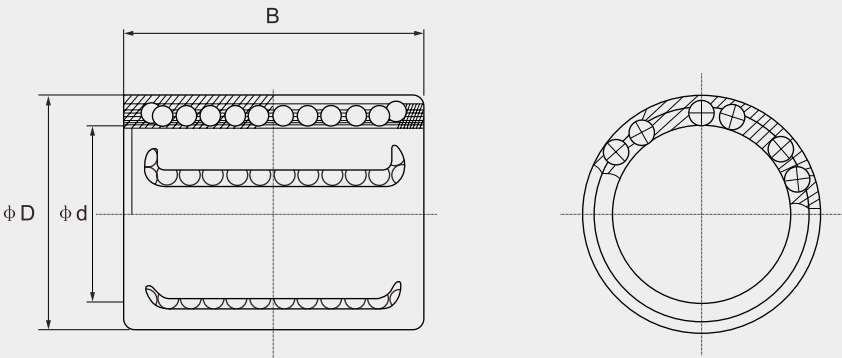


冲压外圈型: KH

Pressing Bush Bearing: KH



KH...



| 型号<br>Model | 主要尺寸 Major dimensions (mm) |    |    | 额定负荷 Basic load rating |                       | 重量<br>Weight (g) |
|-------------|----------------------------|----|----|------------------------|-----------------------|------------------|
|             | φd                         | φD | B  | 动负荷<br>Dynamic<br>C N  | 静负荷<br>Static<br>Co N |                  |
| KH0622PP    | 6                          | 12 | 22 | 239                    | 400                   | 7                |
| KH0824PP    | 8                          | 15 | 24 | 280                    | 435                   | 12               |
| KH1026PP    | 10                         | 17 | 26 | 370                    | 500                   | 14.5             |
| KH1228PP    | 12                         | 19 | 28 | 510                    | 620                   | 18.5             |
| KH1428PP    | 14                         | 21 | 28 | 520                    | 620                   | 20.5             |
| KH1630PP    | 16                         | 24 | 30 | 620                    | 800                   | 27.5             |
| KH2030PP    | 20                         | 28 | 30 | 790                    | 950                   | 32.5             |
| KH2540PP    | 25                         | 35 | 40 | 1,670                  | 1,990                 | 66               |
| KH3050PP    | 30                         | 40 | 50 | 2,700                  | 2,800                 | 95               |
| KH4060PP    | 40                         | 52 | 60 | 4,400                  | 4,450                 | 182              |
| KH5070PP    | 50                         | 62 | 70 | 5,500                  | 6,300                 | 252              |

密封型

Seal type

|    |      |
|----|------|
| 不标 | 不带密封 |
| P  | 单密封  |
| PP | 双密封  |

|          |                    |
|----------|--------------------|
| No entry | No seals           |
| P        | Seal on one side   |
| PP       | Seal on both sides |

# 法兰式直线轴承

## Flanged Linear Motion Ball Bearing

- SNB 法兰型直线轴承外圆上有一个垂直的安装平台，故安装时不需轴承座，从而大大地降低了成本。
- 法兰型直线轴承具有足够的刚性，它能承受标准型直线轴承所能承受的同等负荷。法兰盘经过精密加工，与轴承外径的垂直精度很高，具有良好的互换性，维修更换十分方便。
- The SNB flanged linear motion ball bearing is equipped with a vertical fixing plat(flange) perpendicular mounting surface as part of the outer casing. Therefore, it does not require a housing thus providing high cost efficiency, no housing required, which low cost much.

● Flanged linear motion ball bearings have sufficient rigidity to support equivalent loads of standard ball bushings. Incorporated in this design is a finely machined flange and outer diameter with high prenson perpendicularity, and excellent flange interchange bility to simplify replacement.

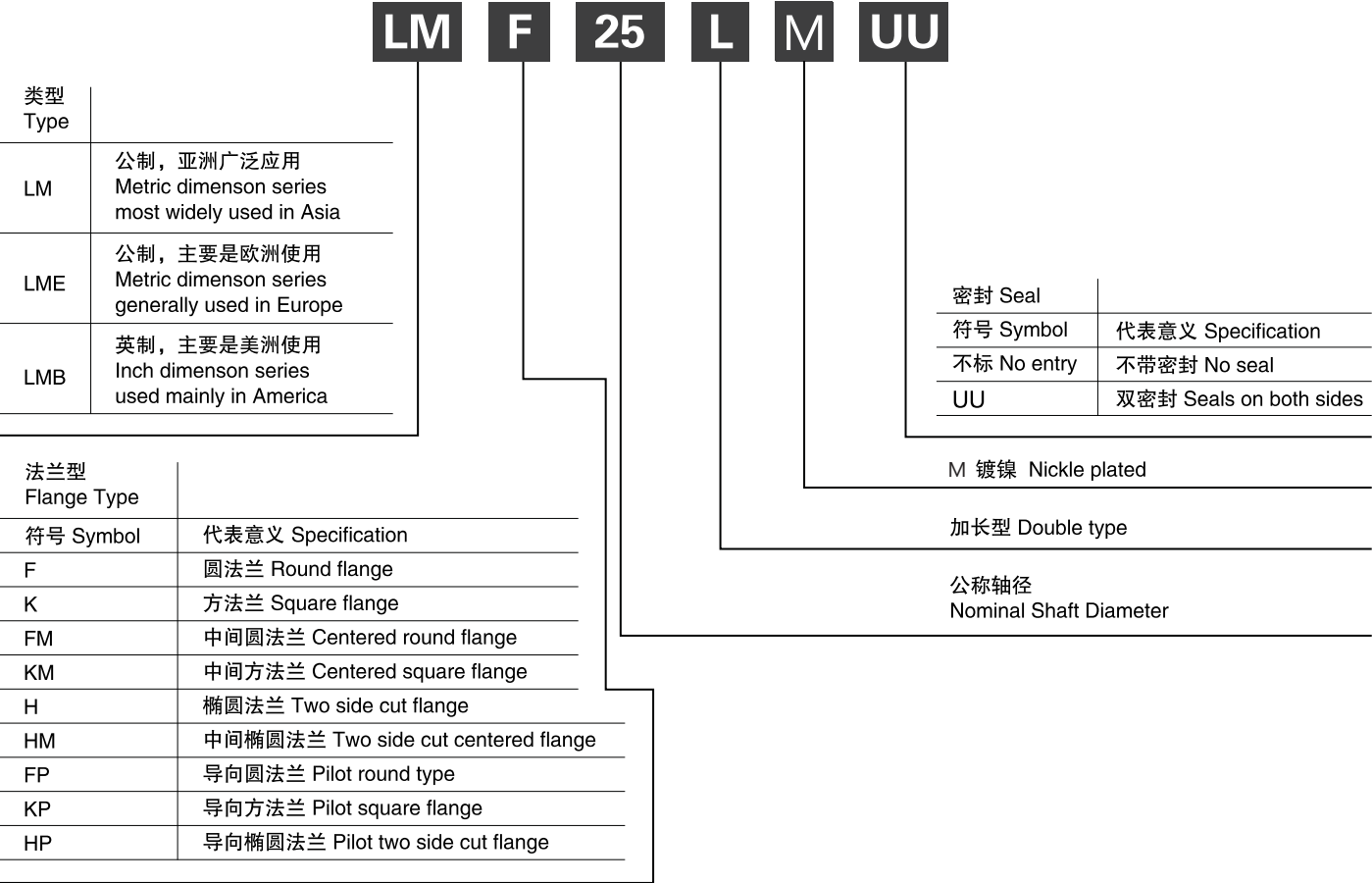
# 结构和优点

## Structure and Features

- 这种结构提供了一种不同的安装方法，它不需要轴承支架，也不需要将轴承压入到轴承座中。
- SNB 法兰型直线轴承有标准型的，也有加长型的，有法兰盘在端部的，也有法兰盘在中间的，法兰盘在中间的可以更好地承受力矩负荷。
- 不需要单独的轴承座
- 结构紧凑
- 足够的刚性
- 更换时仍能保持高精度

- This design enables various mounting methods other than conventional pillow blocks and press fit ball bushings.
- SNB flanged linear motion ball bearings include single retainer and mounted flange as well as double retainer and end mount and certen red mounted flange type with excellent moment load capability.
- No housing required
- Compact design
- Excellent rigidity
- High accuracy upon replacement

法兰式直线轴承的代号  
Flanged Linear Motion Ball Bearings Type Number Format



LM

F

25

L

M

UU

密封 Seal

符号 Symbol

代表意义 Specification

不标 No entry

不带密封 No seal

UU

双密封 Seals on both sides

M 镀镍 Nickle plated

加长型 Double type

公称轴径  
Nominal Shaft Diameter

法兰式直线轴承的分类(1)  
Classifications of Flanged Linear Motion Ball Bearings No.(1)

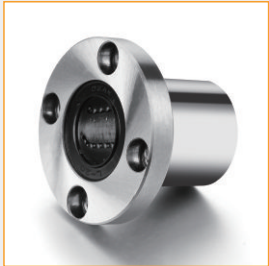
| 结构<br>Design                  | 安装实例<br>Mounting example | 法兰类型<br>Flange type | 长度<br>Length |
|-------------------------------|--------------------------|---------------------|--------------|
| 标准法兰型<br>Standed Flanged type |                          | LMF<br>LMEF<br>LMBF | Single       |
|                               |                          | LMK<br>LMEK<br>LMBK | Single       |
|                               |                          | LMH                 | Single       |
|                               |                          |                     |              |
|                               |                          |                     |              |
|                               |                          |                     |              |
|                               |                          |                     |              |
|                               |                          |                     |              |
|                               |                          |                     |              |

法兰式直线轴承的分类(2)  
Classifications of Flanged Linear Motion Ball Bearings No.(2)

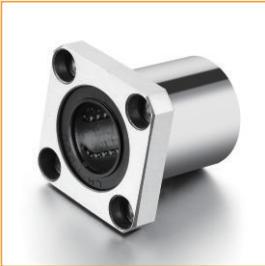
| 结构<br>Structure                                    | 安装实例<br>Mounting example | 法兰类型<br>Flange type                | 长度<br>Length |
|----------------------------------------------------|--------------------------|------------------------------------|--------------|
| 加长法兰型<br>Double-Wide Flanged type                  |                          | LMF...L<br>LMEF...L<br>LMBF...L    | Double       |
|                                                    |                          | LMK...L<br>LMEK...L<br>LMBK...L    | Double       |
|                                                    |                          | LMH...L                            | Double       |
| 导向法兰型<br>Pilot Flanged type                        |                          | LMFP                               | Single       |
|                                                    |                          | LMKP                               | Single       |
|                                                    |                          | LMHP                               | Single       |
| 加长导向法兰型<br>Double-Wide-Position-Pilot Flanged type |                          | LMFP...L                           | Double       |
|                                                    |                          | LMKP...L                           | Double       |
|                                                    |                          | LMHP...L                           | Double       |
| 加长中间法兰型<br>Double-Wide-Middle Flanged type         |                          | LMFM...L<br>LMEFM...L<br>LMBFM...L | Double       |
|                                                    |                          | LMKM...L<br>LMEKM...L<br>LMBKM...L | Double       |
|                                                    |                          | LMHM...L                           | Double       |
| 法兰型行程轴承<br>Flanged Stroke Bearing                  |                          | STF                                | Single       |
|                                                    |                          | STK                                | Single       |
|                                                    |                          | STH                                | Single       |

LMF(K)···UU 尼龙保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

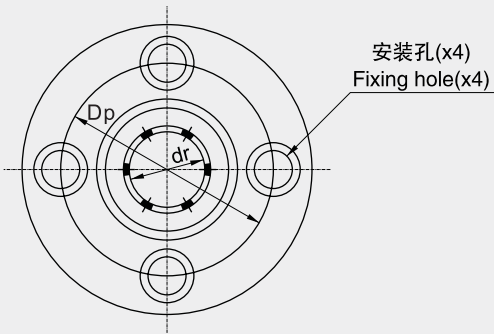
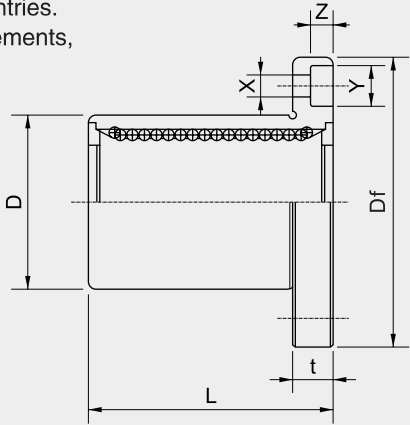
LMF(K)···UU (Resin retainer)  
This type is a metric dimension series widely used in Asia and other countries.  
All models can be done with nickle plated according to customers' requirements,  
with function of rust-proof.



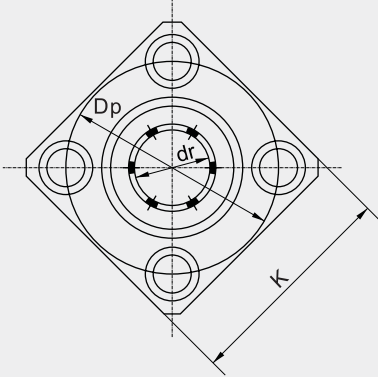
LMF···UU



LMK···UU



LMF···UU



LMK···UU

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 尼龙保持架 Resin retainer |                     |                 |                     | 主要尺寸和公差 Major dimensions and tolerance |                        |     |                        |     |                        |
|--------------------------------------------|----------------------|---------------------|-----------------|---------------------|----------------------------------------|------------------------|-----|------------------------|-----|------------------------|
|                                            | 圆法兰<br>LMF···UU      | 重量<br>Weight<br>(g) | 方法兰<br>LMK···UU | 重量<br>Weight<br>(g) | dr                                     |                        | D   |                        | L   |                        |
|                                            |                      |                     |                 |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 5                                          | LMF5UU               | 18                  | LMK5UU          | 13                  | 5                                      | 0                      | 10  | -11                    | 15  | ± 300                  |
| 6                                          | LMF6UU               | 24                  | LMK6UU          | 18                  | 6                                      |                        | 12  |                        | 19  |                        |
| 8                                          | LMF8SUU              | 32                  | LMK8SUU         | 24                  | 8                                      |                        | 15  |                        | 17  |                        |
| 8                                          | LMF8UU               | 37                  | LMK8UU          | 29                  | 8                                      |                        | 15  |                        | 24  |                        |
| 10                                         | LMF10UU              | 72                  | LMK10UU         | 52                  | 10                                     | -9                     | 19  | 0                      | 29  | 0                      |
| 12                                         | LMF12UU              | 76                  | LMK12UU         | 57                  | 12                                     |                        | 21  |                        | 30  |                        |
| 13                                         | LMF13UU              | 88                  | LMK13UU         | 72                  | 13                                     |                        | 23  |                        | 32  |                        |
| 16                                         | LMF16UU              | 120                 | LMK16UU         | 104                 | 16                                     |                        | 28  |                        | 37  |                        |
| 20                                         | LMF20UU              | 180                 | LMK20UU         | 145                 | 20                                     | 0                      | 32  | -13                    | 42  | -200                   |
| 25                                         | LMF25UU              | 340                 | LMK25UU         | 300                 | 25                                     |                        | 40  |                        | 59  |                        |
| 30                                         | LMF30UU              | 470                 | LMK30UU         | 375                 | 30                                     |                        | 45  |                        | 64  |                        |
| 35                                         | LMF35UU              | 650                 | LMK35UU         | 560                 | 35                                     |                        | 52  |                        | 70  |                        |
| 40                                         | LMF40UU              | 1,060               | LMK40UU         | 880                 | 40                                     | 0                      | 60  | -19                    | 80  | -300                   |
| 50                                         | LMF50UU              | 2,200               | LMK50UU         | 2,000               | 50                                     |                        | 80  |                        | 100 |                        |
| 60                                         | LMF60UU              | 3,000               | LMK60UU         | 2,560               | 60                                     |                        | 90  |                        | 110 |                        |
| 80                                         | LMF80UU              | 5,800               | LMK80UU         | 5,300               | 80                                     |                        | 120 |                        | 140 |                        |
| 100                                        | LMF100UU             | 10,600              | LMK100UU        | 9,900               | 100                                    | 0                      | 150 | -25                    | 175 | 0                      |
| 120                                        | LMF120UU             | 17,200              | LMK120UU        | 16,400              | 120                                    |                        | 180 |                        | 200 |                        |

| 主要尺寸和公差 Major dimensions and tolerance |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| Df<br>mm                               | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 26                                     | 21      | 5       | 18       | 3.5     | 6       | 3.1     | 12                        | 12                       | 167                       | 206                   |
| 28                                     | 22      | 5       | 20       | 3.5     | 6       | 3.1     |                           |                          | 206                       | 265                   |
| 32                                     | 25      | 5       | 24       | 3.5     | 6       | 3.1     |                           |                          | 176                       | 216                   |
| 32                                     | 25      | 5       | 24       | 3.5     | 6       | 3.1     |                           |                          | 274                       | 392                   |
| 40                                     | 30      | 6       | 29       | 4.5     | 7.5     | 4.1     |                           |                          | 372                       | 549                   |
| 42                                     | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 43                                     | 34      | 6       | 33       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 48                                     | 37      | 6       | 38       | 4.5     | 7.5     | 4.1     |                           |                          | 774                       | 1,180                 |
| 54                                     | 42      | 8       | 43       | 5.5     | 9       | 5.1     | 15                        | 15                       | 882                       | 1,370                 |
| 62                                     | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 980                       | 1,570                 |
| 74                                     | 58      | 10      | 60       | 6.6     | 11      | 6.1     |                           |                          | 1,570                     | 2,740                 |
| 82                                     | 64      | 10      | 67       | 6.6     | 11      | 6.1     |                           |                          | 1,670                     | 3,140                 |
| 96                                     | 75      | 13      | 78       | 9       | 14      | 8.1     | 20                        | 20                       | 2,160                     | 4,020                 |
| 116                                    | 92      | 13      | 98       | 9       | 14      | 8.1     |                           |                          | 3,820                     | 7,940                 |
| 134                                    | 106     | 18      | 112      | 11      | 17      | 11.1    |                           |                          | 4,700                     | 10,000                |
| 164                                    | 136     | 18      | 142      | 11      | 17      | 11.1    | 25                        | 25                       | 7,350                     | 16,000                |
| 200                                    | 170     | 20      | 175      | 14      | 20      | 13.1    |                           |                          | 14,100                    | 34,800                |
| 230                                    | 200     | 20      | 205      | 14      | 20      | 13.1    |                           |                          | 16,400                    | 40,000                |

|                             |    |      |          |                    |
|-----------------------------|----|------|----------|--------------------|
| 密封型 Seal type:<br>LMF20 MUU | 不标 | 不带密封 | No entry | No seals           |
|                             | UU | 双密封  | UU       | Seal on both sides |
|                             | M  | 镀镍   | M        | Nickle plated      |

国际单位: 1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf

LMF(K)···GA 锌合金保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

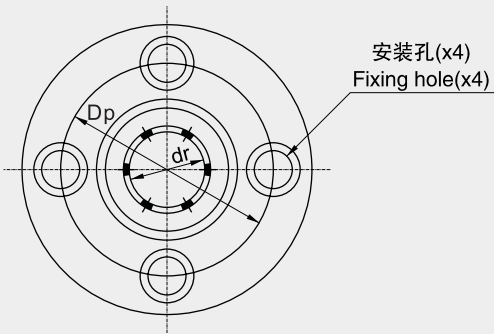
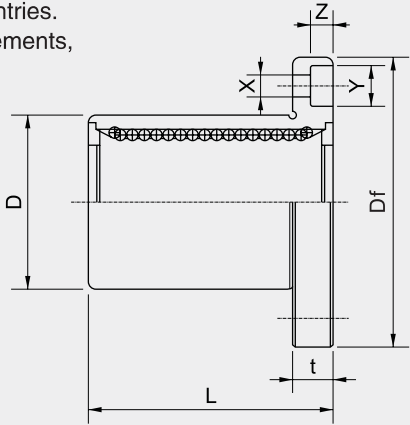
LMF(K)···GA (Zinc alloy retainer)  
This type is a metric dimension series widely used in Asia and other countries.  
All models can be done with nickle plated according to customers' requirements, with function of rust-proof.



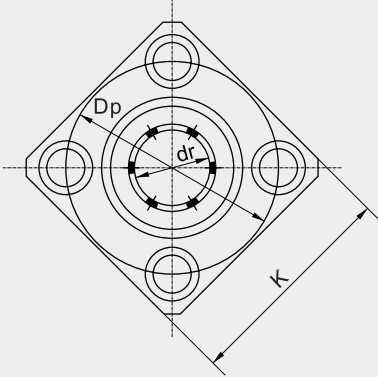
LMF···GA



LMK···GA



LMF···GA



LMK···GA

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 尼龙保持架 Resin retainer |                     |                 |                     | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |    |                        |
|--------------------------------------------|----------------------|---------------------|-----------------|---------------------|----------------------------------------|------------------------|----|------------------------|----|------------------------|
|                                            | 圆法兰<br>LMF···GA      | 重量<br>Weight<br>(g) | 方法兰<br>LMK···GA | 重量<br>Weight<br>(g) | dr                                     |                        | D  |                        | L  |                        |
|                                            |                      |                     |                 |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m |
| 6                                          | LMF6GA               | 25.3                | LMK6GA          | 19.3                | 6                                      | 0<br>-9                | 12 | 0<br>-11               | 19 | ± 300                  |
| 8                                          | LMF8GA               | 39.3                | LMK8GA          | 31.3                | 8                                      |                        | 15 |                        | 24 |                        |
| 10                                         | LMF10GA              | 74.5                | LMK10GA         | 54.5                | 10                                     |                        | 19 |                        | 29 |                        |
| 12                                         | LMF12GA              | 81.2                | LMK12GA         | 62.2                | 12                                     |                        | 21 | 0<br>-13               | 30 |                        |
| 13                                         | LMF13GA              | 95                  | LMK13GA         | 79                  | 13                                     |                        | 23 |                        | 32 |                        |
| 16                                         | LMF16GA              | 137                 | LMK16GA         | 121                 | 16                                     | 0<br>-10               | 28 |                        | 37 | 0<br>-200              |
| 20                                         | LMF20GA              | 205                 | LMK20GA         | 170                 | 20                                     |                        | 32 | 0<br>-16               | 42 |                        |
| 25                                         | LMF25GA              | 402                 | LMK25GA         | 362                 | 25                                     |                        | 40 |                        | 59 |                        |
| 30                                         | LMF30GA              | 546                 | LMK30GA         | 451                 | 30                                     | 0<br>-12               | 45 |                        | 64 | 0<br>-300              |
| 35                                         | LMF35GA              | 749                 | LMK35GA         | 659                 | 35                                     |                        | 52 | 0<br>-19               | 70 |                        |
| 40                                         | LMF40GA              | 1,205               | LMK40GA         | 1,025               | 40                                     |                        | 60 |                        | 80 |                        |

LMF20MGA      M      镀镍      M      Nickle plated

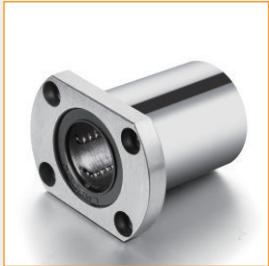
| 主要尺寸和公差 Major dimensions and tolerance |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| Df<br>mm                               | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 28                                     | 22      | 5       | 20       | 3.5     | 6       | 3.1     | 12                        | 12                       | 206                       | 265                   |
| 32                                     | 25      | 5       | 24       | 3.5     | 6       | 3.1     |                           |                          | 274                       | 392                   |
| 40                                     | 30      | 6       | 29       | 4.5     | 7.5     | 4.1     |                           |                          | 372                       | 549                   |
| 42                                     | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 43                                     | 34      | 6       | 33       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 48                                     | 37      | 6       | 38       | 4.5     | 7.5     | 4.1     |                           |                          | 774                       | 1,180                 |
| 54                                     | 42      | 8       | 43       | 5.5     | 9       | 5.1     | 15                        | 15                       | 882                       | 1,370                 |
| 62                                     | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 980                       | 1,570                 |
| 74                                     | 58      | 10      | 60       | 6.6     | 11      | 6.1     |                           |                          | 1,570                     | 2,740                 |
| 82                                     | 64      | 10      | 67       | 6.6     | 11      | 6.1     |                           |                          | 1,670                     | 3,140                 |
| 96                                     | 75      | 13      | 78       | 9       | 14      | 8.1     | 20                        | 20                       | 2,160                     | 4,020                 |

国际单位: 1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf

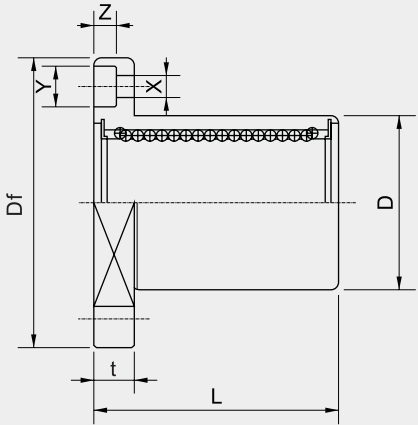


LMH...UU 尼龙保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

LMH...UU (Resin retainer)  
This type is a metric dimension series widely used in Asia and other countries. All models can be done with nickle plated according to customers' requirements, with function of rust-proof.



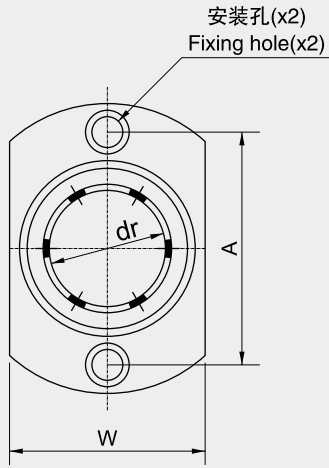
LMH...UU



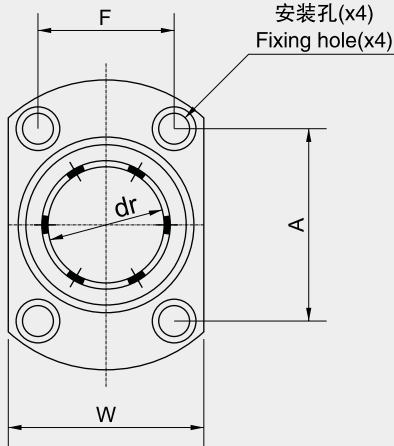
| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 椭圆法兰<br>LMH...UU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |    |                        |
|--------------------------------------------|------------------|---------------------|----------------------------------------|------------------------|----|------------------------|----|------------------------|
|                                            |                  |                     | dr                                     |                        | D  |                        | L  |                        |
|                                            |                  |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m |
| 5                                          | LMH5UU           | 15                  | 5                                      | 0<br>-9                | 10 | 0                      | 15 | ± 300                  |
| 6                                          | LMH6UU           | 21                  | 6                                      |                        | 12 | -11                    | 19 |                        |
| 8                                          | LMH8UU           | 33                  | 8                                      |                        | 15 |                        | 24 |                        |
| 10                                         | LMH10UU          | 64                  | 10                                     |                        | 19 |                        | 29 |                        |
| 12                                         | LMH12UU          | 68                  | 12                                     |                        | 21 | 0                      | 30 |                        |
| 13                                         | LMH13UU          | 81                  | 13                                     | 0<br>-10               | 23 | -13                    | 32 | 0<br>-200              |
| 16                                         | LMH16UU          | 112                 | 16                                     |                        | 28 |                        | 37 |                        |
| 20                                         | LMH20UU          | 167                 | 20                                     |                        | 32 | 0                      | 42 |                        |
| 25                                         | LMH25UU          | 325                 | 25                                     |                        | 40 | -16                    | 59 |                        |
| 30                                         | LMH30UU          | 388                 | 30                                     |                        | 45 |                        | 64 |                        |
| 35                                         | LMH35UU          | 580                 | 35                                     | 0                      | 52 | 0                      | 70 | 0<br>-300              |
| 40                                         | LMH40UU          | 920                 | 40                                     | -12                    | 60 | -19                    | 80 |                        |

|                |    |      |          |                    |    |   |               |
|----------------|----|------|----------|--------------------|----|---|---------------|
| 密封型 Seal type: |    |      |          |                    |    |   |               |
| LMH20 M UU     | 不标 | 不带密封 | No entry | No seals           |    |   |               |
|                | UU | 双密封  | UU       | Seal on both sides |    |   |               |
|                |    |      |          | M                  | 镀镍 | M | Nickle plated |

国际单位：1N≈0.102kgf  
SIUNIT：1N≈0.102kgf



轴径小于或等于13mm  
LMH13 or Less



轴径大于或等于16mm  
LMH16 or More

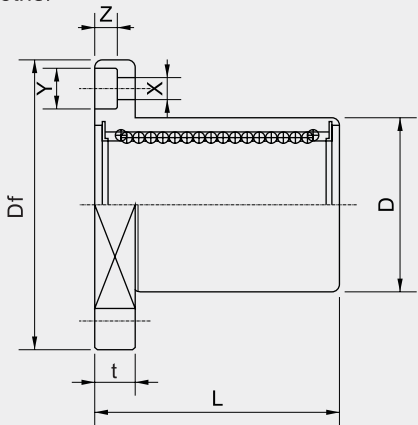
| 主要尺寸和公差 Major dimensions and tolerance |         |         |         |         |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |         |         |         |         |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| Df<br>mm                               | W<br>mm | t<br>mm | A<br>mm | F<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 26                                     | 16      | 5       | 18      | —       | 3.5     | 6       | 3.1     | 12                        | 12                       | 167                       | 206                   |
| 28                                     | 18      | 5       | 20      | —       | 3.5     | 6       | 3.1     |                           |                          | 206                       | 265                   |
| 32                                     | 21      | 5       | 24      | —       | 3.5     | 6       | 3.1     |                           |                          | 274                       | 392                   |
| 40                                     | 25      | 6       | 29      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 372                       | 549                   |
| 42                                     | 27      | 6       | 32      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 43                                     | 29      | 6       | 33      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 48                                     | 34      | 6       | 31      | 22      | 4.5     | 7.5     | 4.1     |                           |                          | 774                       | 1,180                 |
| 54                                     | 38      | 8       | 36      | 24      | 5.5     | 9       | 5.1     | 15                        | 15                       | 882                       | 1,370                 |
| 62                                     | 46      | 8       | 40      | 32      | 5.5     | 9       | 5.1     |                           |                          | 980                       | 1,570                 |
| 74                                     | 51      | 10      | 49      | 35      | 6.6     | 11      | 6.1     |                           |                          | 1,570                     | 2,740                 |
| 82                                     | 60      | 10      | 55      | 38      | 6.6     | 11      | 6.1     | 20                        | 20                       | 1,670                     | 3,140                 |
| 96                                     | 70      | 13      | 64      | 45      | 9       | 14      | 8.1     |                           |                          | 2,160                     | 4,020                 |

LMH...GA 锌合金保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

LMH...GA (Zinc alloy retainer)  
This type is a metric dimension series widely used in Asia and other countries. All models can be done with nickle plated according to customers'requirements, with function of rust-proof.

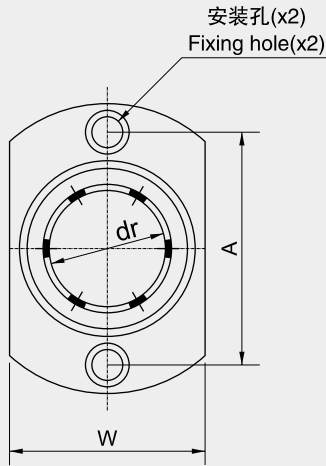


LMH...GA

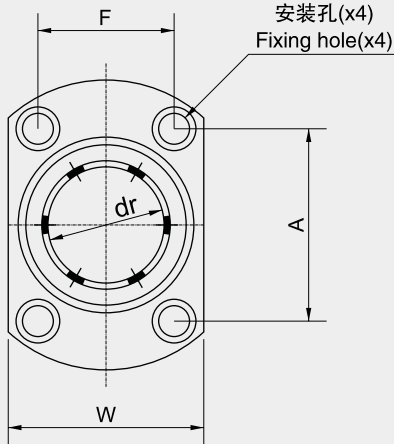


| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 椭圆法兰<br>LMH...GA | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |    |                        |    |
|--------------------------------------------|------------------|---------------------|----------------------------------------|------------------------|----|------------------------|----|------------------------|----|
|                                            |                  |                     | dr                                     |                        | D  |                        | L  |                        |    |
|                                            |                  |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m |    |
| 6                                          | LMH6GA           | 22.3                | 6                                      | 0<br>-9                | 12 | 0                      | 19 | ± 300                  |    |
| 8                                          | LMH8GA           | 35.3                | 8                                      |                        | 15 | -11                    | 24 |                        |    |
| 10                                         | LMH10GA          | 65.5                | 10                                     |                        | 19 | -13                    | 29 |                        |    |
| 12                                         | LMH12GA          | 73.2                | 12                                     |                        | 21 |                        | 0  |                        | 30 |
| 13                                         | LMH13GA          | 88                  | 13                                     |                        | 23 |                        | 32 |                        |    |
| 16                                         | LMH16GA          | 129                 | 16                                     | 0<br>-10               | 28 | -16                    | 37 | -200                   |    |
| 20                                         | LMH20GA          | 192                 | 20                                     |                        | 32 |                        | 0  |                        | 42 |
| 25                                         | LMH25GA          | 387                 | 25                                     |                        | 40 |                        | 59 |                        |    |
| 30                                         | LMH30GA          | 464                 | 30                                     |                        | 45 | 0                      | 64 | 0<br>-300              |    |
| 35                                         | LMH35GA          | 679                 | 35                                     |                        | 52 | 0                      | 70 |                        |    |
| 40                                         | LMH40GA          | 1,065               | 40                                     |                        | 60 | -19                    | 80 |                        |    |

LMH20M GA      M      镀镍      M      Nickle plated



轴径小于或等于13mm  
LMH13 or Less



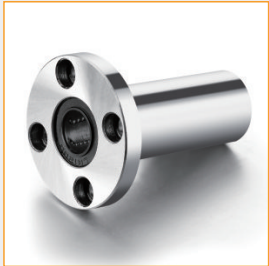
轴径大于或等于16mm  
LMH16 or More

| 主要尺寸和公差 Major dimensions and tolerance |         |         |         |         |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |         |         |         |         |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| Df<br>mm                               | W<br>mm | t<br>mm | A<br>mm | F<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 28                                     | 18      | 5       | 20      | —       | 3.5     | 6       | 3.1     | 12                        | 12                       | 206                       | 265                   |
| 32                                     | 21      | 5       | 24      | —       | 3.5     | 6       | 3.1     |                           |                          | 274                       | 392                   |
| 40                                     | 25      | 6       | 29      | —       | 4.5     | 6       | 4.1     |                           |                          | 372                       | 549                   |
| 42                                     | 27      | 6       | 32      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 43                                     | 29      | 6       | 33      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 48                                     | 34      | 6       | 31      | 22      | 4.5     | 7.5     | 4.1     |                           |                          | 774                       | 1,180                 |
| 54                                     | 38      | 8       | 36      | 24      | 5.5     | 7.5     | 5.1     | 15                        | 15                       | 882                       | 1,370                 |
| 62                                     | 46      | 8       | 40      | 32      | 5.5     | 9       | 5.1     |                           |                          | 980                       | 1,570                 |
| 74                                     | 51      | 10      | 49      | 35      | 6.6     | 9       | 6.1     |                           |                          | 1,570                     | 2,740                 |
| 82                                     | 60      | 10      | 55      | 38      | 6.6     | 11      | 6.1     | 20                        | 20                       | 1,670                     | 3,140                 |
| 96                                     | 70      | 13      | 64      | 45      | 9       | 14      | 8.1     |                           |                          | 2,160                     | 4,020                 |

国际单位：1N≈0.102kgf  
SIUNIT：1N≈0.102kgf

LMF(K)···LUU 尼龙保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

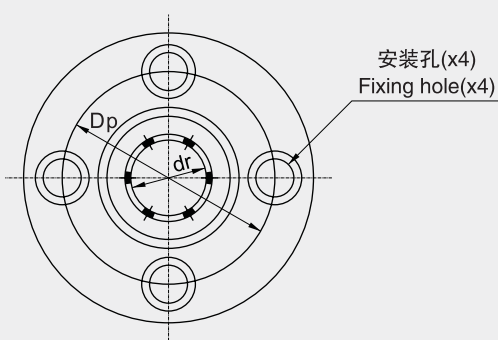
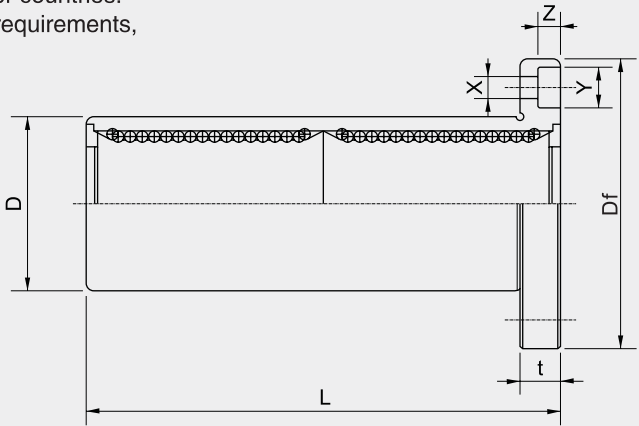
LMF(K)···LUU (Resin retainer)  
This type is a metric dimension series widely used in Asia and other countries.  
All models can be done with nickle plated according to customers' requirements,  
with function of rust-proof.



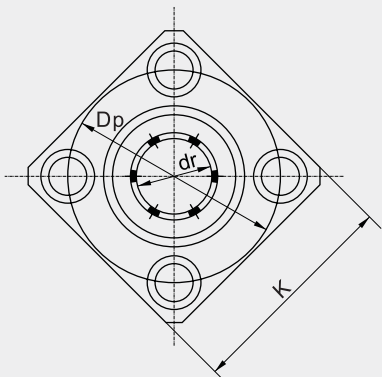
LMF···LUU



LMK···LUU



LMF···LUU



LMK···LUU

| 公称轴径<br>Nominal<br>Shaft<br>diameter<br>mm | 加长圆法兰<br>LMF···LUU | 重量<br>Weight<br>(g) | 加长方法兰<br>LMK···LUU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |     |                        |     |                        |
|--------------------------------------------|--------------------|---------------------|--------------------|---------------------|----------------------------------------|------------------------|-----|------------------------|-----|------------------------|
|                                            |                    |                     |                    |                     | dr                                     |                        | D   |                        | L   |                        |
|                                            |                    |                     |                    |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 5                                          | LMF5LUU            | 24                  | LMK5LUU            | 19                  | 5                                      | 0<br>-10               | 10  | -13                    | 28  | ± 300                  |
| 6                                          | LMF6LUU            | 31                  | LMK6LUU            | 25                  | 6                                      |                        | 12  |                        | 35  |                        |
| 8                                          | LMF8LUU            | 51                  | LMK8LUU            | 43                  | 8                                      |                        | 15  |                        | 45  |                        |
| 10                                         | LMF10LUU           | 98                  | LMK10LUU           | 78                  | 10                                     |                        | 19  |                        | 55  |                        |
| 12                                         | LMF12LUU           | 110                 | LMK12LUU           | 90                  | 12                                     |                        | 21  |                        | 57  |                        |
| 13                                         | LMF13LUU           | 130                 | LMK13LUU           | 108                 | 13                                     | -12                    | 23  | -16                    | 61  | 0<br>-300              |
| 16                                         | LMF16LUU           | 190                 | LMK16LUU           | 165                 | 16                                     |                        | 28  |                        | 70  |                        |
| 20                                         | LMF20LUU           | 260                 | LMK20LUU           | 225                 | 20                                     |                        | 32  |                        | 80  |                        |
| 25                                         | LMF25LUU           | 540                 | LMK25LUU           | 500                 | 25                                     |                        | 40  |                        | 112 |                        |
| 30                                         | LMF30LUU           | 680                 | LMK30LUU           | 590                 | 30                                     |                        | 45  |                        | 123 |                        |
| 35                                         | LMF35LUU           | 1,020               | LMK35LUU           | 930                 | 35                                     | 0<br>-15               | 52  | 0<br>-22               | 135 | 0<br>-400              |
| 40                                         | LMF40LUU           | 1,570               | LMK40LUU           | 1,380               | 40                                     |                        | 60  |                        | 151 |                        |
| 50                                         | LMF50LUU           | 3,600               | LMK50LUU           | 3,400               | 50                                     |                        | 80  |                        | 192 |                        |
| 60                                         | LMF60LUU           | 4,500               | LMK60LUU           | 4,060               | 60                                     |                        | 90  |                        | 209 |                        |
| 80                                         | LMF80LUU           | 9,090               | LMK80LUU           | 8,590               | 80                                     |                        | 120 |                        | 265 |                        |

| 主要尺寸和公差 Major dimensions and tolerance |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷                  |                       |
|----------------------------------------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|-----------------------|-----------------------|
| 法兰 Flange                              |         |         |          |         |         |         |                           |                          | Basic load rating     |                       |
| Df<br>mm                               | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          | 动负荷<br>Dynamic<br>C N | 静负荷<br>Static<br>Co N |
| 26                                     | 21      | 5       | 18       | 3.5     | 6       | 3.1     | 15                        | 15                       | 261                   | 412                   |
| 28                                     | 22      | 5       | 20       | 3.5     | 6       | 3.1     |                           |                          | 323                   | 529                   |
| 32                                     | 25      | 5       | 24       | 3.5     | 6       | 3.1     |                           |                          | 431                   | 784                   |
| 40                                     | 30      | 6       | 29       | 4.5     | 7.5     | 4.1     |                           |                          | 588                   | 1,100                 |
| 42                                     | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 813                   | 1,570                 |
| 43                                     | 34      | 6       | 33       | 4.5     | 7.5     | 4.1     |                           |                          | 813                   | 1,570                 |
| 48                                     | 37      | 6       | 38       | 4.5     | 7.5     | 4.1     | 20                        | 20                       | 1,230                 | 2,350                 |
| 54                                     | 42      | 8       | 43       | 5.5     | 9       | 5.1     |                           |                          | 1,400                 | 2,740                 |
| 62                                     | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 1,560                 | 3,140                 |
| 74                                     | 58      | 10      | 60       | 6.6     | 11      | 6.1     |                           |                          | 2,490                 | 5,490                 |
| 82                                     | 64      | 10      | 67       | 6.6     | 11      | 6.1     |                           |                          | 2,650                 | 6,270                 |
| 96                                     | 75      | 13      | 78       | 9       | 14      | 8.1     |                           |                          | 3,430                 | 8,040                 |
| 116                                    | 92      | 13      | 98       | 9       | 14      | 8.1     | 25                        | 25                       | 6,080                 | 15,900                |
| 134                                    | 106     | 18      | 112      | 11      | 17      | 11.1    |                           |                          | 7,550                 | 20,000                |
| 164                                    | 136     | 18      | 142      | 11      | 17      | 11.1    |                           |                          | 11,500                | 32,000                |

|                |    |      |          |                    |  |  |  |
|----------------|----|------|----------|--------------------|--|--|--|
| 密封型 Seal type: |    |      |          |                    |  |  |  |
| LMF20 L M UU   | 不标 | 不带密封 | No entry | No seals           |  |  |  |
|                | UU | 双密封  | UU       | Seal on both sides |  |  |  |
|                | M  | 镀镍   | M        | Nickle plated      |  |  |  |

国际单位：1N≈0.102kgf  
SIUNIT：1N≈0.102kgf

LMF(K)···LGA 锌合金保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

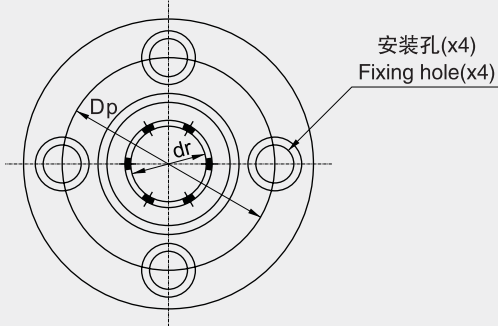
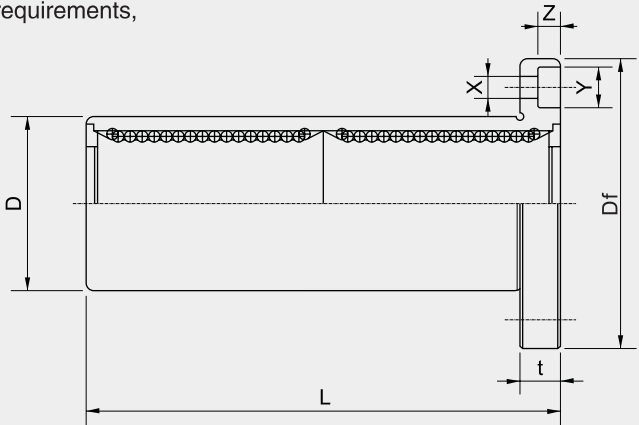
LMF(K)···LGA (Zinc alloy retainer)  
This type is a metric dimension series widely used in Asia and other countries.  
All models can be done with nickle plated according to customers' requirements,  
with function of rust-proof.



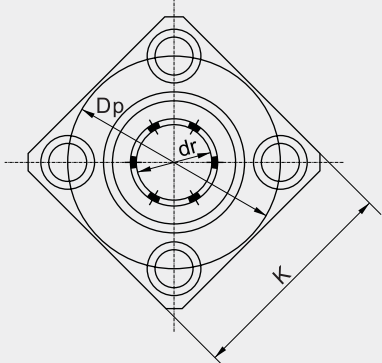
LMF···LGA



LMK···LGA



LMF···LGA



LMK···LGA

| 公称轴径<br>Nominal<br>Shaft<br>diameter<br>mm | 加长圆法兰<br>LMF···LGA | 重量<br>Weight<br>(g) | 加长方法兰<br>LMK···LGA | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |     |                        |
|--------------------------------------------|--------------------|---------------------|--------------------|---------------------|----------------------------------------|------------------------|----|------------------------|-----|------------------------|
|                                            |                    |                     |                    |                     | dr                                     |                        | D  |                        | L   |                        |
|                                            |                    |                     |                    |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 6                                          | LMF6LGA            | 33.6                | LMK6LGA            | 27.6                | 6                                      | 0<br>-10               | 12 | 0                      | 35  | ± 300                  |
| 8                                          | LMF8LGA            | 55.6                | LMK8LGA            | 47.6                | 8                                      |                        | 15 | -13                    | 45  |                        |
| 10                                         | LMF10LGA           | 103                 | LMK10LGA           | 83                  | 10                                     |                        | 19 | 0<br>-16               | 55  |                        |
| 12                                         | LMF12LGA           | 120.4               | LMK12LGA           | 100.4               | 12                                     |                        | 21 |                        | 57  |                        |
| 13                                         | LMF13LGA           | 144                 | LMK13LGA           | 122                 | 13                                     | 0<br>-12               | 23 | 0                      | 61  | 0<br>-300              |
| 16                                         | LMF16LGA           | 224                 | LMK16LGA           | 199                 | 16                                     |                        | 28 | -16                    | 70  |                        |
| 20                                         | LMF20LGA           | 310                 | LMK20LGA           | 275                 | 20                                     |                        | 32 | 0                      | 80  |                        |
| 25                                         | LMF25LGA           | 664                 | LMK25LGA           | 624                 | 25                                     |                        | 40 | -19                    | 112 |                        |
| 30                                         | LMF30LGA           | 832                 | LMK30LGA           | 742                 | 30                                     | 0<br>-15               | 45 | 0<br>-22               | 123 | 0<br>-400              |
| 35                                         | LMF35LGA           | 1,218               | LMK35LGA           | 1,128               | 35                                     |                        | 52 |                        | 135 |                        |
| 40                                         | LMF40LGA           | 1,860               | LMK40LGA           | 1,670               | 40                                     |                        | 60 |                        | 151 |                        |

| 主要尺寸和公差 Major dimensions and tolerance |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| Df<br>mm                               | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 28                                     | 22      | 5       | 20       | 3.5     | 6       | 3.1     | 15                        | 15                       | 323                       | 529                   |
| 32                                     | 25      | 5       | 24       | 3.5     | 6       | 3.1     |                           |                          | 431                       | 784                   |
| 40                                     | 30      | 6       | 29       | 4.5     | 7.5     | 4.1     |                           |                          | 588                       | 1,100                 |
| 42                                     | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 43                                     | 34      | 6       | 33       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 48                                     | 37      | 6       | 38       | 4.5     | 7.5     | 4.1     |                           |                          | 1,230                     | 2,350                 |
| 54                                     | 42      | 8       | 43       | 5.5     | 9       | 5.1     | 20                        | 20                       | 1,400                     | 2,740                 |
| 62                                     | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 1,560                     | 3,140                 |
| 74                                     | 58      | 10      | 60       | 6.6     | 11      | 6.1     |                           |                          | 2,490                     | 5,490                 |
| 82                                     | 64      | 10      | 67       | 6.6     | 11      | 6.1     |                           |                          | 2,650                     | 6,270                 |
| 96                                     | 75      | 13      | 78       | 9       | 14      | 8.1     | 25                        | 25                       | 3,430                     | 8,040                 |

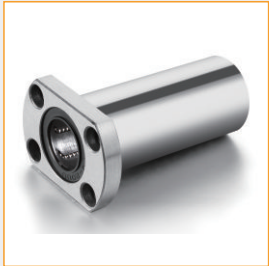
LMF20 L M GA  
M 镀镍 M Nickle plated

国际单位：1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf

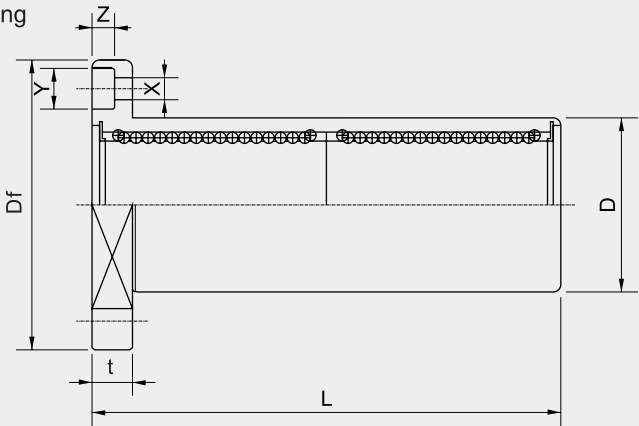


LMH...LUU 尼龙保持架  
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LMH...LUU (Resin retainer)  
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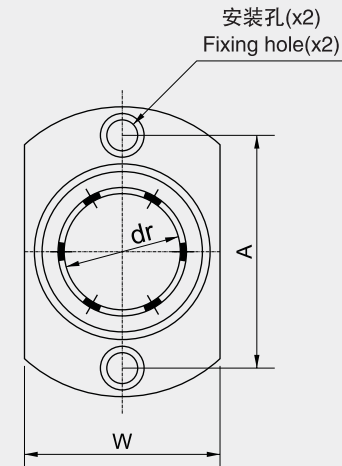


LMH...LUU

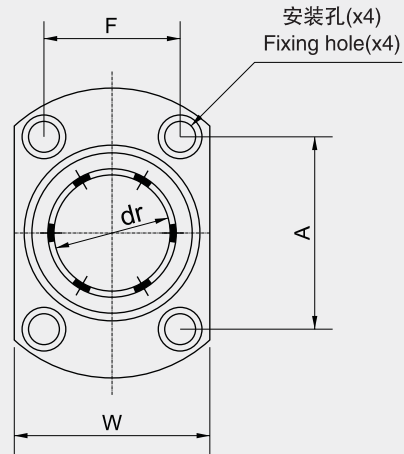


| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长椭圆法兰<br>LMH...LUU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |     |                        |
|--------------------------------------------|---------------------|---------------------|----------------------------------------|------------------------|----|------------------------|-----|------------------------|
|                                            |                     |                     | dr                                     |                        | D  |                        | L   |                        |
|                                            |                     |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 5                                          | LMH5LUU             | 21                  | 5                                      | 0<br>-10               | 10 | 0<br>-13               | 28  | ± 300                  |
| 6                                          | LMH6LUU             | 28                  | 6                                      |                        | 12 |                        | 35  |                        |
| 8                                          | LMH8LUU             | 47                  | 8                                      |                        | 15 |                        | 45  |                        |
| 10                                         | LMH10LUU            | 90                  | 10                                     |                        | 19 | 0<br>-16               | 55  | 0                      |
| 12                                         | LMH12LUU            | 102                 | 12                                     |                        | 21 |                        | 57  |                        |
| 13                                         | LMH13LUU            | 123                 | 13                                     | 0<br>-12               | 23 | -19                    | 61  | -300                   |
| 16                                         | LMH16LUU            | 182                 | 16                                     |                        | 28 |                        | 70  |                        |
| 20                                         | LMH20LUU            | 247                 | 20                                     |                        | 32 | 0<br>-19               | 80  | 0                      |
| 25                                         | LMH25LUU            | 525                 | 25                                     |                        | 40 |                        | 112 |                        |
| 30                                         | LMH30LUU            | 645                 | 30                                     |                        | 45 | 0<br>-22               | 123 | -400                   |
| 35                                         | LMH35LUU            | 950                 | 35                                     | -15                    | 52 |                        | 135 |                        |
| 40                                         | LMH40LUU            | 1,450               | 40                                     |                        | 60 |                        | 151 |                        |

|                |    |      |          |                    |
|----------------|----|------|----------|--------------------|
| 密封型 Seal type: |    |      |          |                    |
| LMH20 L M UU   |    |      | No entry | No seals           |
|                | 不标 | 不带密封 | UU       | Seal on both sides |
|                | UU | 双密封  |          |                    |
|                |    |      | M        | Nickle plated      |
|                | M  | 镀镍   | M        | Nickle plated      |



轴径小于或等于13mm  
LMH13 or Less



轴径大于或等于16mm  
LMH16 or More

| 主要尺寸和公差 Major dimensions and tolerance |         |         |         |         |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |         |         |         |         |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| Df<br>mm                               | W<br>mm | t<br>mm | A<br>mm | F<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 26                                     | 16      | 5       | 18      | —       | 3.5     | 6       | 3.1     | 15                        | 15                       | 261                       | 412                   |
| 28                                     | 18      | 5       | 20      | —       | 3.5     | 6       | 3.1     |                           |                          | 323                       | 529                   |
| 32                                     | 21      | 5       | 24      | —       | 3.5     | 6       | 3.1     |                           |                          | 431                       | 784                   |
| 40                                     | 25      | 6       | 29      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 588                       | 1,100                 |
| 42                                     | 27      | 6       | 32      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 43                                     | 29      | 6       | 33      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 48                                     | 34      | 6       | 31      | 22      | 4.5     | 7.5     | 4.1     |                           |                          | 1,230                     | 2,350                 |
| 54                                     | 38      | 8       | 36      | 24      | 5.5     | 9       | 5.1     | 20                        | 20                       | 1,400                     | 2,740                 |
| 62                                     | 46      | 8       | 40      | 32      | 5.5     | 9       | 5.1     |                           |                          | 1,560                     | 3,140                 |
| 74                                     | 51      | 10      | 49      | 35      | 6.6     | 11      | 6.1     |                           |                          | 2,490                     | 5,490                 |
| 82                                     | 60      | 10      | 55      | 38      | 6.6     | 11      | 6.1     | 25                        | 25                       | 2,650                     | 6,270                 |
| 96                                     | 70      | 13      | 64      | 45      | 9       | 14      | 8.1     |                           |                          | 3,430                     | 8,040                 |

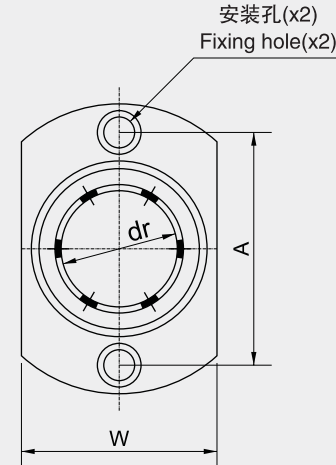
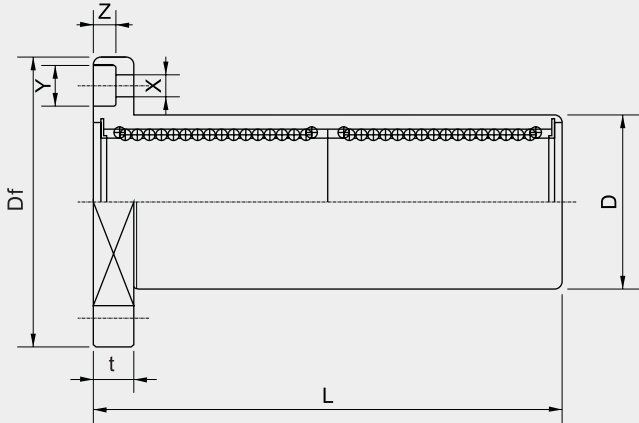
国际单位：1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf

LMH...LGA 锌合金保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

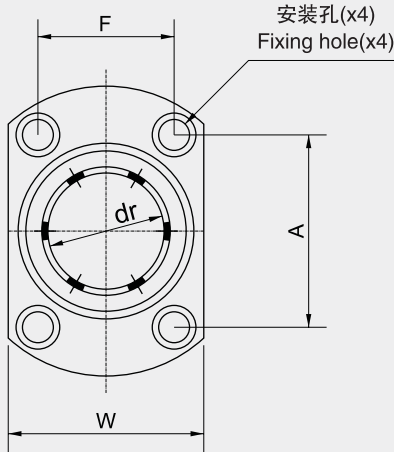
LMH...LGA (Zinc alloy retainer)  
This type is a metric dimension series widely used in Asia and other countries. All models can be done with nickle plated according to customers'requirements, with function of rust-proof.



LMH...LGA



轴径小于或等于13mm  
LMH13 or Less



轴径大于或等于16mm  
LMH16 or More

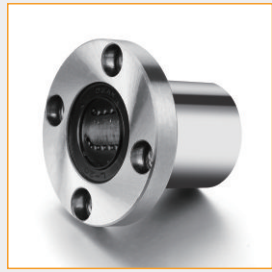
| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长椭圆法兰<br>LMH...LGA | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |     |                        |      |
|--------------------------------------------|---------------------|---------------------|----------------------------------------|------------------------|----|------------------------|-----|------------------------|------|
|                                            |                     |                     | dr                                     |                        | D  |                        | L   |                        |      |
|                                            |                     |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |      |
| 6                                          | LMH6LGA             | 30.6                | 6                                      | 0<br>-10               | 12 | 0                      | 35  | ± 300                  |      |
| 8                                          | LMH8LGA             | 51.6                | 8                                      |                        | 15 | -13                    | 45  |                        |      |
| 10                                         | LMH10LGA            | 95                  | 10                                     |                        | 19 | -16                    | 55  |                        |      |
| 12                                         | LMH12LGA            | 112.4               | 12                                     |                        | 21 |                        | 0   |                        | 57   |
| 13                                         | LMH13LGA            | 137                 | 13                                     |                        | 23 |                        | 61  |                        |      |
| 16                                         | LMH16LGA            | 216                 | 16                                     | 0<br>-12               | 28 | -19                    | 70  | -300                   |      |
| 20                                         | LMH20LGA            | 297                 | 20                                     |                        | 32 |                        | 0   | 80                     |      |
| 25                                         | LMH25LGA            | 649                 | 25                                     |                        | 40 |                        | 112 |                        |      |
| 30                                         | LMH30LGA            | 797                 | 30                                     |                        | 45 | 123                    | 0   |                        |      |
| 35                                         | LMH35LGA            | 1,148               | 35                                     |                        | 0  | 52                     | 0   | 135                    | -400 |
| 40                                         | LMH40LGA            | 1,740               | 40                                     | -15                    | 60 | -22                    | 151 |                        |      |

| 主要尺寸和公差 Major dimensions and tolerance |         |         |         |         |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷                  |                       |
|----------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------------------------|--------------------------|-----------------------|-----------------------|
| 法兰 Flange                              |         |         |         |         |         |         |         |                           |                          | Basic load rating     |                       |
| Df<br>mm                               | W<br>mm | t<br>mm | A<br>mm | F<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          | 动负荷<br>Dynamic<br>C N | 静负荷<br>Static<br>Co N |
| 28                                     | 18      | 5       | 20      | —       | 3.5     | 6       | 3.1     | 15                        | 15                       | 323                   | 529                   |
| 32                                     | 21      | 5       | 24      | —       | 3.5     | 6       | 3.1     |                           |                          | 431                   | 784                   |
| 40                                     | 25      | 6       | 29      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 588                   | 1,100                 |
| 42                                     | 27      | 6       | 32      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 813                   | 1,570                 |
| 43                                     | 29      | 6       | 33      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 813                   | 1,570                 |
| 48                                     | 34      | 6       | 31      | 22      | 4.5     | 7.5     | 4.1     |                           |                          | 1,230                 | 2,350                 |
| 54                                     | 38      | 8       | 36      | 24      | 5.5     | 9       | 5.1     | 20                        | 20                       | 1,400                 | 2,740                 |
| 62                                     | 46      | 8       | 40      | 32      | 5.5     | 9       | 5.1     |                           |                          | 1,560                 | 3,140                 |
| 74                                     | 51      | 10      | 49      | 35      | 6.6     | 11      | 6.1     |                           |                          | 2,490                 | 5,490                 |
| 82                                     | 60      | 10      | 55      | 38      | 6.6     | 11      | 6.1     | 25                        | 25                       | 2,650                 | 6,270                 |
| 96                                     | 70      | 13      | 64      | 45      | 9       | 14      | 8.1     |                           |                          | 3,430                 | 8,040                 |

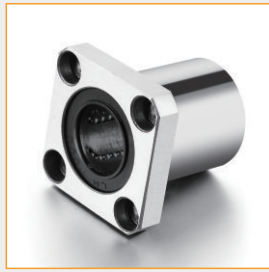
LMH20 L M GA  
M 镀镍  
M Nickle plated

国际单位：1N≈0.102kgf  
SIUNIT：1N≈0.102kgf

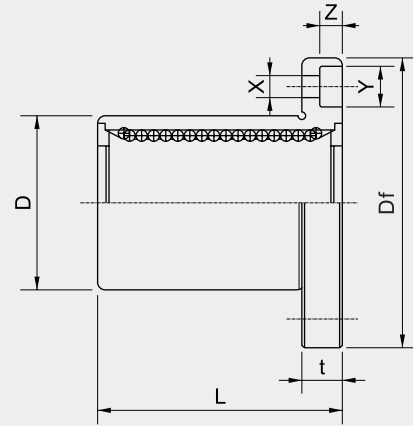
**LMEF(K)···UU (Resin retainer)**  
This type is a metric dimension series generally used in Europe.  
All models can be done with nickle plated according  
to customers' requirements, with function of rust-proof.



**LMEF...UU**



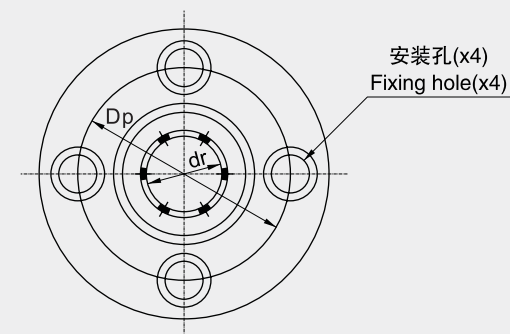
**LMEK...UU**



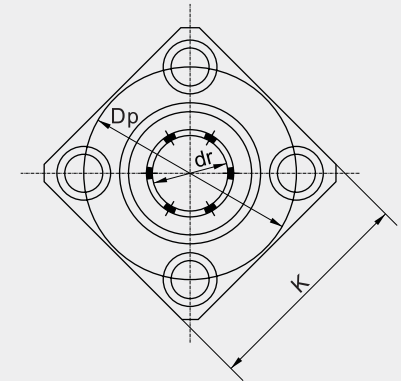
| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 圆法兰<br>LMEF...UU | 重量<br>Weight<br>(g) | 方法兰<br>LMEK...UU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |     |                        |     |                        |
|--------------------------------------------|------------------|---------------------|------------------|---------------------|----------------------------------------|------------------------|-----|------------------------|-----|------------------------|
|                                            |                  |                     |                  |                     | dr                                     |                        | D   |                        | L   |                        |
|                                            |                  |                     |                  |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 5                                          | LMEF5UU          | 26                  | LMEK5UU          | 20                  | 5                                      | +8<br>0                | 12  | 0                      | 22  | ± 300                  |
| 8                                          | LMEF8UU          | 41                  | LMEK8UU          | 33                  | 8                                      |                        | 16  | -8                     | 25  |                        |
| 12                                         | LMEF12UU         | 80                  | LMEK12UU         | 64                  | 12                                     |                        | 22  | 0                      | 32  | 0                      |
| 16                                         | LMEF16UU         | 103                 | LMEK16UU         | 90                  | 16                                     | +9                     | 26  | -9                     | 36  | -200                   |
| 20                                         | LMEF20UU         | 182                 | LMEK20UU         | 147                 | 20                                     | -1                     | 32  | 0<br>-11               | 45  | 0<br>-300              |
| 25                                         | LMEF25UU         | 335                 | LMEK25UU         | 295                 | 25                                     | +11                    | 40  |                        | 58  |                        |
| 30                                         | LMEF30UU         | 560                 | LMEK30UU         | 465                 | 30                                     | -1                     | 47  |                        | 68  |                        |
| 40                                         | LMEF40UU         | 1,175               | LMEK40UU         | 975                 | 40                                     | +13<br>-2              | 62  | 0                      | 80  |                        |
| 50                                         | LMEF50UU         | 1,745               | LMEK50UU         | 1,545               | 50                                     |                        | 75  | -13                    | 100 |                        |
| 60                                         | LMEF60UU         | 3,220               | LMEK60UU         | 2,780               | 60                                     |                        | 90  | 0                      | 125 | 0                      |
| 80                                         | LMEF80UU         | 6,420               | LMEK80UU         | 5,920               | 80                                     | +16<br>-4              | 120 | -15                    | 165 | -400                   |

|                |      |    |      |          |                    |
|----------------|------|----|------|----------|--------------------|
| 密封型 Seal type: |      |    |      |          |                    |
| LMEF20         | M UU | 不标 | 不带密封 | No entry | No seals           |
|                |      | UU | 双密封  | UU       | Seal on both sides |
|                |      | M  | 镀镍   | M        | Nickle plated      |

国际单位:  $1\text{N} \approx 0.102\text{kgf}$   
SIUNIT:  $1\text{N} \approx 0.102\text{kgf}$



LMEF...UU



**LMEK...UU**

| 主要尺寸和公差 Major dimensions and tolerance |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| Df<br>mm                               | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 28                                     | 22      | 5       | 20       | 3.5     | 6       | 3.1     | 12                        | 12                       | 206                       | 265                   |
| 32                                     | 25      | 5       | 24       | 3.5     | 6       | 3.1     |                           |                          | 265                       | 402                   |
| 42                                     | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 46                                     | 35      | 6       | 36       | 4.5     | 7.5     | 4.1     |                           |                          | 578                       | 892                   |
| 54                                     | 42      | 8       | 43       | 5.5     | 9       | 5.1     | 15                        | 15                       | 862                       | 1,370                 |
| 62                                     | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 980                       | 1,570                 |
| 76                                     | 60      | 10      | 62       | 6.6     | 11      | 6.1     |                           |                          | 1,570                     | 2,740                 |
| 98                                     | 75      | 13      | 80       | 9       | 14      | 8.1     | 17                        | 17                       | 2,160                     | 4,020                 |
| 112                                    | 88      | 13      | 94       | 9       | 14      | 8.1     |                           |                          | 3,820                     | 7,940                 |
| 134                                    | 106     | 18      | 112      | 11      | 17      | 11.1    | 20                        | 20                       | 4,700                     | 9,800                 |
| 164                                    | 136     | 18      | 142      | 11      | 17      | 11.1    | 25                        |                          | 7,350                     | 16,000                |

LMEF(K)···GA 锌合金保持架  
该类型尺寸是公制的，广泛应用于欧洲。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

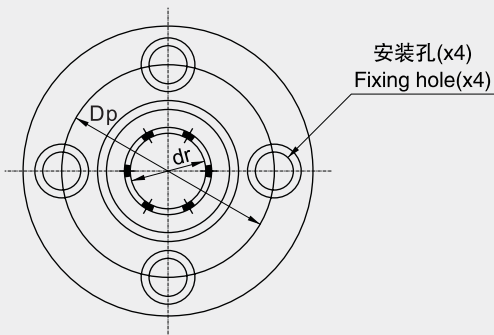
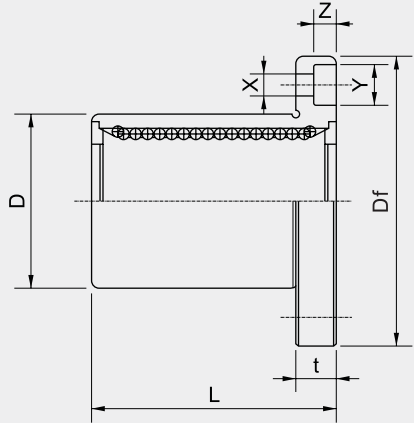
LMEF(K)···GA (Zinc alloy retainer)  
This type is a metric dimension series generally used in Europe.  
All models can be done with nickle plated according to customers'requirements, with function of rust-proof.



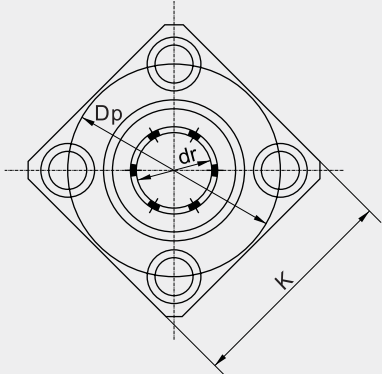
LMEF···GA



LMEK···GA



LMEF···GA



LMEK···GA

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 圆法兰<br>LMEF···GA | 重量<br>Weight<br>(g) | 方法兰<br>LMEK···UU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                              |    |                             |    |                        |
|--------------------------------------------|------------------|---------------------|------------------|---------------------|----------------------------------------|------------------------------|----|-----------------------------|----|------------------------|
|                                            |                  |                     |                  |                     | dr                                     |                              | D  |                             | L  |                        |
|                                            |                  |                     |                  |                     | mm                                     | 公差<br>Tolerance<br>μ m       | mm | 公差<br>Tolerance<br>μ m      | mm | 公差<br>Tolerance<br>μ m |
| 8                                          | LMEF8GA          | 46.2                | LMEK8GA          | 38.2                | 8                                      | +8                           | 16 | <sup>0</sup> <sub>-8</sub>  | 25 | ± 300                  |
| 12                                         | LMEF12GA         | 91.9                | LMEK12GA         | 75.9                | 12                                     | 0                            | 22 | 0                           | 32 | 0                      |
| 16                                         | LMEF16GA         | 119.5               | LMEK16GA         | 106.5               | 16                                     | +9                           | 26 | -9                          | 36 | -200                   |
| 20                                         | LMEF20GA         | 211.3               | LMEK20GA         | 176.3               | 20                                     | -1                           | 32 | 0                           | 45 | 0<br>-300              |
| 25                                         | LMEF25GA         | 393.9               | LMEK25GA         | 351.9               | 25                                     | +11                          | 40 | -11                         | 58 |                        |
| 30                                         | LMEF30GA         | 652.3               | LMEK30GA         | 557.3               | 30                                     | -1                           | 47 |                             | 68 |                        |
| 40                                         | LMEF40GA         | 1,364               | LMEK40GA         | 1,164               | 40                                     | <sup>+13</sup> <sub>-2</sub> | 62 | <sup>0</sup> <sub>-13</sub> | 80 |                        |

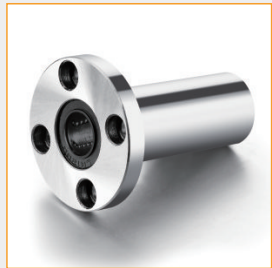
LMEF20 M GA      M      镀镍      M      Nickle plated

| 主要尺寸和公差 Major dimensions and tolerance |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| Df<br>mm                               | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 32                                     | 25      | 5       | 24       | 3.5     | 6       | 3.1     | 12                        | 12                       | 265                       | 402                   |
| 42                                     | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 46                                     | 35      | 6       | 36       | 4.5     | 7.5     | 4.1     |                           |                          | 578                       | 892                   |
| 54                                     | 42      | 8       | 43       | 5.5     | 9       | 5.1     | 15                        | 15                       | 862                       | 1,370                 |
| 62                                     | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 980                       | 1,570                 |
| 76                                     | 60      | 10      | 62       | 6.6     | 11      | 6.1     |                           |                          | 1,570                     | 2,740                 |
| 98                                     | 75      | 13      | 80       | 9       | 14      | 8.1     | 17                        | 17                       | 2,160                     | 4,020                 |

国际单位：1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf

LMEF(K)···LUU 尼龙保持架  
该类型尺寸是公制的，广泛应用于欧洲。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

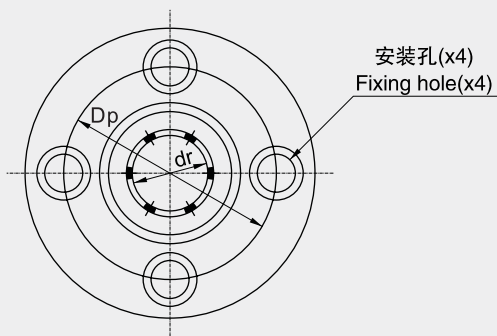
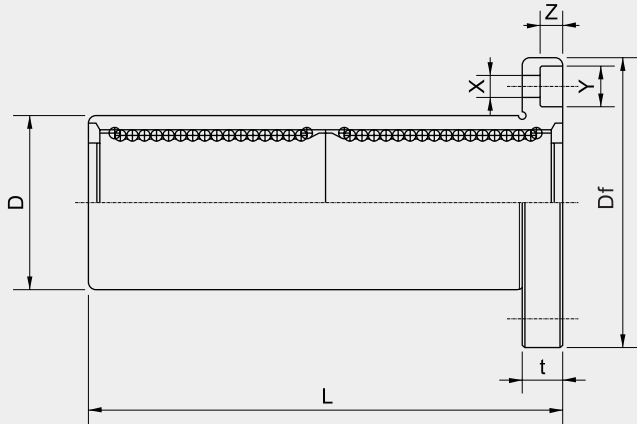
LMEF(K)···LUU (Resin retainer)  
This type is a metric dimension series generally used in Europe.  
All models can be done with nickle plated according to customers'requirements, with function of rust-proof.



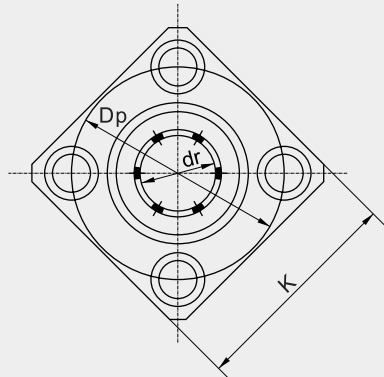
LMEF···LUU



LMEK···LUU



LMEF···LUU



LMEK···LUU

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长圆法兰<br>LMEF···LUU | 重量<br>Weight<br>(g) | 加长方法兰<br>LMEK···LUU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |     |                        |     |                        |
|--------------------------------------------|---------------------|---------------------|---------------------|---------------------|----------------------------------------|------------------------|-----|------------------------|-----|------------------------|
|                                            |                     |                     |                     |                     | dr                                     |                        | D   |                        | L   |                        |
|                                            |                     |                     |                     |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 8                                          | LMEF8LUU            | 59                  | LMEK8LUU            | 51                  | 8                                      | +9                     | 16  | 0<br>-9                | 46  | ± 300                  |
| 12                                         | LMEF12LUU           | 110                 | LMEK12LUU           | 90                  | 12                                     | -1                     | 22  | 0                      | 61  | 0                      |
| 16                                         | LMEF16LUU           | 160                 | LMEK16LUU           | 135                 | 16                                     | +11                    | 26  | -11                    | 68  | -300                   |
| 20                                         | LMEF20LUU           | 260                 | LMEK20LUU           | 225                 | 20                                     | -1                     | 32  | 0                      | 80  | 0                      |
| 25                                         | LMEF25LUU           | 540                 | LMEK25LUU           | 500                 | 25                                     | +13                    | 40  | -13                    | 112 | 0                      |
| 30                                         | LMEF30LUU           | 815                 | LMEK30LUU           | 720                 | 30                                     | -2                     | 47  | 0                      | 123 | -400                   |
| 40                                         | LMEF40LUU           | 1,805               | LMEK40LUU           | 1,600               | 40                                     | +16                    | 62  | 0                      | 151 | 0                      |
| 50                                         | LMEF50LUU           | 2,820               | LMEK50LUU           | 2,620               | 50                                     | -4                     | 75  | -15                    | 192 | -400                   |
| 60                                         | LMEF60LUU           | 4,920               | LMEK60LUU           | 4,480               | 60                                     |                        | 90  | 0                      | 209 |                        |
| 80                                         | LMEF80LUU           | 9,090               | LMEK80LUU           | 8,590               | 80                                     | +19<br>-6              | 120 | -20                    | 265 |                        |

| 主要尺寸和公差 Major dimensions and tolerance |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| Df<br>mm                               | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 32                                     | 25      | 5       | 24       | 3.5     | 6       | 3.1     | 15                        | 15                       | 421                       | 804                   |
| 42                                     | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 46                                     | 35      | 6       | 36       | 4.5     | 7.5     | 4.1     |                           |                          | 912                       | 1,780                 |
| 54                                     | 42      | 8       | 43       | 5.5     | 9       | 5.1     | 17                        | 17                       | 1,370                     | 2,740                 |
| 62                                     | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 1,570                     | 3,140                 |
| 76                                     | 60      | 10      | 62       | 6.6     | 11      | 6.1     |                           |                          | 2,500                     | 5,490                 |
| 98                                     | 75      | 13      | 80       | 9       | 14      | 8.1     | 20                        | 20                       | 3,430                     | 8,040                 |
| 112                                    | 88      | 13      | 94       | 9       | 14      | 8.1     |                           |                          | 6,080                     | 15,900                |
| 134                                    | 106     | 18      | 112      | 11      | 17      | 11.1    |                           |                          | 7,550                     | 20,000                |
| 164                                    | 136     | 18      | 142      | 11      | 17      | 11.1    | 30                        | 30                       | 11,500                    | 32,000                |

|                |    |      |          |                    |
|----------------|----|------|----------|--------------------|
| 密封型 Seal type: |    |      |          |                    |
| LMEF20 L M UU  | 不标 | 不带密封 | No entry | No seals           |
|                | UU | 双密封  | UU       | Seal on both sides |
|                | M  | 镀镍   | M        | Nickle plated      |

国际单位：1N≈0.102kgf  
SIUNIT：1N≈0.102kgf

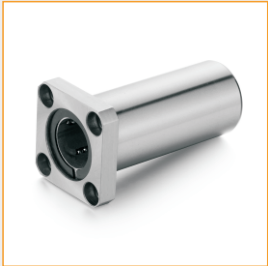


LMEF(K)···LGA 锌合金保持架  
该类型尺寸是公制的，广泛应用于欧洲。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

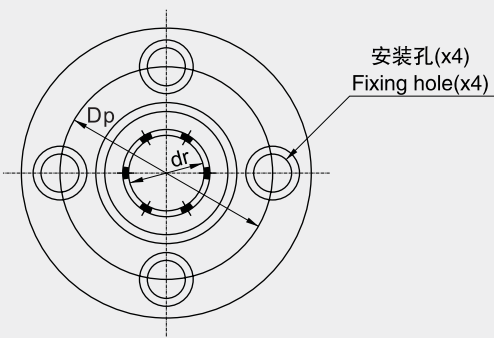
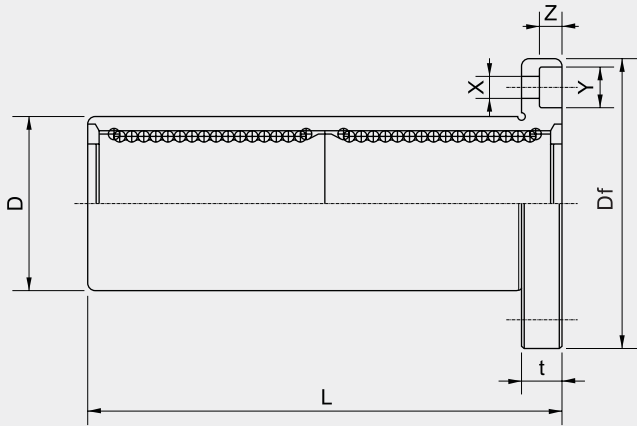
LMEF(K)···LGA (Zinc alloy retainer)  
This type is a metric dimension series generally used in Europe.  
All models can be done with nickle plated according to customers'requirements, with function of rust-proof.



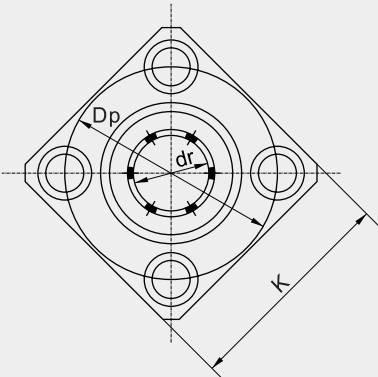
LMEF···LGA



LMEK···LGA



LMEF···LGA



LMEK···LGA

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长圆法兰<br>LMEF···LGA | 重量<br>Weight<br>(g) | 加长方法兰<br>LMEK···LGA | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |     |                        |
|--------------------------------------------|---------------------|---------------------|---------------------|---------------------|----------------------------------------|------------------------|----|------------------------|-----|------------------------|
|                                            |                     |                     |                     |                     | dr                                     |                        | D  |                        | L   |                        |
|                                            |                     |                     |                     |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 8                                          | LMEF8LGA            | 69.4                | LMEK8LGA            | 61.4                | 8                                      | +9                     | 16 | 0<br>-9                | 46  | ± 300                  |
| 12                                         | LMEF12LGA           | 133.8               | LMEK12LGA           | 113.8               | 12                                     | -1                     | 22 | 0                      | 61  | 0                      |
| 16                                         | LMEF16LGA           | 193                 | LMEK16LGA           | 168                 | 16                                     | +11                    | 26 | -11                    | 68  | -300                   |
| 20                                         | LMEF20LGA           | 318.6               | LMEK20LGA           | 283.6               | 20                                     | -1                     | 32 | 0                      | 80  | 0                      |
| 25                                         | LMEF25LGA           | 653.8               | LMEK25LGA           | 613.8               | 25                                     | +13                    | 40 | -13                    | 112 | 0                      |
| 30                                         | LMEF30LGA           | 999.6               | LMEK30LGA           | 904.6               | 30                                     | -2                     | 47 | 0                      | 123 | -400                   |
| 40                                         | LMEF40LGA           | 2183.2              | LMEK40LGA           | 1978.2              | 40                                     | +16<br>-4              | 62 | 0<br>-15               | 151 | 0                      |

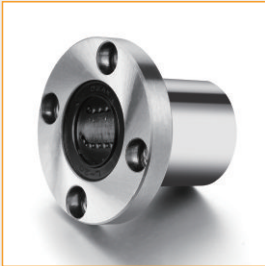
LMEF20 L M GA      M      镀镍      M      Nickle plated

| 主要尺寸和公差 Major dimensions and tolerance |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| Df<br>mm                               | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 32                                     | 25      | 5       | 24       | 3.5     | 6       | 3.1     | 15                        | 15                       | 421                       | 804                   |
| 42                                     | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 46                                     | 35      | 6       | 36       | 4.5     | 7.5     | 4.1     |                           |                          | 912                       | 1,780                 |
| 54                                     | 42      | 8       | 43       | 5.5     | 9       | 5.1     | 17                        | 17                       | 1,370                     | 2,740                 |
| 62                                     | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 1,570                     | 3,140                 |
| 76                                     | 60      | 10      | 62       | 6.6     | 11      | 6.1     |                           |                          | 2,500                     | 5,490                 |
| 98                                     | 75      | 13      | 80       | 9       | 14      | 8.1     | 20                        | 20                       | 3,430                     | 8,040                 |

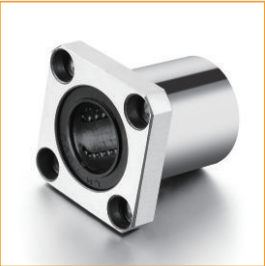
国际单位：1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf

LMBF(K)···UU 尼龙保持架  
该类型轴承采用英制尺寸，主要是美洲采用。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

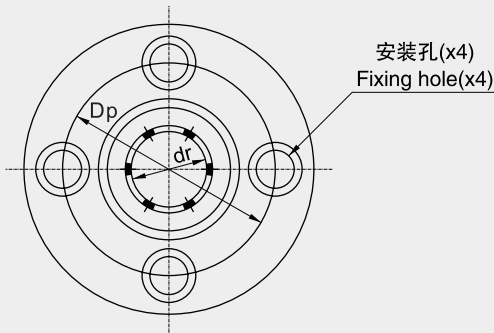
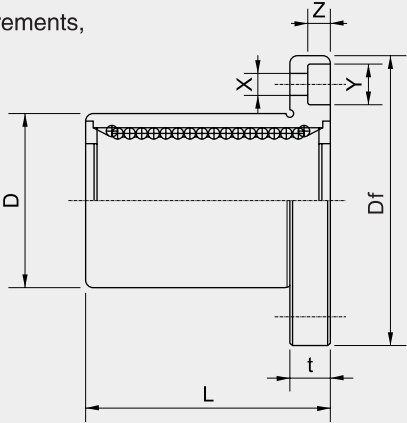
LMBF(K)···UU (Resin retainer)  
This type is a metric dimension series mainly used in the America.  
All models can be done with nickle plated according to customers'requirements,  
with function of rust-proof.



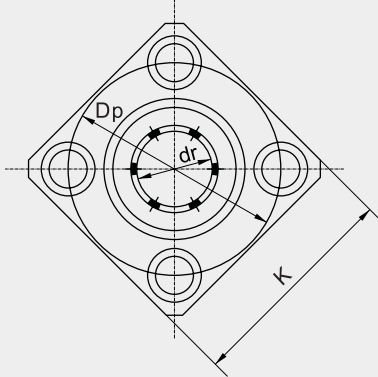
LMBF···UU



LMBK···UU



LMBF···UU



LMBK···UU

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>inch/mm | 圆（方）法兰<br>LMBF(K)···UU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                              |                   |                                                                                              |                   |                              |
|-------------------------------------------------|------------------------|---------------------|----------------------------------------|------------------------------|-------------------|----------------------------------------------------------------------------------------------|-------------------|------------------------------|
|                                                 |                        |                     | dr                                     |                              | D                 |                                                                                              | L                 |                              |
|                                                 |                        |                     | Inch/mm                                | 公差<br>Tolerance<br>Inch/ μ m | Inch/mm           | 公差<br>Tolerance<br>Inch/ μ m                                                                 | Inch/mm           | 公差<br>Tolerance<br>Inch/ μ m |
| 1/4<br>6.350                                    | LMBF4UU<br>LMBK4UU     | 32<br>25            | .2500<br>6.350                         | 0<br>- .00040                | .5000<br>12.700   | <sup>0</sup> <sub>-.00045</sub><br><sup>0</sup> <sub>-.11</sub>                              | .7500<br>19.050   | ± .012<br>± 300              |
| 3/8<br>9.525                                    | LMBF6UU<br>LMBK6UU     | 47<br>32            | .3750<br>9.525                         |                              | .6250<br>15.875   | 0<br>- .00050                                                                                | .8750<br>22.225   |                              |
| 1 2/<br>12.700                                  | LMBF8UU<br>LMBK8UU     | 88<br>68            | .5000<br>12,700                        |                              | .8750<br>22.225   | 0<br>-13                                                                                     | 1.2500<br>31.750  |                              |
| 5/8<br>15.875                                   | LMBF10UU<br>LMBK10UU   | 140<br>124          | .6250<br>15.875                        | 0<br>- .00040                | 1.1250<br>28.575  | 0<br>-16                                                                                     | 1.500<br>38.100   | - .008<br>0<br>-200          |
| 3/4<br>19.050                                   | LMBF12UU<br>LMBK12UU   | 190<br>150          | .7500<br>19.050                        |                              | 1.2500<br>31.750  | 0<br>- .00065                                                                                | 1.6250<br>41.275  |                              |
| 1<br>25.400                                     | LMBF16UU<br>LMBK16UU   | 325<br>280          | 1.0000<br>25.400                       |                              | 1.5625<br>39.688  | 0<br>-19                                                                                     | 2.2500<br>57.150  |                              |
| 1-1/4<br>31.750                                 | LMBF20UU<br>LMBK20UU   | 665<br>580          | 1.2500<br>31.750                       | 0<br>- .00050                | 2.0000<br>50.800  | 0<br>- .00075                                                                                | 2.6250<br>66.675  | 0<br>- .012<br>0<br>-300     |
| 1-1/2<br>38.100                                 | LMBF24UU<br>LMBK24UU   | 1,100<br>930        | 1.5000<br>38.100                       |                              | 2.3750<br>60.325  | 0<br>-22                                                                                     | 3.0000<br>76.200  |                              |
| 2<br>50.800                                     | LMBF32UU<br>LMBK32UU   | 1,760<br>1,580      | 2.0000<br>50.800                       |                              | 3.0000<br>76.200  | 0<br>- .00090                                                                                | 4.0000<br>101.600 |                              |
| 2-1/2<br>63.500                                 | LMBF40UU<br>LMBK40UU   | 3,570<br>3,200      | 2.5000<br>63.500                       | 0<br>- .00060                | 3.7500<br>95.250  | 0<br>-25                                                                                     | 5.0000<br>127.000 | 0<br>- .016<br>0<br>-400     |
| 3<br>76.200                                     | LMBF48UU<br>LMBK48UU   | 5,600<br>5,000      | 3.0000<br>76.200                       |                              | 4.5000<br>114.300 | <sup>0</sup> <sub>-.00080</sub><br><sup>0</sup> <sub>0</sub><br><sup>0</sup> <sub>-.20</sub> | 6.0000<br>152.400 |                              |
| 4<br>101.600                                    | LMBF64UU<br>LMBK64UU   | 12,000<br>11,300    | 4.0000<br>101.600                      |                              | 6.0000<br>152.400 | <sup>0</sup> <sub>-.00100</sub><br><sup>0</sup> <sub>0</sub><br><sup>0</sup> <sub>-.25</sub> | 8.0000<br>203.200 |                              |

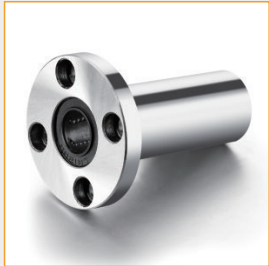
|                |    |      |                    |
|----------------|----|------|--------------------|
| 密封型 Seal type: |    |      |                    |
| LMBF20 M UU    | 不标 | 不带密封 | No entry           |
|                | UU | 双密封  | Seal on both sides |
|                | M  | 镀镍   | Nickle plated      |

| 主要尺寸和公差 Major dimensions and tolerance |                   |                 |                   |                 |                 |                 | 偏心<br>Eccentricity<br>Inch/ μ m | 垂直度<br>Squareness<br>Inch/ μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|-------------------|-----------------|-------------------|-----------------|-----------------|-----------------|---------------------------------|--------------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |                   |                 |                   |                 |                 |                 |                                 |                                | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| Df<br>Inch/mm                          | K<br>Inch/mm      | t<br>Inch/mm    | Dp<br>Inch/mm     | X<br>Inch/mm    | Y<br>Inch/mm    | Z<br>Inch/mm    |                                 |                                |                           |                       |
| 1.2500<br>31.750                       | 1.0000<br>25.400  | 0.219<br>5.556  | .8750<br>22.225   | .1560<br>3.969  | .2500<br>6.350  | .1410<br>3.572  | .0005<br>12                     | .0005<br>12                    | 206                       | 265                   |
| 1.5000<br>38.100                       | 1.2500<br>31.750  | .2500<br>6.350  | 1.0620<br>26.988  | .1875<br>4.763  | .2970<br>7.541  | .1720<br>4.366  |                                 |                                | 225                       | 314                   |
| 1.7500<br>44.450                       | 1.3750<br>34.925  | .2500<br>6.350  | 1.312<br>33.338   | .1875<br>4.763  | .2970<br>7.541  | .1720<br>4.366  |                                 |                                | 510                       | 784                   |
| 2.0000<br>50.800                       | 1.5000<br>38.100  | .2500<br>6.350  | 1.5620<br>39.688  | .1875<br>4.763  | .2970<br>7.541  | .1720<br>4.366  |                                 |                                | 774                       | 1,180                 |
| 2.1875<br>55.563                       | 1.6875<br>42.863  | .3125<br>7.938  | 1.7180<br>43.660  | .2187<br>5.556  | .3440<br>8.731  | .2030<br>5.159  |                                 |                                | .0006<br>15               | .0006<br>15           |
| 2.5000<br>63.500                       | 2.0000<br>50.800  | .3125<br>7.938  | 2.0310<br>51.594  | .2187<br>5.556  | .3440<br>8.731  | .2030<br>5.159  | 980                             | 1,570                          |                           |                       |
| 3.1250<br>79.375                       | 2.5000<br>63.500  | .3750<br>9.525  | 2.5625<br>65.088  | .2812<br>7.144  | .4060<br>10.319 | .2656<br>6.747  | .0008<br>20                     | .0008<br>20                    |                           |                       |
| 3.7500<br>95.250                       | 3.0000<br>76.200  | .5000<br>12.700 | 3.0625<br>77.788  | .3440<br>8.731  | .5000<br>12.700 | .3280<br>8.334  |                                 |                                | 2,180                     | 4,020                 |
| 4.3750<br>111.125                      | 3.5000<br>88.900  | .5000<br>12.700 | 3.6875<br>93.662  | .3440<br>8.731  | .5000<br>12.700 | .3280<br>8.334  |                                 |                                | 3,820                     | 7,940                 |
| 5.3750<br>136.525                      | 4.375<br>111.125  | .7500<br>19.050 | 4.5625<br>115.887 | .4062<br>10.319 | .6250<br>15.875 | .3750<br>9.525  | .0010<br>25                     | .0010<br>25                    | 4,700                     | 10,000                |
| 6.1250<br>155.575                      | 5.0000<br>127.000 | .7500<br>19.050 | 5.3125<br>134.937 | .4062<br>10.319 | .6250<br>15.875 | .3750<br>9.525  |                                 |                                | 7,350                     | 16,000                |
| 8.0000<br>203.200                      | 6.7500<br>171.450 | .8750<br>22.225 | 7.0000<br>177.800 | .5000<br>12.700 | .7125<br>18.097 | .5000<br>12.700 |                                 |                                | .0012<br>30               | .0012<br>30           |

国际单位：1N≈0.225lbs  
1kg≈2.205lbs  
SIUNIT：1N≈0.225lbs  
1kg≈2.205lbs

LMBF(K)···LUU 尼龙保持架  
该类型轴承采用英制尺寸，主要是美洲采用。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

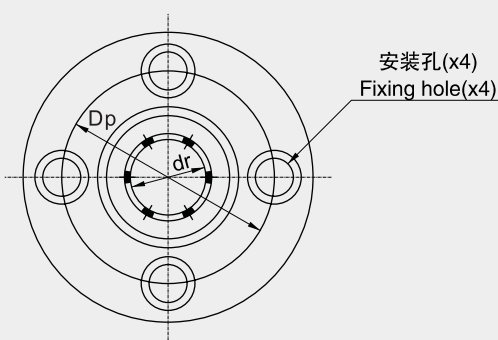
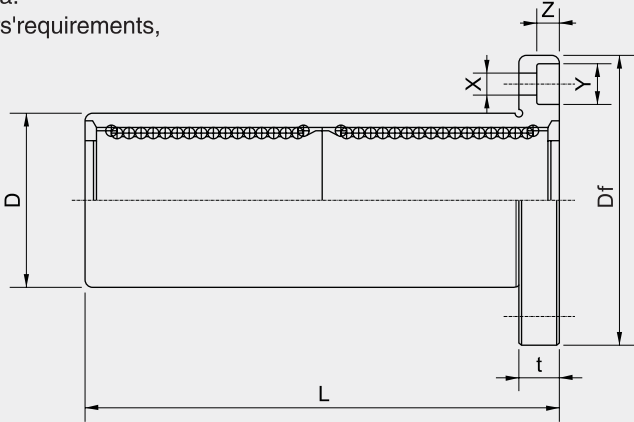
LMBF(K)···LUU (Resin retainer)  
This type is a metric dimension series mainly used in the America.  
All models can be done with nickle plated according to customers' requirements,  
with function of rust-proof.



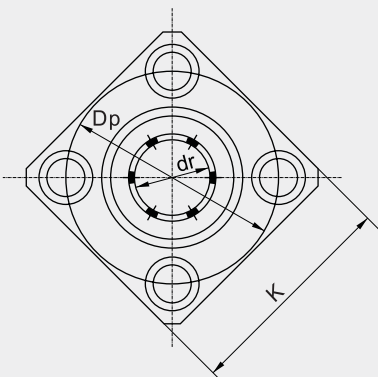
LMBF···LUU



LMBK···LUU



LMBF···LUU



LMBK···LUU

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>inch/mm | 加长圆（方）法兰<br>LMBF(K)···LUU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                              |                  |                              |                   |                              |
|-------------------------------------------------|---------------------------|---------------------|----------------------------------------|------------------------------|------------------|------------------------------|-------------------|------------------------------|
|                                                 |                           |                     | dr                                     |                              | D                |                              | L                 |                              |
|                                                 |                           |                     | Inch/mm                                | 公差<br>Tolerance<br>Inch/ μ m | Inch/mm          | 公差<br>Tolerance<br>Inch/ μ m | Inch/mm           | 公差<br>Tolerance<br>Inch/ μ m |
| 1/4<br>6.350                                    | LMBF4LUU<br>LMBK4LUU      | 40<br>33            | .2500<br>6.350                         | 0<br>- .00040<br>0<br>-10    | .5000<br>12.700  | 0<br>- .00050<br>0<br>-13    | 1.3750<br>34.925  | ± .012<br>± 300              |
| 3/8<br>9.525                                    | LMBF6LUU<br>LMBK6LUU      | 60<br>45            | .3750<br>9.525                         |                              | .6250<br>15.875  | 0                            | 1.5938<br>40.481  |                              |
| 1/2<br>12.700                                   | LMBF8LUU<br>LMBK8LUU      | 126<br>106          | .5000<br>12.700                        |                              | .8750<br>22.225  | - .00065<br>0                | 2.3750<br>60.325  |                              |
| 5/8<br>15.875                                   | LMBF10LUU<br>LMBK10LUU    | 215<br>200          | .6250<br>15.875                        |                              | 1.1250<br>28.575 | -16                          | 2.8125<br>71.438  |                              |
| 3/4<br>19.050                                   | LMBF12LUU<br>LMBK12LUU    | 280<br>240          | .7500<br>19.050                        | 0<br>- .00050<br>0<br>-12    | 1.2500<br>31.750 | 0<br>- .00075                | 3.0937<br>78.581  | - .012<br>0<br>-300          |
| 1<br>25.400                                     | LMBF16LUU<br>LMBK16LUU    | 515<br>470          | 1.0000<br>25.400                       |                              | 1.5625<br>39.688 | 0<br>-19                     | 4.2831<br>108.744 |                              |
| 1-1/4<br>31.750                                 | LMBF20LUU<br>LMBK20LUU    | 1,020<br>935        | 1.2500<br>31.750                       |                              | 2.0000<br>50.800 | 0<br>- .00090                | 5.0000<br>127.000 |                              |
| 1-1/2<br>38.100                                 | LMBF24LUU<br>LMBK24LUU    | 1,630<br>1,460      | 1.5000<br>38.100                       |                              | 2.3750<br>60.325 | 0<br>-22                     | 5.6875<br>144.463 |                              |
| 2<br>50.800                                     | LMBF32LUU<br>LMBK32LUU    | 2,800<br>2,620      | 2.0000<br>50.800                       | -16                          | 3.0000<br>76.200 | 0<br>- .00100<br>0<br>-25    | 7.7500<br>196.850 | - .016<br>0<br>-400          |

| 主要尺寸和公差 Major dimensions and tolerance |                  |                 |                  |                |                 |                | 偏 心<br>Eccentricity<br>Inch/ μ m | 垂 直 度<br>Squareness<br>Inch/ μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|------------------|-----------------|------------------|----------------|-----------------|----------------|----------------------------------|----------------------------------|---------------------------|-----------------------|
| 法 兰 Flange                             |                  |                 |                  |                |                 |                |                                  |                                  | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| Df<br>Inch/mm                          | K<br>Inch/mm     | t<br>Inch/mm    | Dp<br>Inch/mm    | X<br>Inch/mm   | Y<br>Inch/mm    | Z<br>Inch/mm   |                                  |                                  |                           |                       |
| 1.2500<br>31.750                       | 1.0000<br>25.400 | 0.2188<br>5.556 | .8750<br>22.225  | .1563<br>3.969 | .2500<br>6.350  | .1406<br>3.572 | .0006<br>15                      | .0006<br>15                      | 323                       | 530                   |
| 1.5000<br>38.100                       | 1.2500<br>31.750 | .2500<br>6.350  | 1.0625<br>26.988 | .1875<br>4.763 | .2969<br>7.541  | .1719<br>4.366 |                                  |                                  | 353                       | 630                   |
| 1.7500<br>44.450                       | 1.3750<br>34.925 | .2500<br>6.350  | 1.3125<br>33.338 | .1875<br>4.763 | .2969<br>7.541  | .1719<br>4.366 |                                  |                                  | 813                       | 1,570                 |
| 2.0000<br>50.800                       | 1.5000<br>38.100 | .2500<br>6.350  | 1.5625<br>39.688 | .1875<br>4.763 | .2969<br>7.541  | .1719<br>4.366 |                                  |                                  | 1,230                     | 2,350                 |
| 2.1875<br>55.563                       | 1.6875<br>42.863 | .3125<br>7.938  | 1.7188<br>43.656 | .2188<br>5.556 | .3438<br>8.731  | .2031<br>5.159 | .0008<br>20                      | .0008<br>20                      | 1,370                     | 2,740                 |
| 2.5000<br>63.500                       | 2.0000<br>50.800 | .3125<br>7.938  | 2.0313<br>51.594 | .2188<br>5.556 | .3438<br>8.731  | .2031<br>5.159 |                                  |                                  | 1,570                     | 3,140                 |
| 3.1250<br>79.375                       | 2.5000<br>63.500 | .3750<br>9.525  | 2.5625<br>65.088 | .2813<br>7.144 | .4063<br>10.319 | .2656<br>6.747 | .0010<br>25                      | .0010<br>25                      | 2,500                     | 5,490                 |
| 3.7500<br>95.250                       | 3.0000<br>76.200 | .5000<br>12.700 | 3.0625<br>77.788 | .3437<br>8.731 | .5000<br>12.700 | .3281<br>8.334 |                                  |                                  | 3,430                     | 8,040                 |
| 4.3750<br>111.125                      | 3.5000<br>88.900 | .5000<br>12.700 | 3.6875<br>93.662 | .3437<br>8.731 | .5000<br>12.700 | .3281<br>8.334 | .0012<br>30                      | .0012<br>30                      | 6,080                     | 15,900                |

|                |      |    |     |               |    |   |               |
|----------------|------|----|-----|---------------|----|---|---------------|
| 密封型 Seal type: |      |    |     | LMBF20 L M UU |    |   |               |
| 不标             | 不带密封 | UU | 双密封 | M             | 镀镍 | M | Nickle plated |
|                |      |    |     |               |    |   |               |

国际单位: 1N≈0.225lbs  
1kg≈2.205lbs  
SIUNIT: 1N≈0.225lbs  
1kg≈2.205lbs

LMF(K)P...UU 尼龙保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

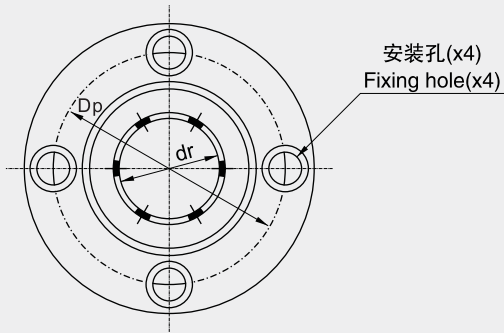
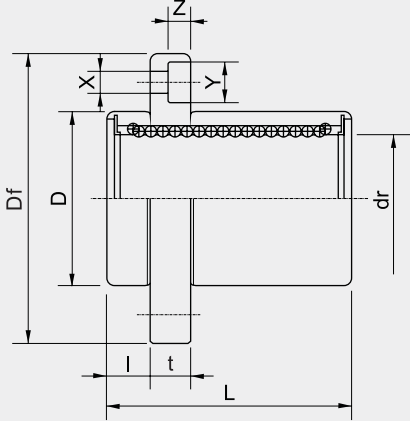
LMF(K)P...UU (Resin retainer)  
This type is a metric dimension series widely used in Asia and other countries. All models can be done with nickle plated according to customers'requirements, with function of rust-proof.



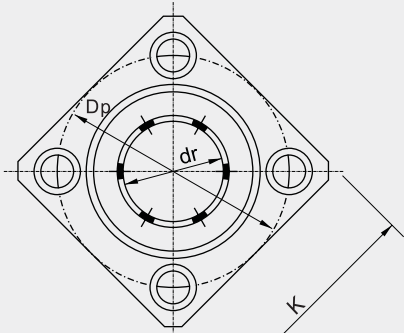
LMFP...UU



LMKP...UU



LMFP...UU



LMKP...UU

| 公称轴径<br>Nominal shaft diameter<br>mm | 导向圆法兰<br>LMFP...UU | 重量<br>Weight (g) | 导向方法兰<br>LMKP...UU | 重量<br>Weight (g) | 主要尺寸和公差 Major dimensions and tolerance |                  |     |                  |     |                  |
|--------------------------------------|--------------------|------------------|--------------------|------------------|----------------------------------------|------------------|-----|------------------|-----|------------------|
|                                      |                    |                  |                    |                  | dr                                     |                  | D   |                  | L   |                  |
|                                      |                    |                  |                    |                  | mm                                     | 公差 Tolerance μ m | mm  | 公差 Tolerance μ m | mm  | 公差 Tolerance μ m |
| 6                                    | LMFP6UU            | 24               | LMKP6UU            | 18               | 6                                      |                  | 12  | 0                | 19  | ± 300            |
| 8                                    | LMFP8UU            | 37               | LMKP8UU            | 29               | 8                                      |                  | 15  | -13              | 24  |                  |
| 10                                   | LMFP10UU           | 72               | LMKP10UU           | 52               | 10                                     | 0                | 19  |                  | 29  |                  |
| 12                                   | LMFP12UU           | 76               | LMKP12UU           | 57               | 12                                     | -9               | 21  | 0                | 30  | 0                |
| 13                                   | LMFP13UU           | 88               | LMKP13UU           | 72               | 13                                     |                  | 23  | -16              | 32  |                  |
| 16                                   | LMFP16UU           | 120              | LMKP16UU           | 104              | 16                                     |                  | 28  |                  | 37  |                  |
| 20                                   | LMFP20UU           | 180              | LMKP20UU           | 145              | 20                                     | 0                | 32  | 0                | 42  | -200             |
| 25                                   | LMFP25UU           | 340              | LMKP25UU           | 300              | 25                                     | -10              | 40  | -19              | 59  |                  |
| 30                                   | LMFP30UU           | 470              | LMKP30UU           | 375              | 30                                     |                  | 45  |                  | 64  |                  |
| 35                                   | LMFP35UU           | 650              | LMKP35UU           | 560              | 35                                     | 0                | 52  | 0                | 70  | 0                |
| 40                                   | LMFP40UU           | 1,060            | LMKP40UU           | 880              | 40                                     | -12              | 60  | -22              | 80  | -300             |
| 50                                   | LMFP50UU           | 2,200            | LMKP50UU           | 2,000            | 50                                     |                  | 80  |                  | 100 |                  |
| 60                                   | LMFP60UU           | 3,000            | LMKP60UU           | 2,560            | 60                                     | 0                | 90  | 0                | 110 |                  |
| 80                                   | LMFP80UU           | 5,800            | LMKP80UU           | 5,300            | 80                                     | -15              | 120 | -25              | 140 | 0<br>-400        |

| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| l<br>mm                                | Df<br>mm | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 5                                      | 28       | 22      | 5       | 20       | 3.5     | 6       | 3.1     | 12                        | 12                       | 206                       | 265                   |
| 5                                      | 32       | 25      | 5       | 24       | 3.5     | 6       | 3.1     |                           |                          | 274                       | 392                   |
| 6                                      | 40       | 30      | 6       | 29       | 4.5     | 7.5     | 4.1     |                           |                          | 372                       | 549                   |
| 6                                      | 42       | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 6                                      | 43       | 34      | 6       | 33       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 6                                      | 48       | 37      | 6       | 38       | 4.5     | 7.5     | 4.1     |                           |                          | 774                       | 1,180                 |
| 8                                      | 54       | 42      | 8       | 43       | 5.5     | 9       | 5.1     | 15                        | 15                       | 882                       | 1,370                 |
| 8                                      | 62       | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 980                       | 1,570                 |
| 10                                     | 74       | 58      | 10      | 60       | 6.6     | 11      | 6.1     |                           |                          | 1,570                     | 2,740                 |
| 10                                     | 82       | 64      | 10      | 67       | 6.6     | 11      | 6.1     |                           |                          | 1,670                     | 3,140                 |
| 13                                     | 96       | 75      | 13      | 78       | 9       | 14      | 8.1     | 20                        | 20                       | 2,160                     | 4,020                 |
| 13                                     | 116      | 92      | 13      | 98       | 9       | 14      | 8.1     |                           |                          | 3,820                     | 7,940                 |
| 18                                     | 134      | 106     | 18      | 112      | 11      | 17      | 11.1    | 25                        | 25                       | 4,700                     | 10,000                |
| 18                                     | 164      | 136     | 18      | 142      | 11      | 17      | 11.1    |                           |                          | 7,350                     | 16,000                |

|                |  |      |  |               |  |                    |  |
|----------------|--|------|--|---------------|--|--------------------|--|
| 密封型 Seal type: |  |      |  | LMF(K)P20M UU |  |                    |  |
| 不标             |  | 不带密封 |  | No entry      |  | No seals           |  |
| UU             |  | 双密封  |  | UU            |  | Seal on both sides |  |
| M              |  | 镀镍   |  | M             |  | Nickle plated      |  |

国际单位：1N≈0.102kgf  
SIUNIT：1N≈0.102kgf

LMF(K)P...GA 锌合金保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

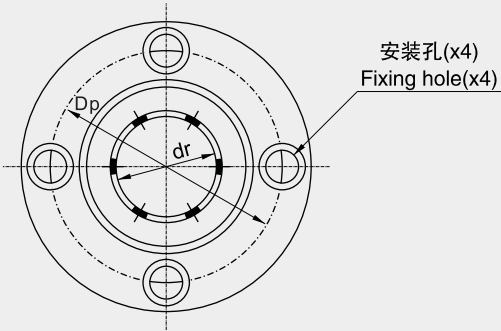
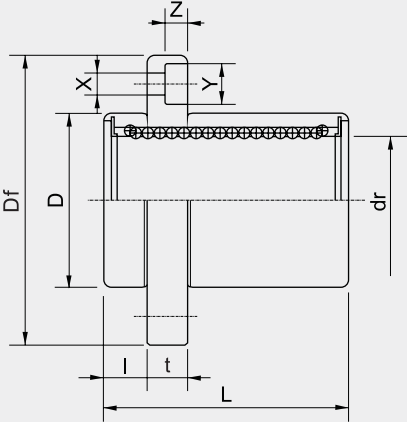
LMF(K)P...GA (Zinc alloy retainer)  
This type is a metric dimension series widely used in Asia and other countries. All models can be done with nickle plated according to customers'requirements, with function of rust-proof.



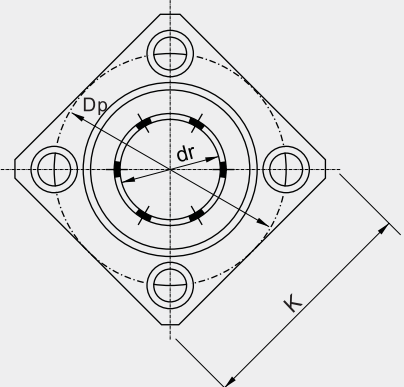
LMFP...GA



LMKP...GA



LMFP...GA



LMKP...GA

| 公称轴径<br>Nominal shaft diameter<br>mm | 导向圆法兰<br>LMFP...GA | 重量<br>Weight (g) | 导向方法兰<br>LMKP...GA | 重量<br>Weight (g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |    |                        |
|--------------------------------------|--------------------|------------------|--------------------|------------------|----------------------------------------|------------------------|----|------------------------|----|------------------------|
|                                      |                    |                  |                    |                  | dr                                     |                        | D  |                        | L  |                        |
|                                      |                    |                  |                    |                  | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m |
| 6                                    | LMFP6GA            | 25.3             | LMKP6GA            | 19.3             | 6                                      |                        | 12 | 0                      | 19 | ± 300                  |
| 8                                    | LMFP8GA            | 39.3             | LMKP8GA            | 31.3             | 8                                      |                        | 15 | -13                    | 24 |                        |
| 10                                   | LMFP10GA           | 74.5             | LMKP10GA           | 54.5             | 10                                     | 0                      | 19 |                        | 29 |                        |
| 12                                   | LMFP12GA           | 81.2             | LMKP12GA           | 62.2             | 12                                     | -9                     | 21 | 0                      | 30 | 0<br>-200              |
| 13                                   | LMFP13GA           | 95               | LMKP13GA           | 79               | 13                                     |                        | 23 | -16                    | 32 |                        |
| 16                                   | LMFP16GA           | 137              | LMKP16GA           | 121              | 16                                     |                        | 28 |                        | 37 |                        |
| 20                                   | LMFP20GA           | 205              | LMKP20GA           | 170              | 20                                     | 0                      | 32 | 0                      | 42 | 0<br>-300              |
| 25                                   | LMFP25GA           | 402              | LMKP25GA           | 362              | 25                                     | -10                    | 40 | -19                    | 59 |                        |
| 30                                   | LMFP30GA           | 546              | LMKP30GA           | 451              | 30                                     |                        | 45 |                        | 64 |                        |
| 35                                   | LMFP35GA           | 789              | LMKP35GA           | 659              | 35                                     | 0                      | 52 | 0                      | 70 |                        |
| 40                                   | LMFP40GA           | 1,205            | LMKP40GA           | 1,025            | 40                                     | -12                    | 60 | -22                    | 80 |                        |

| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| I<br>mm                                | Df<br>mm | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 5                                      | 28       | 22      | 5       | 20       | 3.5     | 6       | 3.1     | 12                        | 12                       | 206                       | 265                   |
| 5                                      | 32       | 25      | 5       | 24       | 3.5     | 6       | 3.1     |                           |                          | 274                       | 392                   |
| 6                                      | 40       | 30      | 6       | 29       | 4.5     | 7.5     | 4.1     |                           |                          | 372                       | 549                   |
| 6                                      | 42       | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 6                                      | 43       | 34      | 6       | 33       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 6                                      | 48       | 37      | 6       | 38       | 4.5     | 7.5     | 4.1     |                           |                          | 774                       | 1,180                 |
| 8                                      | 54       | 42      | 8       | 43       | 5.5     | 9       | 5.1     | 15                        | 15                       | 882                       | 1,370                 |
| 8                                      | 62       | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 980                       | 1,570                 |
| 10                                     | 74       | 58      | 10      | 60       | 6.6     | 11      | 6.1     |                           |                          | 1,570                     | 2,740                 |
| 10                                     | 82       | 64      | 10      | 67       | 6.6     | 11      | 6.1     |                           |                          | 1,670                     | 3,140                 |
| 13                                     | 96       | 75      | 13      | 78       | 9       | 14      | 8.1     | 20                        | 20                       | 2,160                     | 4,020                 |

LMF(K)P20 M GA      M      镀镍      M      Nickle plated

国际单位：1N≈0.102kgf  
SIUNIT：1N≈0.102kgf



LMF(K)P...LUU 尼龙保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

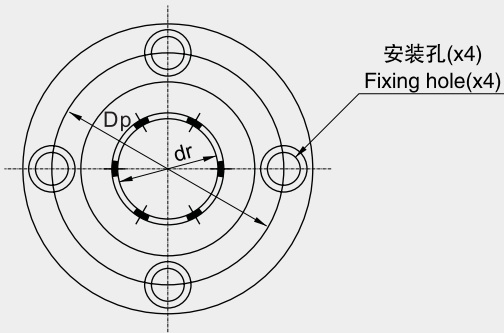
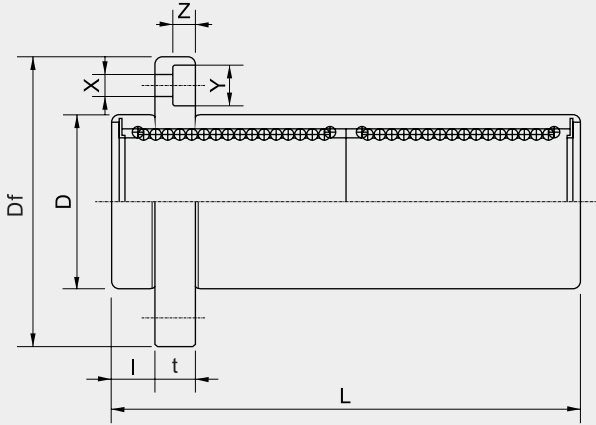
LMF(K)P...LUU (Resin retainer)  
This type is a metric dimension series widely used in Asia and other countries. All models can be done with nickle plated according to customers'requirements, with function of rust-proof.



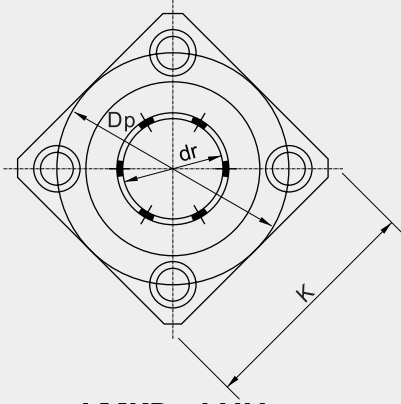
LMFP...LUU



LMKP...LUU



LMFP...LUU



LMKP...LUU

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长导向圆法兰<br>LMFP...LUU | 重量<br>Weight<br>(g) | 加长导向方法兰<br>LMKP...LUU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |     |                        |     |                        |
|--------------------------------------------|-----------------------|---------------------|-----------------------|---------------------|----------------------------------------|------------------------|-----|------------------------|-----|------------------------|
|                                            |                       |                     |                       |                     | dr                                     |                        | D   |                        | L   |                        |
|                                            |                       |                     |                       |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 6                                          | LMFP6LUU              | 31                  | LMKP6LUU              | 25                  | 6                                      |                        | 12  | 0                      | 35  | ± 300                  |
| 8                                          | LMFP8LUU              | 51                  | LMKP8LUU              | 43                  | 8                                      |                        | 15  | -13                    | 45  |                        |
| 10                                         | LMFP10LUU             | 98                  | LMKP10LUU             | 78                  | 10                                     | 0                      | 19  |                        | 55  |                        |
| 12                                         | LMFP12LUU             | 110                 | LMKP12LUU             | 90                  | 12                                     | -10                    | 21  | 0                      | 57  | 0                      |
| 13                                         | LMFP13LUU             | 130                 | LMKP13LUU             | 108                 | 13                                     |                        | 23  | -16                    | 61  |                        |
| 16                                         | LMFP16LUU             | 190                 | LMKP16LUU             | 165                 | 16                                     |                        | 28  |                        | 70  |                        |
| 20                                         | LMFP20LUU             | 260                 | LMKP20LUU             | 225                 | 20                                     | 0                      | 32  | 0                      | 80  | -300                   |
| 25                                         | LMFP25LUU             | 540                 | LMKP25LUU             | 500                 | 25                                     | -12                    | 40  | -19                    | 112 |                        |
| 30                                         | LMFP30LUU             | 680                 | LMKP30LUU             | 590                 | 30                                     |                        | 45  |                        | 123 |                        |
| 35                                         | LMFP35LUU             | 1,020               | LMKP35LUU             | 930                 | 35                                     | 0                      | 52  | 0                      | 135 | 0                      |
| 40                                         | LMFP40LUU             | 1,570               | LMKP40LUU             | 1,380               | 40                                     | -15                    | 60  | -22                    | 151 |                        |
| 50                                         | LMFP50LUU             | 3,600               | LMKP50LUU             | 3,400               | 50                                     |                        | 80  |                        | 192 |                        |
| 60                                         | LMFP60LUU             | 4,500               | LMKP60LUU             | 4,060               | 60                                     | 0                      | 90  | 0                      | 209 | -400                   |
| 80                                         | LMFP80LUU             | 9,090               | LMKP80LUU             | 8,590               | 80                                     | -20                    | 120 | -25                    | 265 |                        |

| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| I<br>mm                                | Df<br>mm | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 5                                      | 28       | 22      | 5       | 20       | 3.5     | 6       | 3.1     | 15                        | 15                       | 323                       | 529                   |
| 5                                      | 32       | 25      | 5       | 24       | 3.5     | 6       | 3.1     |                           |                          | 431                       | 781                   |
| 6                                      | 40       | 30      | 6       | 29       | 4.5     | 7.5     | 4.1     |                           |                          | 588                       | 1,100                 |
| 6                                      | 42       | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 6                                      | 43       | 34      | 6       | 33       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 6                                      | 48       | 37      | 6       | 38       | 4.5     | 7.5     | 4.1     |                           |                          | 1,230                     | 2,350                 |
| 8                                      | 54       | 42      | 8       | 43       | 5.5     | 9       | 5.1     | 20                        | 20                       | 1,400                     | 2,740                 |
| 8                                      | 62       | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 1,560                     | 3,140                 |
| 10                                     | 74       | 58      | 10      | 60       | 6.6     | 11      | 6.1     |                           |                          | 2,490                     | 5,490                 |
| 10                                     | 82       | 64      | 10      | 67       | 6.6     | 11      | 6.1     |                           |                          | 2,650                     | 6,270                 |
| 13                                     | 96       | 75      | 13      | 78       | 9       | 14      | 8.1     | 25                        | 25                       | 3,430                     | 8,040                 |
| 13                                     | 116      | 92      | 13      | 98       | 9       | 14      | 8.1     |                           |                          | 6,080                     | 15,900                |
| 18                                     | 134      | 106     | 18      | 112      | 11      | 17      | 11.1    | 30                        | 30                       | 7,550                     | 20,000                |
| 18                                     | 164      | 136     | 18      | 142      | 11      | 17      | 11.1    |                           |                          | 11,500                    | 32,000                |

|                  |    |      |               |
|------------------|----|------|---------------|
| 密封型 Seal type:   |    |      |               |
| LMF(K)P20 L M UU | 不标 | 不带密封 | No entry      |
|                  | UU | 双密封  | UU            |
| M                |    | 镀镍   | Nickle plated |

国际单位：1N≈0.102kgf  
SIUNIT：1N≈0.102kgf

LMF(K)P...LGA 锌合金保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

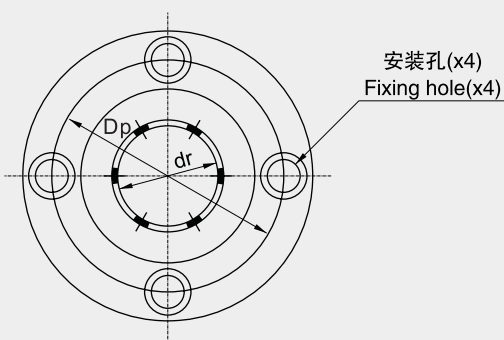
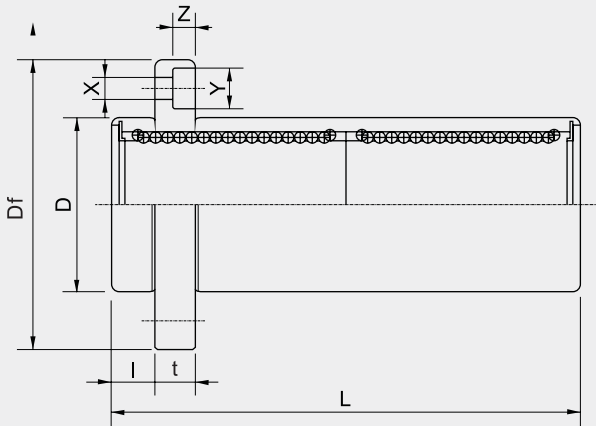
LMF(K)P...LGA (Zinc alloy retainer)  
This type is a metric dimension series widely used in Asia and other countries. All models can be done with nickle plated according to customers' requirements, with function of rust-proof.



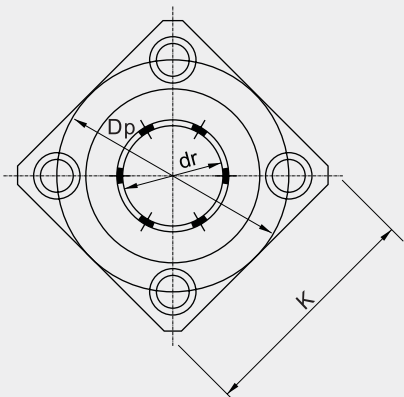
LMFP...LGA



LMKP...LGA



LMFP...LGA



LMKP...LGA

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长导向圆法兰<br>LMFP...LGA | 重量<br>Weight<br>(g) | 加长导向方法兰<br>LMKP...LGA | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |     |                        |
|--------------------------------------------|-----------------------|---------------------|-----------------------|---------------------|----------------------------------------|------------------------|----|------------------------|-----|------------------------|
|                                            |                       |                     |                       |                     | dr                                     |                        | D  |                        | L   |                        |
|                                            |                       |                     |                       |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 6                                          | LMFP6LGA              | 33.6                | LMKP6LGA              | 27.6                | 6                                      |                        | 12 | 0                      | 35  | ± 300                  |
| 8                                          | LMFP8LGA              | 55.6                | LMKP8LGA              | 47.6                | 8                                      |                        | 15 | -13                    | 45  |                        |
| 10                                         | LMFP10LGA             | 103                 | LMKP10LGA             | 83                  | 10                                     | 0                      | 19 |                        | 55  |                        |
| 12                                         | LMFP12LGA             | 120.4               | LMKP12LGA             | 100.4               | 12                                     | -10                    | 21 |                        | 57  | 0<br>-300              |
| 13                                         | LMFP13LGA             | 144                 | LMKP13LGA             | 122                 | 13                                     |                        | 23 | 0<br>-16               | 61  |                        |
| 16                                         | LMFP16LGA             | 224                 | LMKP16LGA             | 199                 | 16                                     |                        | 28 |                        | 70  |                        |
| 20                                         | LMFP20LGA             | 310                 | LMKP20LGA             | 275                 | 20                                     |                        | 32 | 0                      | 80  | 0<br>-400              |
| 25                                         | LMFP25LGA             | 664                 | LMKP25LGA             | 624                 | 25                                     | 0<br>-12               | 40 | 0<br>-19               | 112 |                        |
| 30                                         | LMFP30LGA             | 832                 | LMKP30LGA             | 742                 | 30                                     |                        | 45 |                        | 123 |                        |
| 35                                         | LMFP35LGA             | 1,218               | LMKP35LGA             | 1,128               | 35                                     | 0                      | 52 | 0                      | 135 |                        |
| 40                                         | LMFP40LGA             | 1,860               | LMKP40LGA             | 1,670               | 40                                     | -15                    | 60 | -22                    | 151 |                        |

| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| I<br>mm                                | Df<br>mm | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 5                                      | 28       | 22      | 5       | 20       | 3.5     | 6       | 3.1     | 15                        | 15                       | 323                       | 529                   |
| 5                                      | 32       | 25      | 5       | 24       | 3.5     | 6       | 3.1     |                           |                          | 431                       | 781                   |
| 6                                      | 40       | 30      | 6       | 29       | 4.5     | 7.5     | 4.1     |                           |                          | 588                       | 1,100                 |
| 6                                      | 42       | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 6                                      | 43       | 34      | 6       | 33       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 6                                      | 48       | 37      | 6       | 38       | 4.5     | 7.5     | 4.1     |                           |                          | 1,230                     | 2,350                 |
| 8                                      | 54       | 42      | 8       | 43       | 5.5     | 9       | 5.1     | 20                        | 20                       | 1,400                     | 2,740                 |
| 8                                      | 62       | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 1,560                     | 3,140                 |
| 10                                     | 74       | 58      | 10      | 60       | 6.6     | 11      | 6.1     |                           |                          | 2,490                     | 5,490                 |
| 10                                     | 82       | 64      | 10      | 67       | 6.6     | 11      | 6.1     | 25                        | 25                       | 2,650                     | 6,270                 |
| 13                                     | 96       | 75      | 13      | 78       | 9       | 14      | 8.1     |                           |                          | 3,430                     | 8,040                 |

LMF(K)P20 LM GA  
M 镀镍 M Nickle plated

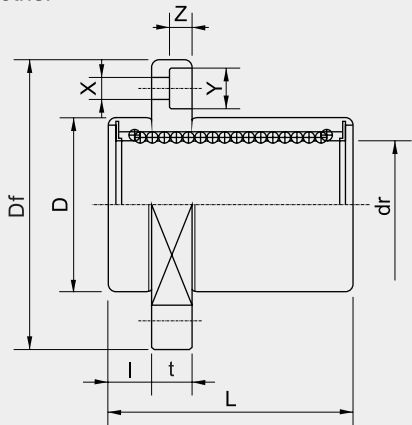
国际单位：1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf

LMHP...UU 尼龙保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

LMHP...UU (Resin retainer)  
This type is a metric dimension series widely used in Asia and other countries. All models can be done with nickle plated according to customers'requirements, with function of rust-proof.



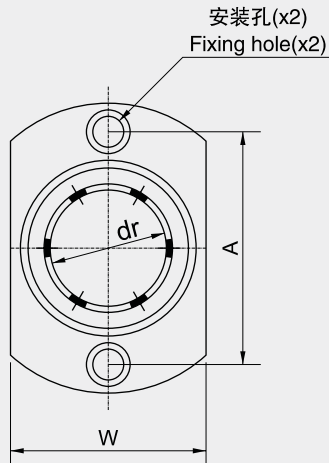
LMHP...UU



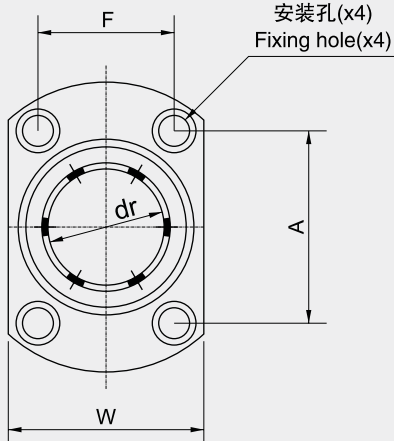
| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 导向椭圆法兰<br>LMHP····UU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |      |                        |    |
|--------------------------------------------|----------------------|---------------------|----------------------------------------|------------------------|----|------------------------|------|------------------------|----|
|                                            |                      |                     | dr                                     |                        | D  |                        | L    |                        |    |
|                                            |                      |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm   | 公差<br>Tolerance<br>μ m |    |
| 6                                          | LMHP6UU              | 21                  | 6                                      | 0<br>-9                | 12 | 0                      | 19   | ± 300                  |    |
| 8                                          | LMHP8UU              | 33                  | 8                                      |                        | 15 | -13                    | 24   |                        |    |
| 10                                         | LMHP10UU             | 64                  | 10                                     |                        | 19 | -16                    | 29   |                        |    |
| 12                                         | LMHP12UU             | 68                  | 12                                     |                        | 21 |                        | 0    |                        | 30 |
| 13                                         | LMHP13UU             | 81                  | 13                                     |                        | 23 |                        | 32   |                        | 0  |
| 16                                         | LMHP16UU             | 112                 | 16                                     | 28                     |    | 37                     | -200 |                        |    |
| 20                                         | LMHP20UU             | 167                 | 20                                     | 0<br>-10               | 32 | 0<br>-19               | 42   | 0<br>-300              |    |
| 25                                         | LMHP25UU             | 325                 | 25                                     |                        | 40 |                        | 59   |                        |    |
| 30                                         | LMHP30UU             | 388                 | 30                                     |                        | 45 |                        | 64   |                        |    |
| 35                                         | LMHP35UU             | 580                 | 35                                     |                        | 52 |                        | 70   |                        | 0  |
| 40                                         | LMHP40UU             | 920                 | 40                                     | -12                    | 60 | -22                    | 80   | -300                   |    |

|                |                    |      |               |
|----------------|--------------------|------|---------------|
| 密封型 Seal type: |                    |      |               |
| LMHP20 M UU    | 不标                 | 不带密封 | No entry      |
|                | UU                 | 双密封  | UU            |
|                | Seal on both sides |      |               |
| M              |                    | 镀镍   | Nickle plated |

国际单位：1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf



轴径小于或等于13mm  
LMHP13 or Less



轴径大于或等于16mm  
LMHP16 or More

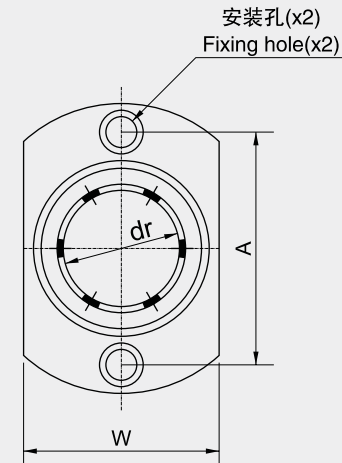
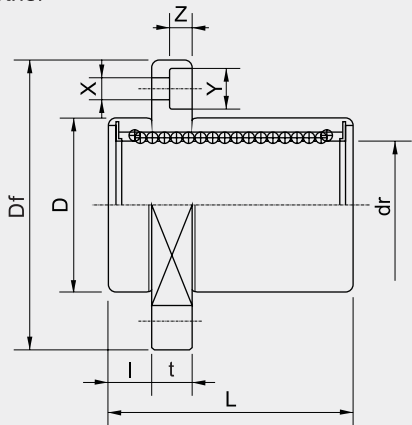
| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |         |         |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |         |         |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| I<br>mm                                | Df<br>mm | W<br>mm | t<br>mm | A<br>mm | F<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 5                                      | 28       | 18      | 5       | 20      | —       | 3.5     | 6       | 3.1     | 12                        | 12                       | 206                       | 265                   |
| 5                                      | 32       | 21      | 5       | 24      | —       | 3.5     | 6       | 3.1     |                           |                          | 274                       | 392                   |
| 6                                      | 40       | 25      | 6       | 29      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 372                       | 549                   |
| 6                                      | 42       | 27      | 6       | 32      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 6                                      | 43       | 29      | 6       | 33      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 6                                      | 48       | 34      | 6       | 31      | 22      | 4.5     | 7.5     | 4.1     |                           |                          | 774                       | 1,180                 |
| 8                                      | 54       | 38      | 8       | 36      | 24      | 5.5     | 9       | 5.1     | 15                        | 15                       | 882                       | 1,370                 |
| 8                                      | 62       | 46      | 8       | 40      | 32      | 5.5     | 9       | 5.1     |                           |                          | 980                       | 1,570                 |
| 10                                     | 74       | 51      | 10      | 49      | 35      | 6.6     | 11      | 6.1     |                           |                          | 1,570                     | 2,740                 |
| 10                                     | 82       | 60      | 10      | 55      | 38      | 6.6     | 11      | 6.1     |                           |                          | 1,670                     | 3,140                 |
| 13                                     | 96       | 70      | 13      | 64      | 45      | 9       | 14      | 8.1     | 20                        | 20                       | 2,160                     | 4,020                 |

LMHP...GA 锌合金保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

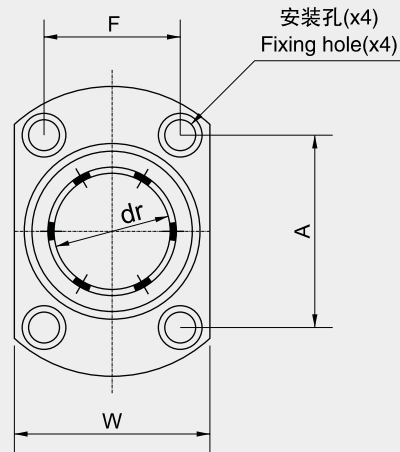
LMHP...GA (Zinc alloy retainer)  
This type is a metric dimension series widely used in Asia and other countries. All models can be done with nickle plated according to customers' requirements, with function of rust-proof.



LMHP...GA



轴径小于或等于13mm  
LMHP13 or Less



轴径大于或等于16mm  
LMHP16 or More

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 导向椭圆法兰<br>LMHP····UU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |     |                        |     |                        |
|--------------------------------------------|----------------------|---------------------|----------------------------------------|------------------------|-----|------------------------|-----|------------------------|
|                                            |                      |                     | dr                                     |                        | D   |                        | L   |                        |
|                                            |                      |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 6                                          | LMHP6UU              | 22.3                | 6                                      | 0<br>-9                | 12  | 0                      | 19  | ± 300                  |
| 8                                          | LMHP8UU              | 35.3                | 8                                      |                        | 15  | -13                    | 24  |                        |
| 10                                         | LMHP10UU             | 65.5                | 10                                     |                        | 19  | 0<br>-16               | 29  |                        |
| 12                                         | LMHP12UU             | 73.2                | 12                                     |                        | 21  |                        | 30  |                        |
| 13                                         | LMHP13UU             | 88                  | 13                                     |                        | 23  |                        | 32  |                        |
| 16                                         | LMHP16UU             | 129                 | 16                                     | 28                     | 37  | -200                   |     |                        |
| 20                                         | LMHP20UU             | 192                 | 20                                     | 0<br>-10               | 32  | 0                      | 42  | 0<br>-300              |
| 25                                         | LMHP25UU             | 387                 | 25                                     |                        | 40  | 59                     |     |                        |
| 30                                         | LMHP30UU             | 464                 | 30                                     |                        | 45  | 64                     |     |                        |
| 35                                         | LMHP35UU             | 679                 | 35                                     |                        | 52  | 0                      | 70  |                        |
| 40                                         | LMHP40UU             | 1,065               | 40                                     |                        | -12 | 60                     | -22 |                        |

| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |         |         |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |         |         |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| I<br>mm                                | Df<br>mm | W<br>mm | t<br>mm | A<br>mm | F<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 5                                      | 28       | 18      | 5       | 20      | —       | 3.5     | 6       | 3.1     | 12                        | 12                       | 206                       | 265                   |
| 5                                      | 32       | 21      | 5       | 24      | —       | 3.5     | 6       | 3.1     |                           |                          | 274                       | 392                   |
| 6                                      | 40       | 25      | 6       | 29      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 372                       | 549                   |
| 6                                      | 42       | 27      | 6       | 32      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 6                                      | 43       | 29      | 6       | 33      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 510                       | 784                   |
| 6                                      | 48       | 34      | 6       | 31      | 22      | 4.5     | 7.5     | 4.1     |                           |                          | 774                       | 1,180                 |
| 8                                      | 54       | 38      | 8       | 36      | 24      | 5.5     | 9       | 5.1     | 15                        | 15                       | 882                       | 1,370                 |
| 8                                      | 62       | 46      | 8       | 40      | 32      | 5.5     | 9       | 5.1     |                           |                          | 980                       | 1,570                 |
| 10                                     | 74       | 51      | 10      | 49      | 35      | 6.6     | 11      | 6.1     |                           |                          | 1,570                     | 2,740                 |
| 10                                     | 82       | 60      | 10      | 55      | 38      | 6.6     | 11      | 6.1     |                           |                          | 1,670                     | 3,140                 |
| 13                                     | 96       | 70      | 13      | 64      | 45      | 9       | 14      | 8.1     | 20                        | 20                       | 2,160                     | 4,020                 |

LMHP20 M GA      M      镀镍      M      Nickle plated

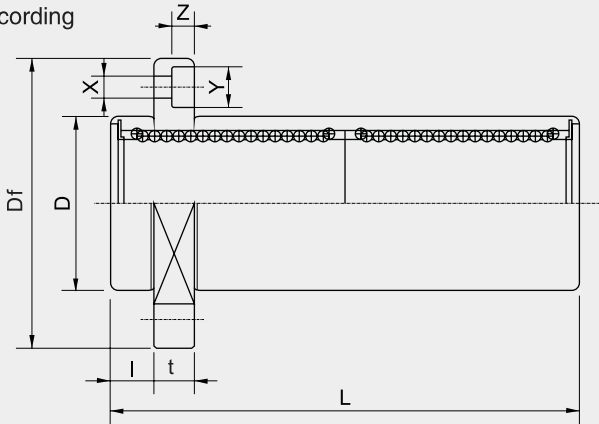
国际单位：1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf

LMHP...LUU 尼龙保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

LMHP...LUU Resin retainer)  
This type is a metric dimension series widely used in Asia and other countries. All models can be done with nickle plated according to customers'requirements, with function of rust-proof.



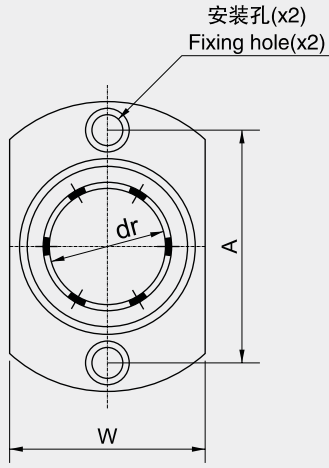
LMHP...LUU



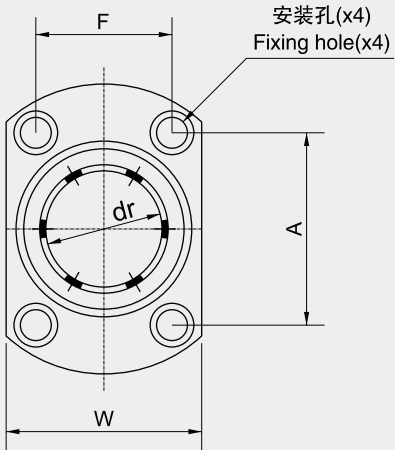
| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长导向椭圆法兰<br>LMHP...LUU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |      |                        |
|--------------------------------------------|------------------------|---------------------|----------------------------------------|------------------------|----|------------------------|------|------------------------|
|                                            |                        |                     | dr                                     |                        | D  |                        | L    |                        |
|                                            |                        |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm   | 公差<br>Tolerance<br>μ m |
| 6                                          | LMHP6LUU               | 28                  | 6                                      | 0<br>-10               | 12 | 0                      | 35   | ± 300                  |
| 8                                          | LMHP8LUU               | 47                  | 8                                      |                        | 15 | -13                    | 45   |                        |
| 10                                         | LMHP10LUU              | 90                  | 10                                     |                        | 19 | 0<br>-16               | 55   |                        |
| 12                                         | LMHP12LUU              | 102                 | 12                                     |                        | 21 |                        | 57   |                        |
| 13                                         | LMHP13LUU              | 123                 | 13                                     | 23                     | 61 |                        | 0    |                        |
| 16                                         | LMHP16LUU              | 182                 | 16                                     | 28                     | 70 |                        | -300 |                        |
| 20                                         | LMHP20LUU              | 247                 | 20                                     | 0<br>-12               | 32 | 0                      | 80   | 0<br>-400              |
| 25                                         | LMHP25LUU              | 525                 | 25                                     |                        | 40 | -19                    | 112  |                        |
| 30                                         | LMHP30LUU              | 645                 | 30                                     |                        | 45 | 123                    |      |                        |
| 35                                         | LMHP35LUU              | 950                 | 35                                     |                        | 52 | 0                      | 135  |                        |
| 40                                         | LMHP40LUU              | 1,450               | 40                                     | -15                    | 60 | -22                    | 151  |                        |

|                |      |          |                    |
|----------------|------|----------|--------------------|
| 密封型 Seal type: |      |          |                    |
| LMHP20 L M UU  |      |          |                    |
| 不标             | 不带密封 | No entry | No seals           |
|                | 双密封  | UU       | Seal on both sides |
| M              | 镀镍   | M        | Nickle plated      |

国际单位：1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf



轴径小于或等于13mm  
LMHP13 or Less



轴径大于或等于16mm  
LMHP16 or More

| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |         |         |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |         |         |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| I<br>mm                                | Df<br>mm | W<br>mm | t<br>mm | A<br>mm | F<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 5                                      | 28       | 18      | 5       | 20      | —       | 3.5     | 6       | 3.1     | 15                        | 15                       | 323                       | 529                   |
| 5                                      | 32       | 21      | 5       | 24      | —       | 3.5     | 6       | 3.1     |                           |                          | 431                       | 784                   |
| 6                                      | 40       | 25      | 6       | 29      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 588                       | 1,100                 |
| 6                                      | 42       | 27      | 6       | 32      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 6                                      | 43       | 29      | 6       | 33      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 6                                      | 48       | 34      | 6       | 31      | 22      | 4.5     | 7.5     | 4.1     |                           |                          | 1,230                     | 2,350                 |
| 8                                      | 54       | 38      | 8       | 36      | 24      | 5.5     | 9       | 5.1     | 20                        | 20                       | 1,400                     | 2,740                 |
| 8                                      | 62       | 46      | 8       | 40      | 32      | 5.5     | 9       | 5.1     |                           |                          | 1,560                     | 3,140                 |
| 10                                     | 74       | 51      | 10      | 49      | 35      | 6.6     | 11      | 6.1     |                           |                          | 2,490                     | 5,490                 |
| 10                                     | 82       | 60      | 10      | 55      | 38      | 6.6     | 11      | 6.1     |                           |                          | 2,650                     | 6,270                 |
| 13                                     | 96       | 70      | 13      | 64      | 45      | 9       | 14      | 8.1     | 25                        | 25                       | 3,430                     | 8,040                 |

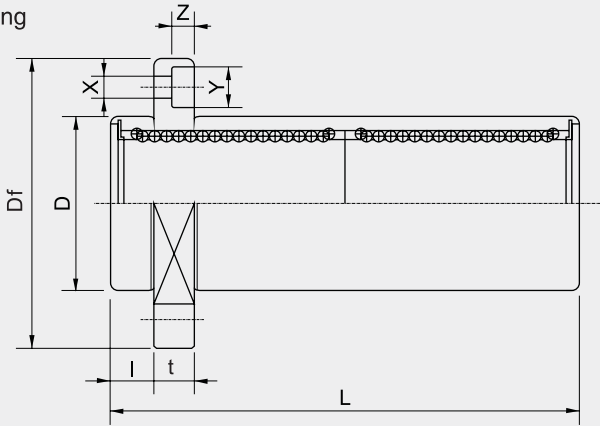


LMHP...LGA 铝合金保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

LMHP...LGA (Aluminum retainer)  
This type is a metric dimension series widely used in Asia and other countries. All models can be done with nickle plated according to customers' requirements, with function of rust-proof.

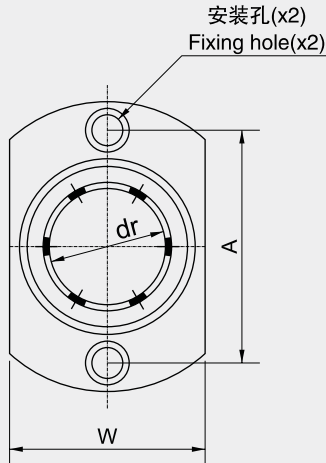


LMHP...LGA

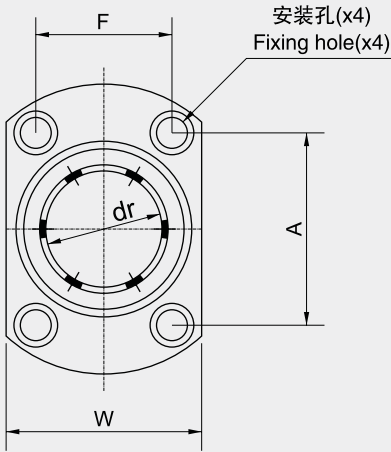


| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长导向椭圆法兰<br>LMHP...LGA | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |     |                        |
|--------------------------------------------|------------------------|---------------------|----------------------------------------|------------------------|----|------------------------|-----|------------------------|
|                                            |                        |                     | dr                                     |                        | D  |                        | L   |                        |
|                                            |                        |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 6                                          | LMHP6LGA               | 30.6                | 6                                      | 0<br>-10               | 12 | 0                      | 35  | ± 300                  |
| 8                                          | LMHP8LGA               | 51.6                | 8                                      |                        | 15 | -13                    | 45  |                        |
| 10                                         | LMHP10LGA              | 95                  | 10                                     |                        | 19 | 0<br>-16               | 55  |                        |
| 12                                         | LMHP12LGA              | 112.4               | 12                                     |                        | 21 |                        | 57  |                        |
| 13                                         | LMHP13LGA              | 137                 | 13                                     |                        | 23 |                        | 61  |                        |
| 16                                         | LMHP16LGA              | 216                 | 16                                     | 28                     | 70 | -300                   |     |                        |
| 20                                         | LMHP20LGA              | 297                 | 20                                     | 0<br>-12               | 32 | 0                      | 80  | 0<br>-400              |
| 25                                         | LMHP25LGA              | 649                 | 25                                     |                        | 40 | -19                    | 112 |                        |
| 30                                         | LMHP30LGA              | 797                 | 30                                     |                        | 45 | 123                    |     |                        |
| 35                                         | LMHP35LGA              | 1,148               | 35                                     | 52                     | 0  | 135                    |     |                        |
| 40                                         | LMHP40LGA              | 1,740               | 40                                     | -15                    | 60 | -22                    | 151 |                        |

LMHP20 LMGA  
└─ M 镀镍      M Nickle plated



轴径小于或等于13mm  
LMHP13 or Less



轴径大于或等于16mm  
LMHP16 or More

| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |         |         |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |         |         |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| I<br>mm                                | Df<br>mm | W<br>mm | t<br>mm | A<br>mm | F<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 5                                      | 28       | 18      | 5       | 20      | —       | 3.5     | 6       | 3.1     | 15                        | 15                       | 323                       | 529                   |
| 5                                      | 32       | 21      | 5       | 24      | —       | 3.5     | 6       | 3.1     |                           |                          | 431                       | 784                   |
| 6                                      | 40       | 25      | 6       | 29      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 588                       | 1,100                 |
| 6                                      | 42       | 27      | 6       | 32      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 6                                      | 43       | 29      | 6       | 33      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 6                                      | 48       | 34      | 6       | 31      | 22      | 4.5     | 7.5     | 4.1     |                           |                          | 1,230                     | 2,350                 |
| 8                                      | 54       | 38      | 8       | 36      | 24      | 5.5     | 9       | 5.1     | 20                        | 20                       | 1,400                     | 2,740                 |
| 8                                      | 62       | 46      | 8       | 40      | 32      | 5.5     | 9       | 5.1     |                           |                          | 1,560                     | 3,140                 |
| 10                                     | 74       | 51      | 10      | 49      | 35      | 6.6     | 11      | 6.1     |                           |                          | 2,490                     | 5,490                 |
| 10                                     | 82       | 60      | 10      | 55      | 38      | 6.6     | 11      | 6.1     | 25                        | 25                       | 2,650                     | 6,270                 |
| 13                                     | 96       | 70      | 13      | 64      | 45      | 9       | 14      | 8.1     |                           |                          | 3,430                     | 8,040                 |

国际单位：1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf

LMF(K)M...LUU 尼龙保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

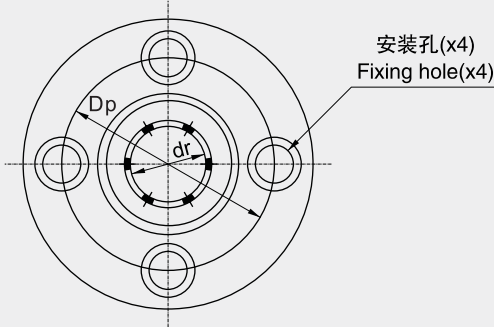
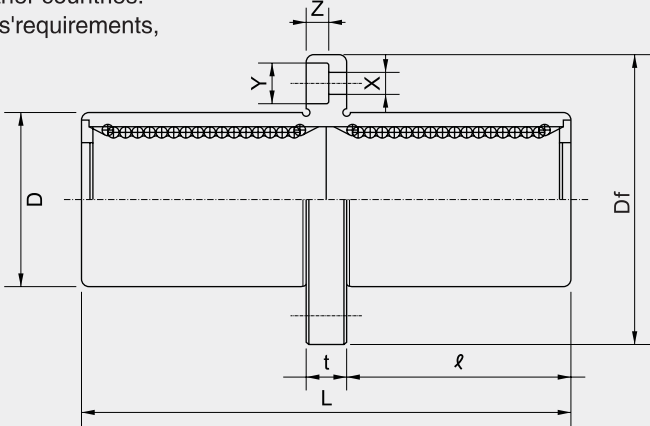
LMF(K)M...LUU (Resin retainer)  
This type is a metric dimension series widely used in Asia and other countries.  
All models can be done with nickle plated according to customers'requirements,  
with function of rust-proof.



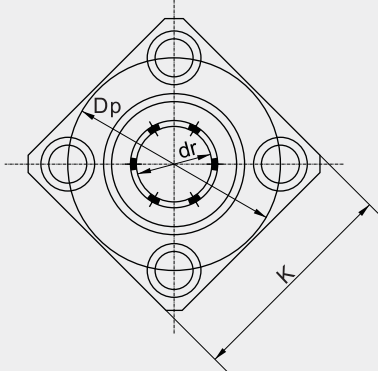
LMFM...LUU



LMKM...LUU



LMFM...LUU



LMKM...LUU

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长中间圆法兰<br>LMFM...LUU | 重量<br>Weight<br>(g) | 加长中间方法兰<br>LMKM...LUU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |     |                        |     |                        |
|--------------------------------------------|-----------------------|---------------------|-----------------------|---------------------|----------------------------------------|------------------------|-----|------------------------|-----|------------------------|
|                                            |                       |                     |                       |                     | dr                                     |                        | D   |                        | L   |                        |
|                                            |                       |                     |                       |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 6                                          | LMFM6LUU              | 31                  | LMKM6LUU              | 25                  | 6                                      |                        | 12  | 0                      | 35  | ± 300                  |
| 8                                          | LMFM8LUU              | 51                  | LMKM8LUU              | 43                  | 8                                      |                        | 15  | -13                    | 45  |                        |
| 10                                         | LMFM10LUU             | 98                  | LMKM10LUU             | 78                  | 10                                     | 0                      | 19  |                        | 55  |                        |
| 12                                         | LMFM12LUU             | 110                 | LMKM12LUU             | 90                  | 12                                     | -10                    | 21  | 0                      | 57  | 0                      |
| 13                                         | LMFM13LUU             | 130                 | LMKM13LUU             | 108                 | 13                                     |                        | 23  | -16                    | 61  |                        |
| 16                                         | LMFM16LUU             | 190                 | LMKM16LUU             | 165                 | 16                                     |                        | 28  |                        | 70  |                        |
| 20                                         | LMFM20LUU             | 260                 | LMKM20LUU             | 225                 | 20                                     | 0                      | 32  | 0                      | 80  | -300                   |
| 25                                         | LMFM25LUU             | 540                 | LMKM25LUU             | 500                 | 25                                     | -12                    | 40  | -19                    | 112 |                        |
| 30                                         | LMFM30LUU             | 680                 | LMKM30LUU             | 590                 | 30                                     |                        | 45  |                        | 123 |                        |
| 35                                         | LMFM35LUU             | 1,020               | LMKM35LUU             | 930                 | 35                                     | 0                      | 52  | 0                      | 135 | 0                      |
| 40                                         | LMFM40LUU             | 1,570               | LMKM40LUU             | 1,380               | 40                                     | -15                    | 60  | -22                    | 151 |                        |
| 50                                         | LMFM50LUU             | 3,600               | LMKM50LUU             | 3,400               | 50                                     |                        | 80  |                        | 192 |                        |
| 60                                         | LMFM60LUU             | 4,500               | LMKM60LUU             | 4,060               | 60                                     | 0                      | 90  | 0                      | 209 | -400                   |
| 80                                         | LMFM80LUU             | 9,090               | LMKM80LUU             | 8,590               | 80                                     | -20                    | 120 | -25                    | 265 |                        |

| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| ℓ<br>mm                                | Df<br>mm | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 15                                     | 28       | 22      | 5       | 20       | 3.5     | 6       | 3.1     | 15                        | 15                       | 323                       | 529                   |
| 20                                     | 32       | 25      | 5       | 24       | 3.5     | 6       | 3.1     |                           |                          | 431                       | 781                   |
| 24.5                                   | 40       | 30      | 6       | 29       | 4.5     | 7.5     | 4.1     |                           |                          | 588                       | 1,100                 |
| 25.5                                   | 42       | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 27.5                                   | 43       | 34      | 6       | 33       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 32                                     | 48       | 37      | 6       | 38       | 4.5     | 7.5     | 4.1     |                           |                          | 1,230                     | 2,350                 |
| 36                                     | 54       | 42      | 8       | 43       | 5.5     | 9       | 5.1     | 20                        | 20                       | 1,400                     | 2,740                 |
| 52                                     | 62       | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 1,560                     | 3,140                 |
| 56.5                                   | 74       | 58      | 10      | 60       | 6.6     | 11      | 6.1     |                           |                          | 2,490                     | 5,490                 |
| 62.5                                   | 82       | 64      | 10      | 67       | 6.6     | 11      | 6.1     |                           |                          | 2,650                     | 6,270                 |
| 69                                     | 96       | 75      | 13      | 78       | 9       | 14      | 8.1     |                           |                          | 3,430                     | 8,040                 |
| 89.5                                   | 116      | 92      | 13      | 98       | 9       | 14      | 8.1     |                           |                          | 6,080                     | 15,900                |
| 95.5                                   | 134      | 106     | 18      | 112      | 11      | 17      | 11.1    | 30                        | 30                       | 7,550                     | 20,000                |
| 123.5                                  | 164      | 136     | 18      | 142      | 11      | 17      | 11.1    |                           |                          | 11,500                    | 32,000                |

|                |  |      |  |              |  |                    |  |
|----------------|--|------|--|--------------|--|--------------------|--|
| 密封型 Seal type: |  |      |  | LMFM20 LM UU |  |                    |  |
| 不标             |  | 不带密封 |  | No entry     |  | No seals           |  |
| UU             |  | 双密封  |  | UU           |  | Seal on both sides |  |
| M              |  | 镀镍   |  | M            |  | Nickle plated      |  |

国际单位：1N≈0.102kgf  
SIUNIT：1N≈0.102kgf

LMF(K)M...LGA 锌合金保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

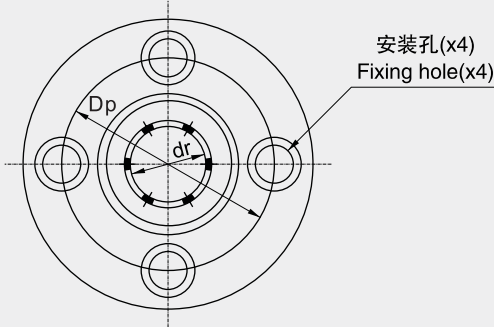
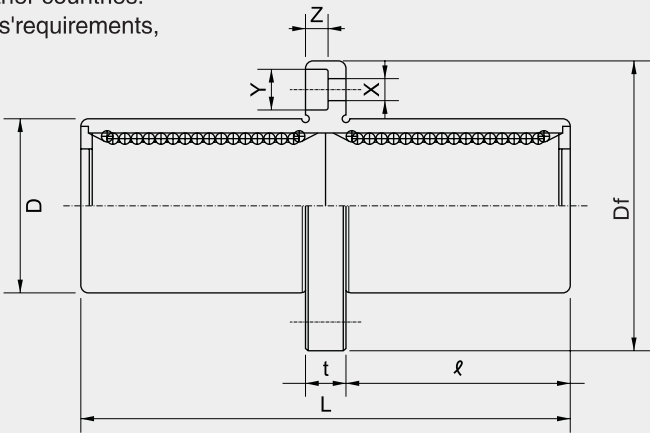
LMF(K)M...LGA (Zinc alloy retainer)  
This type is a metric dimension series widely used in Asia and other countries.  
All models can be done with nickle plated according to customers' requirements,  
with function of rust-proof.



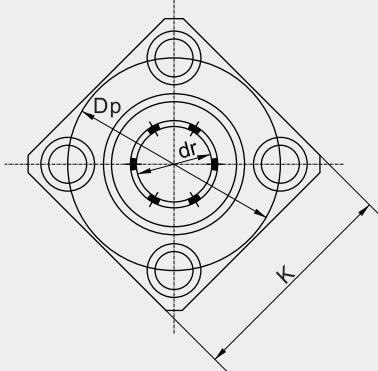
LMFM...LGA



LMKM...LGA



LMFM...LGA



LMKM...LGA

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长中间圆法兰<br>LMFM...LGA | 重量<br>Weight<br>(g) | 加长中间方法兰<br>LMKM...LGA | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |     |                        |
|--------------------------------------------|-----------------------|---------------------|-----------------------|---------------------|----------------------------------------|------------------------|----|------------------------|-----|------------------------|
|                                            |                       |                     |                       |                     | dr                                     |                        | D  |                        | L   |                        |
|                                            |                       |                     |                       |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 6                                          | LMFM6LGA              | 33.6                | LMKM6LGA              | 27.6                | 6                                      | 0<br>-10               | 12 | 0                      | 35  | ± 300                  |
| 8                                          | LMFM8LGA              | 55.6                | LMKM8LGA              | 47.6                | 8                                      |                        | 15 | -13                    | 45  |                        |
| 10                                         | LMFM10LGA             | 103                 | LMKM10LGA             | 83                  | 10                                     |                        | 19 | 0<br>-16               | 55  |                        |
| 12                                         | LMFM12LGA             | 120.4               | LMKM12LGA             | 100.4               | 12                                     |                        | 21 |                        | 57  |                        |
| 13                                         | LMFM13LGA             | 144                 | LMKM13LGA             | 122                 | 13                                     | 0<br>-12               | 23 | 0                      | 61  | 0                      |
| 16                                         | LMFM16LGA             | 224                 | LMKM16LGA             | 199                 | 16                                     |                        | 28 | -16                    | 70  | -300                   |
| 20                                         | LMFM20LGA             | 310                 | LMKM20LGA             | 275                 | 20                                     |                        | 32 | 0                      | 80  | 0<br>-400              |
| 25                                         | LMFM25LGA             | 664                 | LMKM25LGA             | 624                 | 25                                     |                        | 40 | -19                    | 112 |                        |
| 30                                         | LMFM30LGA             | 832                 | LMKM30LGA             | 742                 | 30                                     | 0<br>-15               | 45 | 0                      | 123 |                        |
| 35                                         | LMFM35LGA             | 1,218               | LMKM35LGA             | 1,128               | 35                                     |                        | 52 | -22                    | 135 |                        |
| 40                                         | LMFM40LGA             | 1,860               | LMKM40LGA             | 1,670               | 40                                     |                        | 60 |                        | 151 |                        |

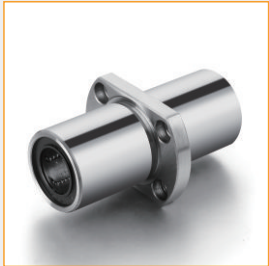
LMFM20 L M GA  
M 镀镍 M Nickle plated

| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| ℓ<br>mm                                | Df<br>mm | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 15                                     | 28       | 22      | 5       | 20       | 3.5     | 6       | 3.1     | 15                        | 15                       | 323                       | 529                   |
| 20                                     | 32       | 25      | 5       | 24       | 3.5     | 6       | 3.1     |                           |                          | 431                       | 781                   |
| 24.5                                   | 40       | 30      | 6       | 29       | 4.5     | 7.5     | 4.1     |                           |                          | 588                       | 1,100                 |
| 25.5                                   | 42       | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 27.5                                   | 43       | 34      | 6       | 33       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 32                                     | 48       | 37      | 6       | 38       | 4.5     | 7.5     | 4.1     |                           |                          | 1,230                     | 2,350                 |
| 36                                     | 54       | 42      | 8       | 43       | 5.5     | 9       | 5.1     | 20                        | 20                       | 1,400                     | 2,740                 |
| 52                                     | 62       | 50      | 8       | 51       | 5.5     | 9       | 5.1     |                           |                          | 1,560                     | 3,140                 |
| 56.5                                   | 74       | 58      | 10      | 60       | 6.6     | 11      | 6.1     |                           |                          | 2,490                     | 5,490                 |
| 62.5                                   | 82       | 64      | 10      | 67       | 6.6     | 11      | 6.1     |                           |                          | 2,650                     | 6,270                 |
| 69                                     | 96       | 75      | 13      | 78       | 9       | 14      | 8.1     | 25                        | 25                       | 3,430                     | 8,040                 |

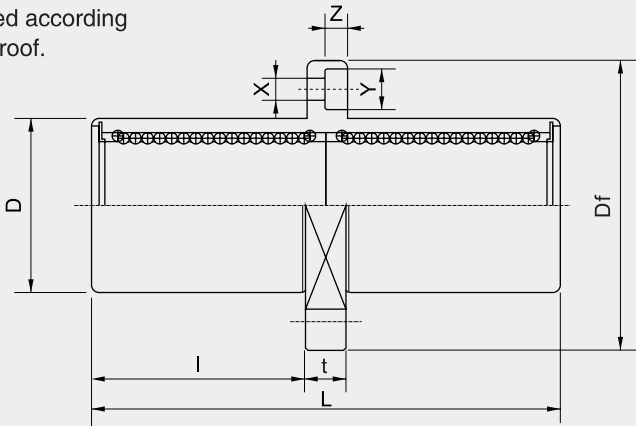
国际单位：1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf

LMHM...LUU 尼龙保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

LMHM...LUU (Resin retainer)  
This type is a metric dimension series widely used in Asia and other countries. All models can be done with nickle plated according to customers'requirements, with function of rust-proof.

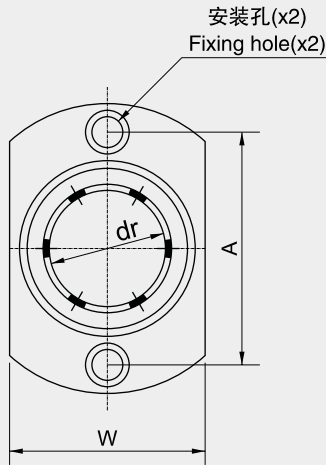


LMHM...LUU

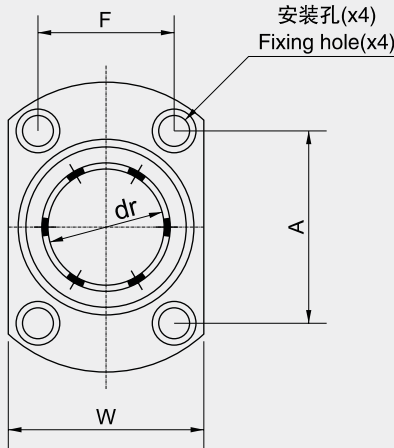


| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长中间椭圆法兰<br>LMHM...LUU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |     |                        |
|--------------------------------------------|------------------------|---------------------|----------------------------------------|------------------------|----|------------------------|-----|------------------------|
|                                            |                        |                     | dr                                     |                        | D  |                        | L   |                        |
|                                            |                        |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 6                                          | LMHM6LUU               | 28                  | 6                                      | 0<br>-10               | 12 | 0                      | 35  | ± 300                  |
| 8                                          | LMHM8LUU               | 47                  | 8                                      |                        | 15 | -13                    | 45  |                        |
| 10                                         | LMHM10LUU              | 90                  | 10                                     |                        | 19 | -16                    | 55  |                        |
| 12                                         | LMHM12LUU              | 102                 | 12                                     |                        | 21 | 0                      | 57  |                        |
| 13                                         | LMHM13LUU              | 123                 | 13                                     | 0<br>-12               | 23 | -16                    | 61  | 0<br>-300              |
| 16                                         | LMHM16LUU              | 182                 | 16                                     |                        | 28 | 0<br>-19               | 70  |                        |
| 20                                         | LMHM20LUU              | 247                 | 20                                     |                        | 32 | 0                      | 80  |                        |
| 25                                         | LMHM25LUU              | 525                 | 25                                     |                        | 40 | -19                    | 112 |                        |
| 30                                         | LMHM30LUU              | 645                 | 30                                     | 0<br>-15               | 45 | 0<br>-22               | 123 | 0<br>-400              |
| 35                                         | LMHM35LUU              | 950                 | 35                                     |                        | 52 | 0                      | 135 |                        |
| 40                                         | LMHM40LUU              | 1,450               | 40                                     |                        | 60 | -22                    | 151 |                        |

|                |  |              |      |          |  |                    |  |
|----------------|--|--------------|------|----------|--|--------------------|--|
| 密封型 Seal type: |  | LMHM20 LM UU |      | No entry |  | No seals           |  |
|                |  | 不标           | 不带密封 | UU       |  | Seal on both sides |  |
|                |  | UU           | 双密封  |          |  |                    |  |
|                |  | M            | 镀镍   | M        |  | Nickle plated      |  |



轴径小于或等于13mm  
LMHM13L or Less



轴径大于或等于16mm  
LMHM16L or More

| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |         |         |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |         |         |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| I<br>mm                                | Df<br>mm | W<br>mm | t<br>mm | A<br>mm | F<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 15                                     | 28       | 18      | 5       | 20      | —       | 3.5     | 6       | 3.1     | 15                        | 15                       | 323                       | 529                   |
| 20                                     | 32       | 21      | 5       | 24      | —       | 3.5     | 6       | 3.1     |                           |                          | 431                       | 784                   |
| 24.5                                   | 40       | 25      | 6       | 29      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 588                       | 1,100                 |
| 25.5                                   | 42       | 27      | 6       | 32      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 27.5                                   | 43       | 29      | 6       | 33      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 32                                     | 48       | 34      | 6       | 31      | 22      | 4.5     | 7.5     | 4.1     |                           |                          | 1,230                     | 2,350                 |
| 36                                     | 54       | 38      | 8       | 36      | 24      | 5.5     | 9       | 5.1     | 20                        | 20                       | 1,400                     | 2,740                 |
| 52                                     | 62       | 46      | 8       | 40      | 32      | 5.5     | 9       | 5.1     |                           |                          | 1,560                     | 3,140                 |
| 56.5                                   | 74       | 51      | 10      | 49      | 35      | 6.6     | 11      | 6.1     |                           |                          | 2,490                     | 5,490                 |
| 62.5                                   | 82       | 60      | 10      | 55      | 38      | 6.6     | 11      | 6.1     |                           |                          | 2,650                     | 6,270                 |
| 69                                     | 96       | 70      | 13      | 64      | 45      | 9       | 14      | 8.1     | 25                        | 25                       | 3,430                     | 8,040                 |

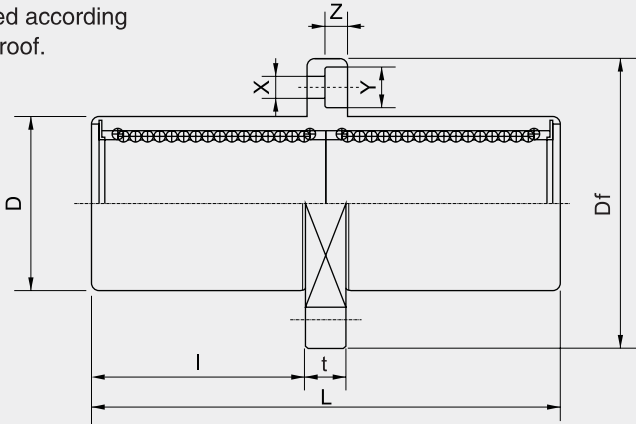
国际单位：1N≈0.102kgf  
SIUNIT：1N≈0.102kgf

LMHM···LGA 锌合金保持架  
该类型尺寸是公制的，广泛应用于亚洲和其它国家。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

LMHM···LGA (Zinc alloy retainer)  
This type is a metric dimension series widely used in Asia and other countries. All models can be done with nickle plated according to customers'requirements, with function of rust-proof.

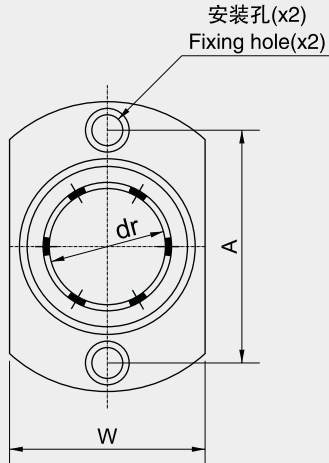


LMHM···LGA

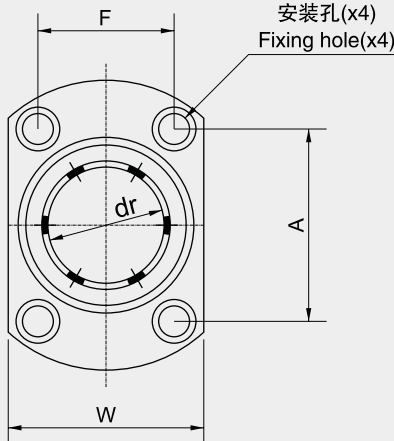


| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长中间椭圆法兰<br>LMHM···LGA | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |     |                        |
|--------------------------------------------|------------------------|---------------------|----------------------------------------|------------------------|----|------------------------|-----|------------------------|
|                                            |                        |                     | dr                                     |                        | D  |                        | L   |                        |
|                                            |                        |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 6                                          | LMHM6LGA               | 30.6                | 6                                      | 0<br>-10               | 12 | 0                      | 35  | ± 300                  |
| 8                                          | LMHM8LGA               | 51.6                | 8                                      |                        | 15 | -13                    | 45  |                        |
| 10                                         | LMHM10LGA              | 95                  | 10                                     |                        | 19 | -16                    | 55  |                        |
| 12                                         | LMHM12LGA              | 112.4               | 12                                     |                        | 21 |                        | 57  |                        |
| 13                                         | LMHM13LGA              | 137                 | 13                                     |                        | 23 |                        | 61  |                        |
| 16                                         | LMHM16LGA              | 216                 | 16                                     | 0<br>-12               | 28 | 0<br>-19               | 70  | -300                   |
| 20                                         | LMHM20LGA              | 297                 | 20                                     |                        | 32 |                        | 80  |                        |
| 25                                         | LMHM25LGA              | 649                 | 25                                     |                        | 40 |                        | 112 |                        |
| 30                                         | LMHM30LGA              | 797                 | 30                                     |                        | 45 |                        | 123 |                        |
| 35                                         | LMHM35LGA              | 1,148               | 35                                     |                        | 52 | 0                      | 135 | -400                   |
| 40                                         | LMHM40LGA              | 1,740               | 40                                     | -15                    | 60 | -22                    | 151 |                        |

LMHM20 LM GA      M      镀镍      M      Nickle plated



轴径小于或等于13mm  
LMHM13L or Less



轴径大于或等于16mm  
LMHM16L or More

| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |         |         |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |         |         |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| I<br>mm                                | Df<br>mm | W<br>mm | t<br>mm | A<br>mm | F<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 15                                     | 28       | 18      | 5       | 20      | —       | 3.5     | 6       | 3.1     | 15                        | 15                       | 323                       | 529                   |
| 20                                     | 32       | 21      | 5       | 24      | —       | 3.5     | 6       | 3.1     |                           |                          | 431                       | 784                   |
| 24.5                                   | 40       | 25      | 6       | 29      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 588                       | 1,100                 |
| 25.5                                   | 42       | 27      | 6       | 32      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 27.5                                   | 43       | 29      | 6       | 33      | —       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 32                                     | 48       | 34      | 6       | 31      | 22      | 4.5     | 7.5     | 4.1     |                           |                          | 1,230                     | 2,350                 |
| 36                                     | 54       | 38      | 8       | 36      | 24      | 5.5     | 9       | 5.1     | 20                        | 20                       | 1,400                     | 2,740                 |
| 52                                     | 62       | 46      | 8       | 40      | 32      | 5.5     | 9       | 5.1     |                           |                          | 1,560                     | 3,140                 |
| 56.5                                   | 74       | 51      | 10      | 49      | 35      | 6.6     | 11      | 6.1     |                           |                          | 2,490                     | 5,490                 |
| 62.5                                   | 82       | 60      | 10      | 55      | 38      | 6.6     | 11      | 6.1     | 25                        | 25                       | 2,650                     | 6,270                 |
| 69                                     | 96       | 70      | 13      | 64      | 45      | 9       | 14      | 8.1     |                           |                          | 3,430                     | 8,040                 |

国际单位：1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf

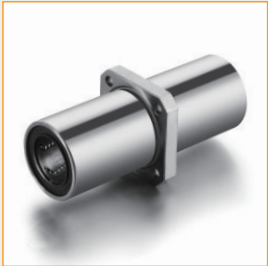


LMEF(K)M...LUU 尼龙保持架  
该类型尺寸是公制的，广泛应用于欧洲。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

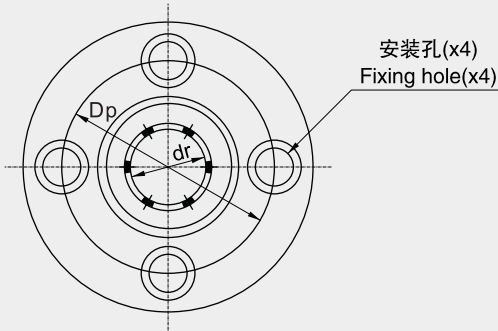
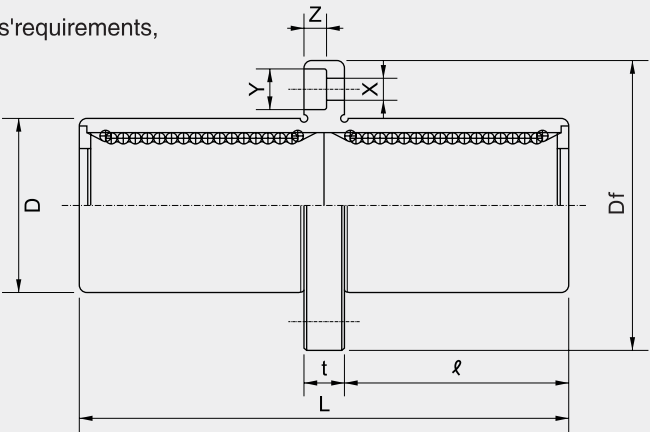
LMEF(K)M...LUU (Resin retainer)  
This type is a metric dimension series generally used in Europe.  
All models can be done with nickle plated according to customers'requirements,  
with function of rust-proof.



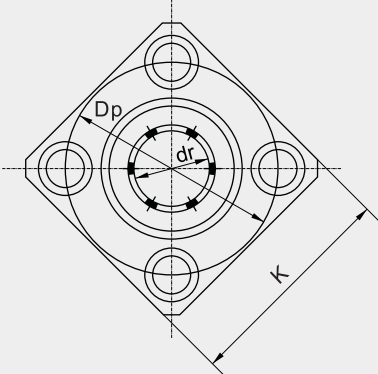
LMEFM...LUU



LMEKM...LUU



LMEFM...LUU



LMEKM...LUU

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长中间圆法兰<br>LMEFM...LUU | 重量<br>Weight<br>(g) | 加长中间方法兰<br>LMEKM...LUU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |     |                        |     |                        |
|--------------------------------------------|------------------------|---------------------|------------------------|---------------------|----------------------------------------|------------------------|-----|------------------------|-----|------------------------|
|                                            |                        |                     |                        |                     | dr                                     |                        | D   |                        | L   |                        |
|                                            |                        |                     |                        |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 8                                          | LMEFM8LUU              | 59                  | LMEKM8LUU              | 51                  | 8                                      | +9                     | 16  | 0<br>-9                | 46  | ± 300                  |
| 12                                         | LMEFM12LUU             | 110                 | LMEKM12LUU             | 90                  | 12                                     | -1                     | 22  | 0                      | 61  | 0                      |
| 16                                         | LMEFM16LUU             | 160                 | LMEKM16LUU             | 135                 | 16                                     | +11                    | 26  | -11                    | 68  | -300                   |
| 20                                         | LMEFM20LUU             | 260                 | LMEKM20LUU             | 225                 | 20                                     | -1                     | 32  | 0                      | 80  | 0                      |
| 25                                         | LMEFM25LUU             | 540                 | LMEKM25LUU             | 500                 | 25                                     | +13                    | 40  | -13                    | 112 | 0                      |
| 30                                         | LMEFM30LUU             | 815                 | LMEKM30LUU             | 720                 | 30                                     | -2                     | 47  | 0                      | 123 | 0                      |
| 40                                         | LMEFM40LUU             | 1,850               | LMEKM40LUU             | 1,600               | 40                                     | +16                    | 62  | -15                    | 151 | -400                   |
| 50                                         | LMEFM50LUU             | 2,820               | LMEKM50LUU             | 2,620               | 50                                     | -4                     | 75  | 0                      | 192 | -400                   |
| 60                                         | LMEFM60LUU             | 4,920               | LMEKM60LUU             | 4,480               | 60                                     | +19<br>-6              | 90  | -20                    | 209 | -400                   |
| 80                                         | LMEFM80LUU             | 9,090               | LMEKM80LUU             | 8,590               | 80                                     |                        | 120 |                        | 265 | -400                   |

| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| ℓ<br>mm                                | Df<br>mm | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 20.5                                   | 32       | 25      | 5       | 24       | 3.5     | 6       | 3.1     | 15                        | 15                       | 421                       | 804                   |
| 27.5                                   | 42       | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 31                                     | 46       | 35      | 6       | 36       | 4.5     | 7.5     | 4.1     |                           |                          | 912                       | 1,780                 |
| 36                                     | 54       | 42      | 8       | 43       | 5.5     | 9       | 5.1     |                           |                          | 1,370                     | 2,740                 |
| 52                                     | 62       | 50      | 8       | 51       | 5.5     | 9       | 5.1     | 17                        | 17                       | 1,570                     | 3,140                 |
| 56.5                                   | 76       | 60      | 10      | 62       | 6.6     | 11      | 6.1     |                           |                          | 2,500                     | 5,490                 |
| 69                                     | 98       | 75      | 13      | 80       | 9       | 14      | 8.1     |                           |                          | 3,430                     | 8,040                 |
| 89.5                                   | 112      | 88      | 13      | 94       | 9       | 14      | 8.1     |                           |                          | 6,080                     | 15,900                |
| 95.5                                   | 134      | 106     | 18      | 112      | 11      | 17      | 11.1    | 25                        | 25                       | 7,550                     | 20,000                |
| 123.5                                  | 164      | 136     | 18      | 142      | 11      | 17      | 11.1    | 30                        | 30                       | 11,500                    | 32,200                |

|                |    |      |               |
|----------------|----|------|---------------|
| 密封型 Seal type: |    |      |               |
| LMEFM20 LM UU  | 不标 | 不带密封 | No entry      |
|                | UU | 双密封  | UU            |
|                | M  | 镀镍   | M             |
|                |    |      | Nickle plated |

国际单位：1N≈0.102kgf  
SIUNIT：1N≈0.102kgf

LMEF(K)M...LGA 锌合金保持架  
该类型尺寸是公制的，广泛应用于欧洲。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

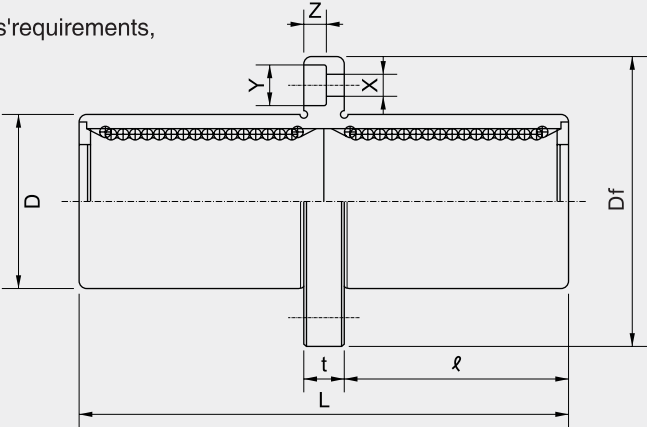
LMEF(K)M...LGA (Zinc alloy retainer)  
This type is a metric dimension series generally used in Europe.  
All models can be done with nickle plated according to customers'requirements,  
with function of rust-proof.



LMEFM...LGA

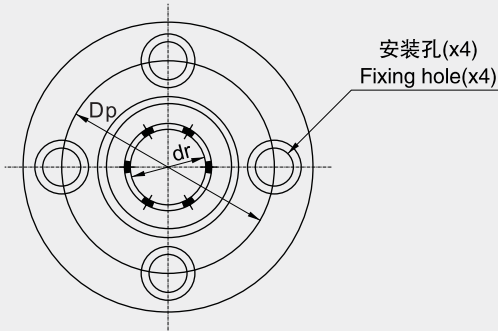


LMEKM...LGA

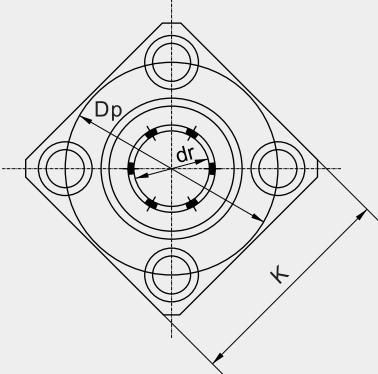


| 公称轴径<br>Nominal<br>shaft<br>diameter<br>mm | 加长中间圆法兰<br>LMEFM...LGA | 重量<br>Weight<br>(g) | 加长中间方法兰<br>LMEKM...LGA | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                        |    |                        |     |                        |
|--------------------------------------------|------------------------|---------------------|------------------------|---------------------|----------------------------------------|------------------------|----|------------------------|-----|------------------------|
|                                            |                        |                     |                        |                     | dr                                     |                        | D  |                        | L   |                        |
|                                            |                        |                     |                        |                     | mm                                     | 公差<br>Tolerance<br>μ m | mm | 公差<br>Tolerance<br>μ m | mm  | 公差<br>Tolerance<br>μ m |
| 8                                          | LMEFM8LGA              | 69.4                | LMEKM8LGA              | 61.4                | 8                                      | +9                     | 16 | 0<br>-9                | 46  | ± 300                  |
| 12                                         | LMEFM12LGA             | 133.8               | LMEKM12LGA             | 113.8               | 12                                     | -1                     | 22 | 0                      | 61  | 0                      |
| 16                                         | LMEFM16LGA             | 193                 | LMEKM16LGA             | 168                 | 16                                     | +11                    | 26 | -11                    | 68  | -300                   |
| 20                                         | LMEFM20LGA             | 318.6               | LMEKM20LGA             | 283.6               | 20                                     | -1                     | 32 | 0                      | 80  | 0                      |
| 25                                         | LMEFM25LGA             | 653.8               | LMEKM25LGA             | 613.8               | 25                                     | +13                    | 40 | -13                    | 112 | 0                      |
| 30                                         | LMEFM30LGA             | 999.6               | LMEKM30LGA             | 904.6               | 30                                     | -2                     | 47 | 0                      | 123 | -400                   |
| 40                                         | LMEFM40LGA             | 2,183.2             | LMEKM40LGA             | 1,978.2             | 40                                     | +16<br>-4              | 62 | 0<br>-15               | 151 | 0                      |

LMEFM20 L M GA      M      镀镍      M      Nickle plated



LMEFM...LUU



LMEKM...LUU

| 主要尺寸和公差 Major dimensions and tolerance |          |         |         |          |         |         |         | 偏心<br>Eccentricity<br>μ m | 垂直度<br>Squareness<br>μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|----------|---------|---------|----------|---------|---------|---------|---------------------------|--------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |          |         |         |          |         |         |         |                           |                          | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| ℓ<br>mm                                | Df<br>mm | K<br>mm | t<br>mm | Dp<br>mm | X<br>mm | Y<br>mm | Z<br>mm |                           |                          |                           |                       |
| 20.5                                   | 32       | 25      | 5       | 24       | 3.5     | 6       | 3.1     | 15                        | 15                       | 421                       | 804                   |
| 27.5                                   | 42       | 32      | 6       | 32       | 4.5     | 7.5     | 4.1     |                           |                          | 813                       | 1,570                 |
| 31                                     | 46       | 35      | 6       | 36       | 4.5     | 7.5     | 4.1     |                           |                          | 912                       | 1,780                 |
| 36                                     | 54       | 42      | 8       | 43       | 5.5     | 9       | 5.1     |                           |                          | 1,370                     | 2,740                 |
| 52                                     | 62       | 50      | 8       | 51       | 5.5     | 9       | 5.1     | 17                        | 17                       | 1,570                     | 3,140                 |
| 56.5                                   | 76       | 60      | 10      | 62       | 6.6     | 11      | 6.1     |                           |                          | 2,500                     | 5,490                 |
| 69                                     | 98       | 75      | 13      | 80       | 9       | 14      | 8.1     |                           |                          | 3,430                     | 8,040                 |

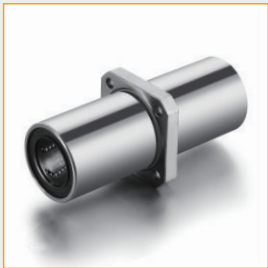
国际单位: 1N≈0.102kgf  
SIUNIT: 1N≈0.102kgf

LMBF(K)M...LUU 尼龙保持架  
该类型轴承采用英制尺寸，主要是美洲采用。  
所有型号均可根据客户要求做镀镍处理，有防锈作用。

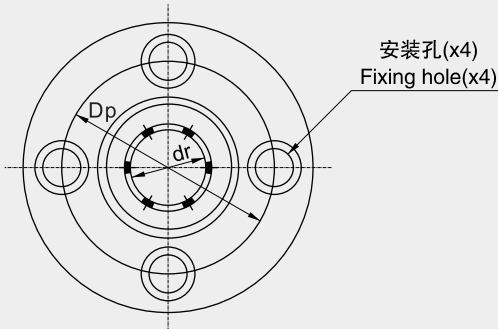
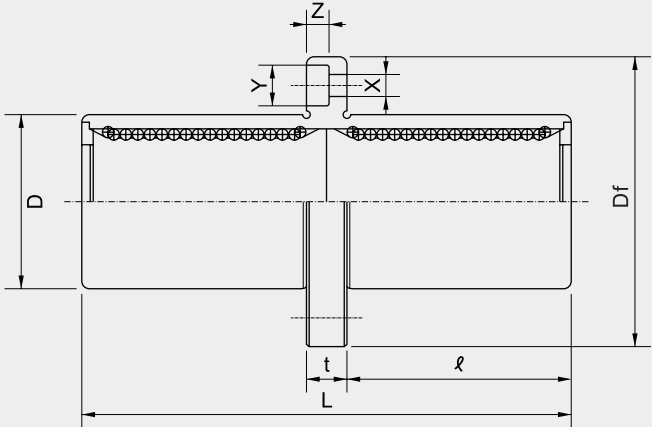
LMBF(K)M...LUU (Resin retainer)  
This type is a metric dimension series mainly used in the America.  
All models can be done with nickle plated according to customers'requirements, with function of rust-proof.



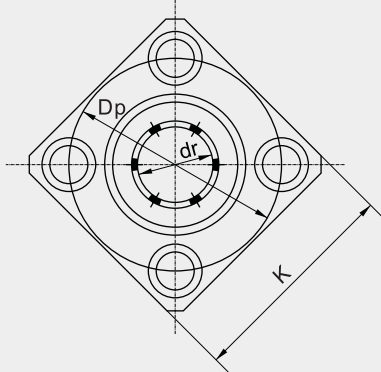
LMBFM...LUU



LMBKM...LUU



LMBFM...LUU



LMBKM...LUU

| 公称轴径<br>Nominal<br>shaft<br>diameter<br>inch/mm | 加长中间圆(方)法兰<br>LMBF(K)M...LUU | 重量<br>Weight<br>(g) | 主要尺寸和公差 Major dimensions and tolerance |                              |                  |                                                                   |                   |                              |
|-------------------------------------------------|------------------------------|---------------------|----------------------------------------|------------------------------|------------------|-------------------------------------------------------------------|-------------------|------------------------------|
|                                                 |                              |                     | dr                                     |                              | D                |                                                                   | L                 |                              |
|                                                 |                              |                     | Inch/mm                                | 公差<br>Tolerance<br>Inch/ μ m | Inch/mm          | 公差<br>Tolerance<br>Inch/ μ m                                      | Inch/mm           | 公差<br>Tolerance<br>Inch/ μ m |
| 1/4<br>6.350                                    | LMBFM4LUU<br>LMBKM4LUU       | 40<br>33            | .2500<br>6.350                         | 0<br>- .00040                | .5000<br>12.700  | <sup>0</sup> <sub>- .00050</sub><br><sup>0</sup> <sub>- .13</sub> | 1.3750<br>34.925  | ± .012<br>± 300              |
| 3/8<br>9.525                                    | LMBFM6LUU<br>LMBKM6LUU       | 60<br>45            | .3750<br>9.525                         |                              | .6250<br>15.875  | 0<br>- .00065                                                     | 1.5938<br>40.481  |                              |
| 1/2<br>12.700                                   | LMBFM8LUU<br>LMBKM8LUU       | 126<br>106          | .5000<br>12.700                        |                              | .8750<br>22.225  | 0<br>-16                                                          | 2.3750<br>60.325  | 0<br>- .012<br>0<br>-300     |
| 5/8<br>15.875                                   | LMBFM10LUU<br>LMBKM10LUU     | 215<br>200          | .6250<br>15.875                        |                              | 1.1250<br>28.575 | 0<br>- .00075                                                     | 2.8125<br>71.438  |                              |
| 3/4<br>19.050                                   | LMBFM12LUU<br>LMBKM12LUU     | 280<br>240          | .7500<br>19.050                        | 0<br>- .00050                | 1.2500<br>31.750 | 0<br>- .00075                                                     | 3.0937<br>78.581  | 0<br>- .016<br>0<br>-400     |
| 1<br>25.400                                     | LMBFM16LUU<br>LMBKM16LUU     | 515<br>470          | 1.0000<br>25.400                       | 0<br>-12                     | 1.5625<br>39.688 | 0<br>-19                                                          | 4.2831<br>108.744 |                              |
| 1-1/4<br>31.750                                 | LMBFM20LUU<br>LMBKM20LUU     | 1,020<br>935        | 1.2500<br>31.750                       | 0<br>- .00065<br>0<br>-16    | 2.0000<br>50.800 | 0<br>- .00090                                                     | 5.0000<br>127.000 |                              |
| 1-1/2<br>38.100                                 | LMBFM24LUU<br>LMBKM24LUU     | 1,630<br>1,460      | 1.5000<br>38.100                       |                              | 2.3750<br>60.325 | 0<br>-22                                                          | 5.6875<br>144.463 |                              |
| 2<br>50.800                                     | LMBFM32LUU<br>LMBKM32LUU     | 2,800<br>2,620      | 2.0000<br>50.800                       |                              | 3.0000<br>76.200 | <sup>0</sup> <sub>- .00100</sub><br><sup>0</sup> <sub>- .25</sub> | 7.7500<br>196.850 |                              |

| 主要尺寸和公差 Major dimensions and tolerance |                   |                  |                 |                  |                |                 |                | 偏心<br>Eccentricity<br>Inch/ μ m | 垂直度<br>Squareness<br>Inch/ μ m | 额定负荷<br>Basic load rating |                       |
|----------------------------------------|-------------------|------------------|-----------------|------------------|----------------|-----------------|----------------|---------------------------------|--------------------------------|---------------------------|-----------------------|
| 法兰 Flange                              |                   |                  |                 |                  |                |                 |                |                                 |                                | 动负荷<br>Dynamic<br>C N     | 静负荷<br>Static<br>Co N |
| ℓ<br>Inch/mm                           | Df<br>Inch/mm     | K<br>Inch/mm     | t<br>Inch/mm    | Dp<br>Inch/mm    | X<br>Inch/mm   | Y<br>Inch/mm    | Z<br>Inch/mm   |                                 |                                |                           |                       |
| .5781<br>14.684                        | 1.2500<br>31.750  | 1.0000<br>25.400 | 0.2188<br>5.556 | .8750<br>22.225  | .1563<br>3.969 | .2500<br>6.350  | .1406<br>3.572 | .0006<br>15                     | .0006<br>15                    | 323                       | 530                   |
| .6791<br>17.066                        | 1.5000<br>38.100  | 1.2500<br>31.750 | .2500<br>6.350  | 1.0625<br>26.988 | .1875<br>4.763 | .2969<br>7.541  | .1719<br>4.366 |                                 |                                | 353                       | 630                   |
| 1.0625<br>26.988                       | 1.7500<br>44.450  | 1.3750<br>34.925 | .2500<br>6.350  | 1.3125<br>33.338 | .1875<br>4.763 | .2969<br>7.541  | .1719<br>4.366 |                                 |                                | 813                       | 1,570                 |
| 1.2813<br>32.544                       | 2.0000<br>50.800  | 1.5000<br>38.100 | .2500<br>6.350  | 1.5625<br>39.688 | .1875<br>4.763 | .2969<br>7.541  | .1719<br>4.366 |                                 |                                | 1,230                     | 2,350                 |
| 1.3906<br>35.322                       | 2.1875<br>55.563  | 1.6875<br>42.863 | .3125<br>7.938  | 1.7188<br>43.656 | .2188<br>5.556 | .3438<br>8.731  | .2031<br>5.159 | .0008<br>20                     | .0008<br>20                    | 1,370                     | 2,740                 |
| 1.9844<br>50.403                       | 2.5000<br>63.500  | 2.0000<br>50.800 | .3125<br>7.938  | 2.0313<br>51.594 | .2188<br>5.556 | .3438<br>8.731  | .2031<br>5.159 |                                 |                                | 1,570                     | 3,140                 |
| 2.3125<br>58.738                       | 3.1250<br>79.375  | 2.5000<br>63.500 | .3750<br>9.525  | 2.5625<br>65.088 | .2813<br>7.144 | .4063<br>10.319 | .2656<br>6.747 | .0010<br>25                     | .0010<br>25                    | 2,500                     | 5,490                 |
| 2.5938<br>65.882                       | 3.7500<br>95.250  | 3.0000<br>76.200 | .5000<br>12.700 | 3.0625<br>77.788 | .3437<br>8.731 | .5000<br>12.700 | .3281<br>8.334 |                                 |                                | 3,430                     | 8,040                 |
| 3.6250<br>92.075                       | 4.3750<br>111.125 | 3.5000<br>88.900 | .5000<br>12.700 | 3.6875<br>93.662 | .3437<br>8.731 | .5000<br>12.700 | .3281<br>8.334 | .0012<br>30                     | .0012<br>30                    | 6,080                     | 15,900                |

|                |      |          |               |                |     |    |                    |
|----------------|------|----------|---------------|----------------|-----|----|--------------------|
| 密封型 Seal type: |      |          |               | LMBFM20 L M UU |     |    |                    |
| 不标             | 不带密封 | No entry | No seals      | UU             | 双密封 | UU | Seal on both sides |
|                |      |          |               |                |     |    |                    |
| M              | 镀镍   | M        | Nickle plated |                |     |    |                    |

国际单位：1N≈0.225lbs  
1kg≈2.205lbs  
SIUNIT：1N≈0.225lbs  
1kg≈2.205lbs