b(Inch/mm) | h1(Inch/mm) | θ   | Precision | High      | Radial clearance (Max) | Dynamic | Static |
| LMB4           | 4                | 8          | LMB4(U)-AJ  | 4                | 7.5        | —           | —                | —          | 1/4   | 6.35                           | 0.25  | 6.35   | 0/-0.0025       | 0/-6          | 0/-0.0040  | 0/-9     | 0.2500(12.70)  | 0/-0.0045             | 0/-11            | 0.7500(19.05)   | 0/-0.008             | 0/-200                 | 0.110(12.80)         | 0/-0.008             | 0/-200          | 0.090(19.92) | 0.40(10.16) | 0.4(1)     | —           | —   | 0.003(8)  | 0.005(12) | -0.001(3)              | 296     | 265    |
| LMB6(U)        | 4                | 14         | LMB6(U)-AJ  | 4                | 13.5       | —           | —                | —          | 3/8   | 9.525                          | 0.375 | 9.525  | 0/-0.0025       | 0/-6          | 0/-0.0040  | 0/-9     | 0.3750(15.875) | 0/-0.0050             | 0/-13            | 0.8750(22.225)  | 0/-0.008             | 0/-200                 | 0.150(16.15)         | 0/-0.008             | 0/-200          | 0.090(19.92) | 0.50(12.70) | 0.4(1)     | —           | —   | 0.003(8)  | 0.005(12) | -0.001(3)              | 235     | 214    |
| LMB8(U)        | 4                | 27         | LMB8(U)-AJ  | 4                | 26.5       | LMB8(U)-OP  | 3                | 26         | 1/2   | 12.7                           | 0.5   | 12.7   | 0/-0.0025       | 0/-6          | 0/-0.0040  | 0/-9     | 0.3750(22.225) | 0/-0.0050             | 0/-13            | 1.2500(31.750)  | 0/-0.008             | 0/-200                 | 0.250(25.40)         | 0/-0.008             | 0/-200          | 0.090(19.92) | 0.80(20.32) | 0.6(1.5)   | 0.34(8.64)  | 80° | 0.003(8)  | 0.005(12) | -0.001(3)              | 510     | 784    |
| LMB10(U)       | 4                | 76         | LMB10(U)-AJ | 4                | 74         | LMB10(U)-OP | 3                | 57         | 5/8   | 15.875                         | 0.625 | 15.875 | 0/-0.0025       | 0/-6          | 0/-0.0040  | 0/-9     | 1.1250(28.575) | 0/-0.0050             | 0/-13            | 1.5000(38.100)  | 0/-0.008             | 0/-200                 | 1.10(28.04)          | 0/-0.008             | 0/-200          | 0.090(19.92) | 1.00(25.40) | 0.6(1.5)   | 0.34(8.64)  | 80° | 0.003(8)  | 0.005(12) | -0.001(3)              | 774     | 1170   |
| LMB12(U)       | 5                | 95         | LMB12(U)-AJ | 5                | 93         | LMB12(U)-OP | 4                | 76         | 3/4   | 19.05                          | 0.75  | 19.05  | 0/-0.0030       | 0/-7          | 0/-0.0040  | 0/-10    | 1.1250(31.750) | 0/-0.0060             | 0/-16            | 1.6250(41.275)  | 0/-0.008             | 0/-200                 | 1.10(28.04)          | 0/-0.008             | 0/-200          | 0.090(19.92) | 1.10(28.04) | 0.6(1.5)   | 0.34(8.64)  | 80° | 0.004(10) | 0.006(15) | -0.002(3)              | 862     | 1370   |
| LMB16(U)       | 6                | 200        | LMB16(U)-AJ | 6                | 198        | LMB16(U)-OP | 5                | 170        | 1     | 25.4                           | 1     | 25.4   | 0/-0.0030       | 0/-7          | 0/-0.0040  | 0/-10    | 1.6250(41.275) | 0/-0.0060             | 0/-16            | 2.2500(57.150)  | 0/-0.012             | 0/-300                 | 1.75(44.45)          | 0/-0.012             | 0/-300          | 0.090(19.92) | 1.40(35.56) | 0.6(1.5)   | 0.34(8.64)  | 80° | 0.004(10) | 0.006(15) | -0.002(3)              | 980     | 1570   |
| LMB20(U)       | 6                | 440        | LMB20(U)-AJ | 6                | 430        | LMB20(U)-OP | 5                | 370        | 1-1/4 | 31.75                          | 1.25  | 31.75  | 0/-0.0035       | 0/-8          | 0/-0.0050  | 0/-12    | 2.0000(50.800) | 0/-0.0075             | 0/-19            | 2.6250(66.675)  | 0/-0.012             | 0/-300                 | 2.00(50.80)          | 0/-0.012             | 0/-300          | 0.090(19.92) | 1.80(45.70) | 1.0(2.5)   | 0.62(15.88) | 50° | 0.005(12) | 0.008(20) | -0.003(8)              | 1570    | 2740   |
| LMB24(U)       | 6                | 670        | LMB24(U)-AJ | 6                | 660        | LMB24(U)-OP | 5                | 570        | 1-1/2 | 38.1                           | 1.5   | 38.1   | 0/-0.0035       | 0/-8          | 0/-0.0050  | 0/-12    | 2.2500(57.150) | 0/-0.0075             | 0/-19            | 3.0000(76.200)  | 0/-0.012             | 0/-300                 | 2.41(61.26)          | 0/-0.012             | 0/-300          | 0.090(19.92) | 2.20(55.88) | 1.2(3)     | 0.75(19.05) | 50° | 0.005(12) | 0.008(20) | -0.003(8)              | 2180    | 4020   |
| LMB32(U)       | 6                | 1          | LMB32(U)-AJ | 6                | 1120       | LMB32(U)-OP | 5                | 980        | 2     | 50.8                           | 2     | 50.8   | 0/-0.0035       | 0/-8          | 0/-0.0050  | 0/-12    | 2.6250(66.675) | 0/-0.0090             | 0/-22            | 4.0000(101.600) | 0/-0.012             | 0/-300                 | 3.19(81.07)          | 0/-0.012             | 0/-300          | 0.090(19.92) | 2.83(72.00) | 1.2(3)     | 1.0(25.40)  | 50° | 0.007(17) | 0.010(25) | -0.005(13)             | 3820    | 7940   |