



| Resin retainer |              |            |             |              |        | Nominal shaft diameter |              | dr         |    | Major dimensions and tolerance |           |           |      |               |      |               |       |               |       |        |       |        |     | Radial clearance (Max) |         | Basic load rating(kN) |      |
|----------------|--------------|------------|-------------|--------------|--------|------------------------|--------------|------------|----|--------------------------------|-----------|-----------|------|---------------|------|---------------|-------|---------------|-------|--------|-------|--------|-----|------------------------|---------|-----------------------|------|
| LME...UU       | Ball circuit | Weight(Kg) | LME...UU-AJ | Ball circuit | Weight | LME...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   | Eccentricity           | Dynamic | Static                |      |
| LME3           | 4            | 1.35       | —           | —            | —      | —                      | —            | —          | 3  | 3                              | —         | +8/0      | 7    | 0/-8          | 10   | 0/-120        | —     | —             | —     | —      | —     | —      | —   | 10                     | -3      | 69                    | 105  |
| LME4           | 4            | 1.9        | —           | —            | —      | —                      | —            | —          | 4  | 4                              | —         | +8/0      | 8    | 0/-8          | 12   | 0/-120        | —     | —             | —     | —      | —     | —      | —   | 10                     | -3      | 88                    | 127  |
| LME5UU         | 4            | 11         | LME5UU-AJ   | 4            | 10     | —                      | —            | —          | 5  | 5                              | —         | +8/0      | 12   | 0/-8          | 22   | 0/-200        | 14.5  | 0/-200        | 1.1   | 11.5   | 1     | —      | —   | 12                     | -3      | 206                   | 265  |
| LME8UU         | 4            | 20         | LME8UU-AJ   | 4            | 19.5   | —                      | —            | —          | 8  | 8                              | —         | +8/0      | 16   | 0/-8          | 25   | 0/-200        | 16.5  | 0/-200        | 1.1   | 15.2   | 1     | —      | —   | 12                     | -3      | 265                   | 402  |
| LME10UU        | 4            | 29.5       | LME10UU-AJ  | 4            | 29     | LME10UU-OP             | 3            | 23         | 10 | 10                             | —         | +8/0      | 19   | 0/-9          | 29   | 0/-200        | 22    | 0/-200        | 1.3   | 18     | 1     | 6.8    | 80° | 12                     | -4      | 372                   | 549  |
| LME12UU        | 4            | 41         | LME12UU-AJ  | 4            | 40     | LME12UU-OP             | 3            | 32         | 12 | 12                             | —         | +8/0      | 22   | 0/-9          | 32   | 0/-200        | 22.9  | 0/-200        | 1.3   | 21     | 1.5   | 7.5    | 78° | 12                     | -4      | 510                   | 784  |
| LME16UU        | 5            | 57         | LME16UU-AJ  | 5            | 56     | LME16UU-OP             | 4            | 44         | 16 | 16                             | —         | +9/-1     | 26   | 0/-9          | 36   | 0/-200        | 24.9  | 0/-200        | 1.3   | 24.9   | 1.5   | 10     | 78° | 12                     | -4      | 578                   | 892  |
| LME20UU        | 5            | 91         | LME20UU-AJ  | 5            | 90     | LME20UU-OP             | 4            | 75         | 20 | 20                             | —         | +9/-1     | 32   | 0/-11         | 45   | 0/-200        | 31.5  | 0/-200        | 1.6   | 30.3   | 2     | 10     | 60° | 15                     | -6      | 862                   | 1370 |
| LME25UU        | 6            | 215        | LME25UU-AJ  | 6            | 212    | LME25UU-OP             | 5            | 181        | 25 | 25                             | —         | +11/-1    | 40   | 0/-11         | 58   | 0/-300        | 44.1  | 0/-300        | 1.85  | 37.5   | 2     | 12.5   | 60° | 15                     | -6      | 980                   | 1570 |
| LME30UU        | 6            | 325        | LME30UU-AJ  | 6            | 320    | LME30UU-OP             | 5            | 272        | 30 | 30                             | —         | +11/-1    | 47   | 0/-11         | 68   | 0/-300        | 52.1  | 0/-300        | 1.85  | 44.5   | 2     | 12.5   | 50° | 15                     | -8      | 1570                  | 2740 |
| LME40UU        | 6            | 705        | LME40UU-AJ  | 6            | 694    | LME40UU-OP             | 5            | 600        | 40 | 40                             | —         | +13/-2    | 62   | 0/-13         | 80   | 0/-300        | 60.6  | 0/-300        | 2.15  | 59     | 3     | 16.8   | 50° | 17                     | -8      | 2160                  | 4020 |
| LME50UU        | 6            | 1130       | LME50UU-AJ  | 6            | 1110   | LME50UU-OP             | 5            | 970        | 50 | 50                             | —         | +13/-2    | 75   | 0/-13         | 100  | 0/-300        | 77.6  | 0/-300        | 2.65  | 72     | 3     | 21     | 50° | 17                     | -13     | 3820                  | 7940 |
| LME60UU        | 6            | 250        | LME60UU-AJ  | 6            | 2000   | LME60UU-OP             | 5            | 1580       | 60 | 60                             | —         | +13/-2    | 90   | 0/-15         | 125  | 0/-400        | 101.7 | 0-400         | 3.15  | 86.5   | 3     | 27.2   | 54° | 20                     | -13     | 4700                  | 9800 |