

LMB 英制規格

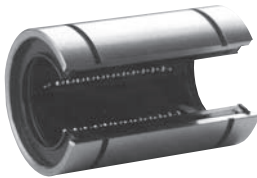
Inch Dimension Series Used Mainly In USA



標準型  
Standard type

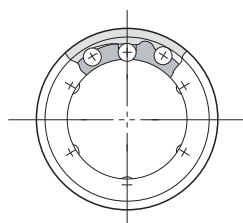
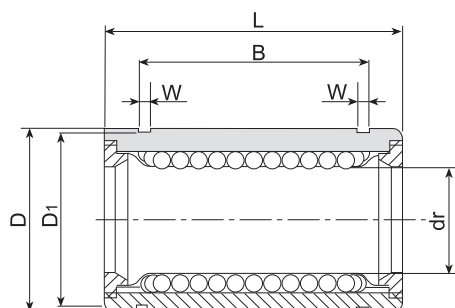


AJ型  
AJ type

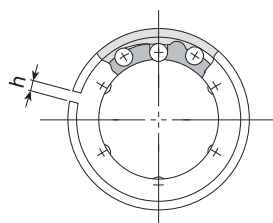


OP型  
OP type

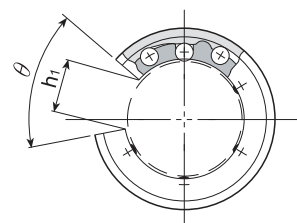
| 軸徑<br>Nominal<br>shaft<br>diameter<br>mm | 型 號 Model No.    |                    |             |                       |                    |             |                       |                    |             | dr     |                    |
|------------------------------------------|------------------|--------------------|-------------|-----------------------|--------------------|-------------|-----------------------|--------------------|-------------|--------|--------------------|
|                                          | LMB              | 鋼珠                 | 重量          | LMB...AJ              | 鋼珠                 | 重量          | LMB...OP              | 鋼珠                 | 重量          | mm     | 公差 Tolerance<br>μm |
|                                          | LMB...UU         | 條數<br>Ball circuit | Weight<br>g | LMB...UU-AJ           | 條數<br>Ball circuit | Weight<br>g | LMB...UU-OP           | 條數<br>Ball circuit | Weight<br>g |        |                    |
| 6.350                                    | LMB4<br>LMB4UU   | 4                  | 8.0         | LMB4AJ<br>LMB4UU-AJ   | 4                  | 7.5         | —                     | —                  | —           | 6.350  | 0<br>-9            |
| 9.525                                    | LMB6<br>LMB6UU   | 4                  | 14          | LMB6AJ<br>LMB6UU-AJ   | 4                  | 13.5        | —                     | —                  | —           | 9.525  |                    |
| 12.700                                   | LMB8<br>LMB8UU   | 4                  | 37          | LMB8AJ<br>LMB8UU-AJ   | 4                  | 36.5        | LMB8OP<br>LMB8UU-OP   | 3                  | 28          | 12.700 |                    |
| 15.875                                   | LMB10<br>LMB10UU | 5                  | 76          | LMB10AJ<br>LMB10UU-AJ | 5                  | 74          | LMB10OP<br>LMB10UU-OP | 4                  | 57          | 15.875 | 0<br>-10           |
| 19.050                                   | LMB12<br>LMB12UU | 5                  | 95          | LMB12AJ<br>LMB12UU-AJ | 5                  | 93          | LMB12OP<br>LMB12UU-OP | 4                  | 76          | 19.050 |                    |
| 25.400                                   | LMB16<br>LMB16UU | 6                  | 200         | LMB16AJ<br>LMB16UU-AJ | 6                  | 198         | LMB16OP<br>LMB16UU-OP | 5                  | 170         | 25.400 |                    |
| 31.750                                   | LMB20<br>LMB20UU | 6                  | 440         | LMB20AJ<br>LMB20UU-AJ | 6                  | 430         | LMB20OP<br>LMB20UU-OP | 5                  | 370         | 31.750 | 0<br>-12           |
| 38.100                                   | LMB24<br>LMB24UU | 6                  | 670         | LMB24AJ<br>LMB24UU-AJ | 6                  | 660         | LMB24OP<br>LMB24UU-OP | 5                  | 570         | 38.100 |                    |
| 50.800                                   | LMB32<br>LMB32UU | 6                  | 1,140       | LMB32AJ<br>LMB32UU-AJ | 6                  | 1,120       | LMB32OP<br>LMB32UU-OP | 5                  | 980         | 50.800 |                    |



LMB



LMB...AJ



LMB...OP

| 主要尺寸及精度 Main dimensions and tolerance |                       |         |                       |         |                       |         |          |         |          |     | 偏 心<br>Eccentricity | 徑向<br>間隙<br>Radial<br>clearance<br>(Max) | 基本定格荷重<br>Basic load rating |                          | 軸徑<br>Nominal<br>shaft<br>diameter |
|---------------------------------------|-----------------------|---------|-----------------------|---------|-----------------------|---------|----------|---------|----------|-----|---------------------|------------------------------------------|-----------------------------|--------------------------|------------------------------------|
| D<br>mm                               | 公差<br>Tolerance<br>μm | L<br>mm | 公差<br>Tolerance<br>μm | B<br>mm | 公差<br>Tolerance<br>μm | W<br>mm | D1<br>mm | h<br>mm | h1<br>mm | θ   | μm                  | μm                                       | 動定格<br>dynamic<br>C(kgf)    | 靜定格<br>static<br>Co(kgf) | mm                                 |
| 12.700                                | 0<br>-11              | 19.050  | 0<br>-200             | 12.98   | 0<br>-200             | 0.992   | 11.906   | 1       | —        | —   | 12                  | -3                                       | 21                          | 27                       | 6.350                              |
| 15.875                                | 0<br>-13              | 22.225  |                       | 16.15   |                       | 0.992   | 14.935   | 1       | —        | —   |                     |                                          | 23                          | 32                       | 9.525                              |
| 22.225                                |                       | 31.750  |                       | 24.46   |                       | 1.168   | 20.853   | 1.5     | 8.700    | 80° |                     | -4                                       | 52                          | 79                       | 12.700                             |
| 28.575                                |                       | 38.100  |                       | 28.04   |                       | 1.422   | 26.899   | 1.5     | 9.525    | 80° |                     |                                          | 59                          | 120                      | 15.875                             |
| 31.750                                | 0                     | 41.275  | 0<br>-300             | 29.61   | 0<br>-300             | 1.422   | 29.870   | 1.5     | 11.113   | 60° | 15                  | -6                                       | 88                          | 140                      | 19.050                             |
| 39.688                                | -16                   | 57.150  |                       | 44.57   |                       | 1.727   | 37.306   | 1.5     | 11.800   | 50° |                     |                                          | 100                         | 160                      | 25.400                             |
| 50.800                                | 0<br>-16              | 66.675  |                       | 50.92   |                       | 1.727   | 47.904   | 2.5     | 15.875   | 50° | 20                  | -8                                       | 160                         | 280                      | 31.750                             |
| 60.325                                |                       | 76.200  |                       | 61.26   |                       | 2.184   | 56.870   | 3       | 19.050   | 50° |                     |                                          | 222                         | 410                      | 38.100                             |
| 76.200                                |                       | 101.600 |                       | 81.07   |                       | 2.616   | 72.085   | 3       | 25.400   | 50° |                     |                                          | 390                         | 810                      | 50.800                             |
|                                       |                       |         |                       |         |                       |         |          |         |          |     | 25                  | -13                                      |                             |                          |                                    |