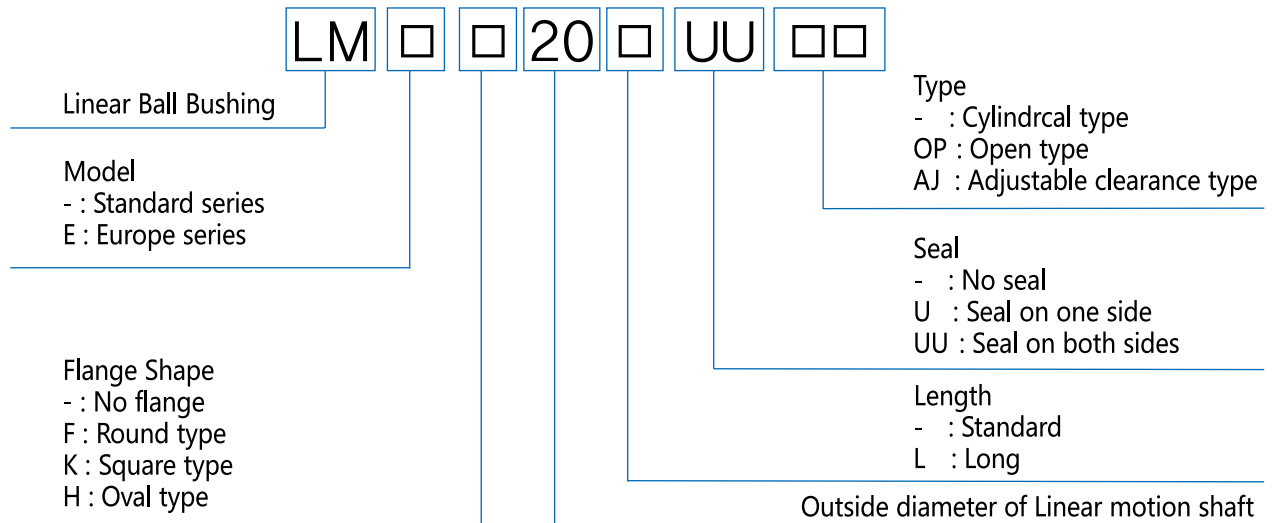


1 Model number composition of linear ball bushing



1. Precision specification

The precision Values of the inside and outside diameter of the adjustable clearance type(AJ) and open type(OP) mean the values before opening.

2. Load rating and life

$$L = \left(\frac{f_H \cdot f_C \cdot f_T}{f_W} \times \frac{C}{P} \right)^3 \times 50$$

$$L_{100} = \left(\frac{f_H \cdot f_C \cdot f_T}{f_W} \times \frac{C_{100}}{P} \right)^3 \times 100$$

L	: Rating life	(km)
L ₁₀₀	: Rating life	(km)
C	: Basic load rating	(N)
C ₁₀₀	: Basic load rating (C/1.26)	(N)
P	: Load	
f _H	: Hardness factor	
f _W	: Load factor	
f _C	: Contact factor	
f _T	: Temperature factor	

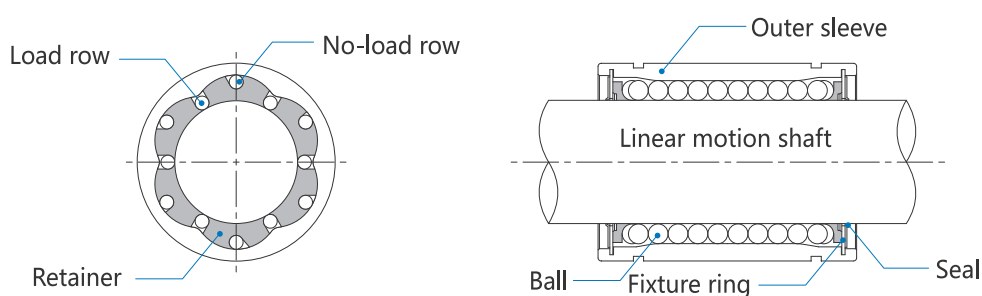


Figure 1. Structure of Linear Ball Bushing

If one outer sleeve or two in contact is used and moment is applied, it is required to calculate the equivalent radial load at the time when moment is applied.

$$P_U \doteq K \cdot M$$

P_U : Equivalent radial load (N)
(when moment is applied)

K : Equivalent factor(See Tables 1 to 3.)

M : Load moment (N.mm)

In this case P_U should be within basic static load rating(C_0)

If both moment and radial load are applied at the same time, it is necessary to calculate a life in the way of adding up the radial load and equivalent radial load. After the value(L) is obtained in the above formula, it is possible to calculate life hours in the following formula in the condition where the length of stroke and the number of strokes are constant.

$$L_h = \frac{L \times 10^3}{2 \times l_s \times n_1 \times 60}$$

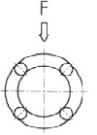
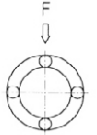
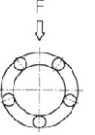
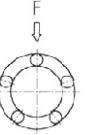
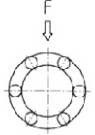
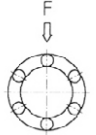
L_h : Life hours (hr)

l_s : Stroke length (m)

n_1 : Number of strokes per minute (o.p.m)

In the case of short stroke, it is possible to calculate life hours in the way of multiplying basic static load rating by length factor(K_c).

Figure2. Load rating according to ball-row arrangement

No. of Ball circuit	Ball position		No. of Ball circuit	Ball position		No. of Ball circuit	Ball position	
	Max.load	Min.load		Max.load	Min.load		Max.load	Min.load
4			5			6		
	$F=1.41 \times C$	$F=C$		$F=1.46 \times C$	$F=C$		$F=1.26 \times C$	$F=C$

C : See the table of dimensions

3. Coefficient of friction

Generally, a coefficient of friction is shown in Figure 3.

Frictional resistance force can be calculated in the following formula:

$$F = \mu \cdot P + f_s$$

F : Frictional force (N)

f_s : Seal resistance (1.3 ~ 204 N)

P : Externally applied load (vertical load to the central line of shaft) (N)

μ : Coefficient of friction(dynamic or static)

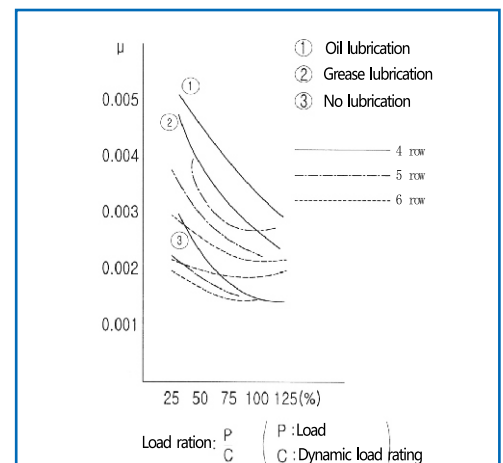


Figure 3. Dynamic friction coefficient of linear ball bushing

2 Equivalent factor

Table1. Equivalent factor of LM Series

Model No.	Equivalent factor : K	
	1 ball bushing	2 ball bushings in contact
LM 5	1.253	0.178
LM 6	0.553	0.162
LM 8S	0.708	0.166
LM 8	0.442	0.128
LM 10	0.389	0.101
LM 12	0.389	0.097
LM 13	0.343	0.093
LM 16	0.279	0.084
LM 20	0.257	0.071
LM 25	0.163	0.054
LM 30	0.153	0.049
LM 35	0.143	0.045
LM 40	0.117	0.040
LM 50	0.096	0.032
LM 60	0.093	0.028

Note: The equivalent factor of LMF/K/H and SH Series is equal to that of LM Series.

Table2. Equivalent factor of LM-L Series

Model No.	Equivalent factor : K	
	1 ball bushing	
LM 5L	0.223	
LM 6L	0.201	
LM 8L	0.151	
LM 10L	0.118	
LM 12L	0.113	
LM 13L	0.107	
LM 16L	0.096	
LM 20L	0.082	
LM 25L	0.060	
LM 30L	0.053	
LM 35L	0.050	
LM 40L	0.043	
LM 50L	0.034	
LM 60L	0.031	

Note: The equivalent factor of LMF/K/H and SH Series is equal to that of LM Series.

Table1. Equivalent factor of LME Series

Model No.	Equivalent factor : K	
	1 ball bushing	2 ball bushings in contact
LME 5	0.669	0.123
LME 8	0.514	0.116
LME 12	0.389	0.090
LME 16	0.343	0.081
LME 20	0.291	0.063
LME 25	0.209	0.052
LME 30	0.167	0.045
LME 40	0.127	0.039
LME 50	0.105	0.031
LME 60	0.093	0.024

Note: The equivalent factor of LMF/K/H and SH Series is equal to that of LM Series.

Application of short stroke

If short stroke is applied, life of a linear ball bushing is shorter than that of a shaft. If short stroke is applied, the basic dynamic load rating required is in proportion to the length factor(K_c), as shown in Figure 4.

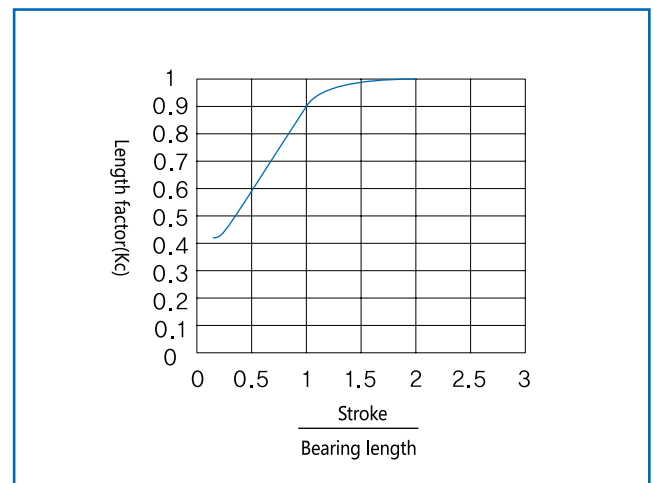
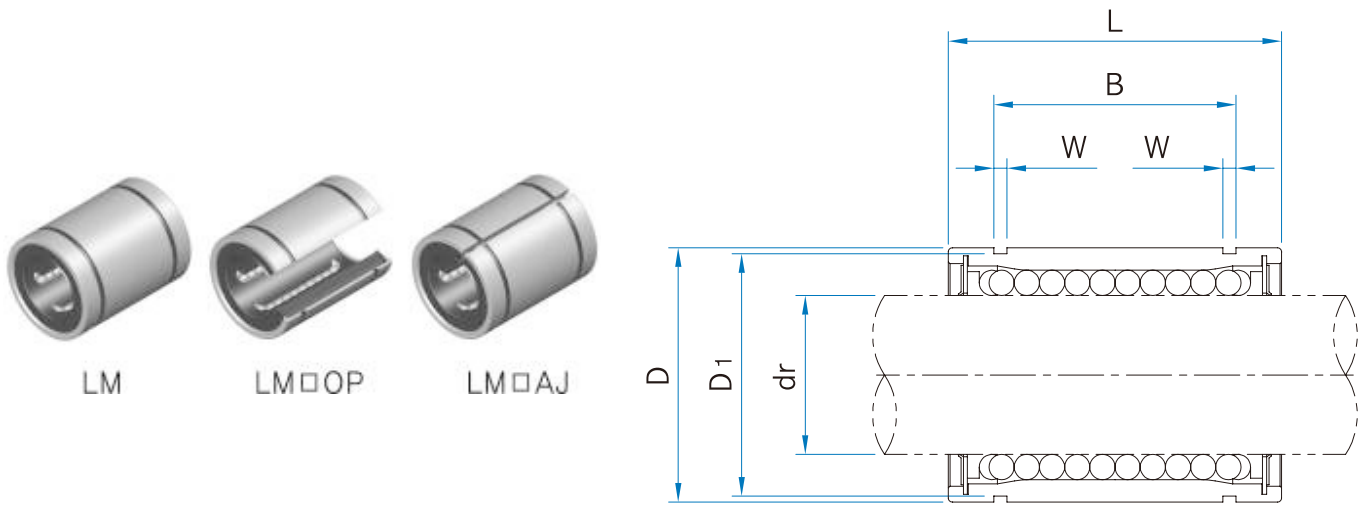


Figure 4. Length factor(K_c)

LM Series



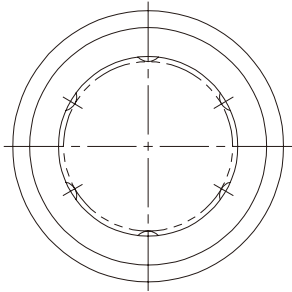
Unit : mm

LM Series						Basic Load Ratings		Working Bore Diameter	
Standard type		Open type(OP)		Adjustable type(AJ)		Dyn C (N)	Stat. Co (N)		
Part No.	No. of Ball circuit	Part No.	No. of Ball circuit	Part No.	No. of Ball circuit			dr (mm)	Tol. (μm)
LM4UU	4	—	—	—	—	88	127	4	0 -8
LM5UU	4	—	—	—	—	167	206	5	0 -8
LM6UU	4	—	—	LM6UUAJ	4	206	265	6	0 -9
LM8SUU	4	—	—	LM8SUUAJ	4	176	216	8	
LM8UU	4	—	—	LM8UUAJ	4	274	392	8	
LM10UU	4	—	—	LM10UUAJ	4	372	549	10	
LM12UU	4	LM12UUOP	3	LM12UUAJ	4	510	784	12	
LM13UU	4	LM13UUOP	3	LM13UUAJ	4	510	784	13	
LM16UU	5	LM16UUOP	4	LM16UUAJ	5	774	1180	16	0 -10
LM20UU	5	LM20UUOP	4	LM20UUAJ	5	882	1370	20	
LM25UU	6	LM25UUOP	5	LM25UUAJ	6	980	1570	25	
LM30UU	6	LM30UUOP	5	LM30UUAJ	6	1570	2740	30	
LM35UU	6	LM35UUOP	5	LM35UUAJ	6	2160	3140	35	0 -12
LM40UU	6	LM40UUOP	5	LM40UUAJ	6	3820	4020	40	
LM50UU	6	LM50UUOP	5	LM50UUAJ	6	3820	7400	50	
LM60UU	6	LM60UUOP	5	LM60UUAJ	6	4700	10000	60	0 -15

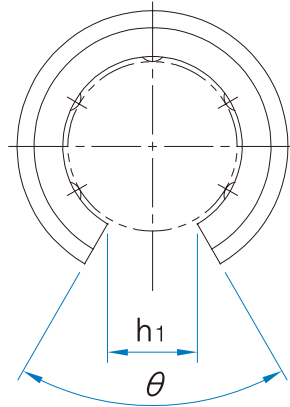
Note) Plating and Raydent treatment are available

1N ≒ 0.102kgf

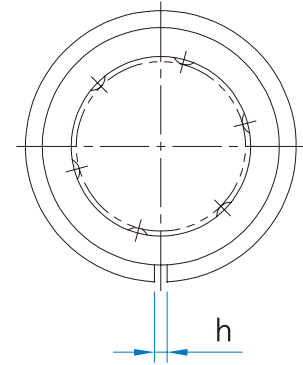
LM Series



LM



LM□OP



LM□AJ

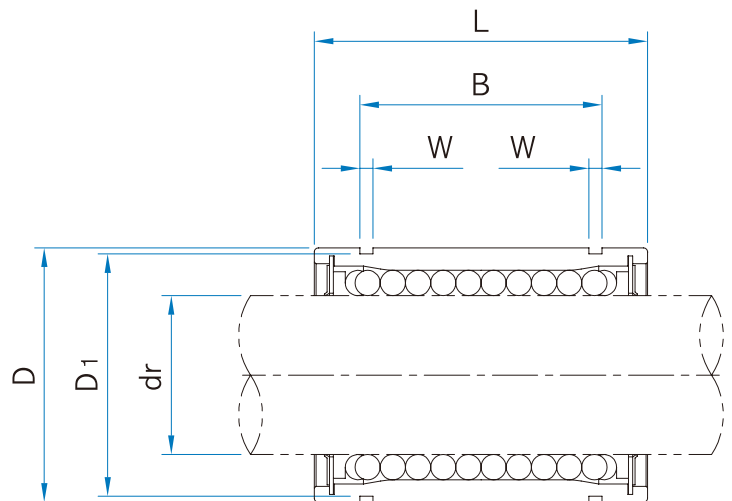
Unit : mm

Dimensions (mm)											Weight ※ (g)	Allowable Diametral Clearance (μ m)	Part No.
D (mm)	Tol. (μ m)	L (mm)	Tol. (mm)	B (mm)	Tol. (mm)	W	D ₁	h	h ₁	θ (°)			
8	$\begin{smallmatrix} 0 \\ -9 \end{smallmatrix}$	12	$\begin{smallmatrix} 0 \\ -0.12 \end{smallmatrix}$	—	—	—	—	—	—	—	2	-3	LM4UU
10	$\begin{smallmatrix} 0 \\ -9 \end{smallmatrix}$	15	$\begin{smallmatrix} 0 \\ -0.12 \end{smallmatrix}$	10.2	$\begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$	1.1	9.6	—	—	—	4	-3	LM5UU
12	$\begin{smallmatrix} 0 \\ -11 \end{smallmatrix}$	19	$\begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$	13.5		1.1	11.5	1	—	—	8.5	-3	LM6UU
15		17		11.5		1.1	14.3	1	—	—	11	-3	LM8SUU
15		24		17.5		1.1	14.3	1	—	—	17	-3	LM8UU
19	$\begin{smallmatrix} 0 \\ -13 \end{smallmatrix}$	29		22		1.3	18	1	6.8	80°	36	-4	LM10UU
21		30		23	$\begin{smallmatrix} 0 \\ -0.4 \end{smallmatrix}$	1.3	20	1.5	8	80°	42	-4	LM12UU
23		32		23		1.3	22	1.5	9	80°	49	-4	LM13UU
28		37		26.5		1.6	27	1.5	11	80°	76	-6	LM16UU
32	$\begin{smallmatrix} 0 \\ -16 \end{smallmatrix}$	42	$\begin{smallmatrix} 0 \\ -0.3 \end{smallmatrix}$	30.5	$\begin{smallmatrix} 0 \\ -0.4 \end{smallmatrix}$	1.6	30.5	1.5	11	60°	100	-6	LM20UU
40		59		41		1.85	38	2	12	50°	240	-6	LM25UU
45		64		44.5		1.85	43	2.5	15	50°	270	-8	LM30UU
52	$\begin{smallmatrix} 0 \\ -19 \end{smallmatrix}$	70		49.5		2.1	49	2.5	17	50°	425	-8	LM35UU
60		80		60.5		2.1	57	3	20	50°	654	-10	LM40UU
80		100		74	$\begin{smallmatrix} 0 \\ -22 \end{smallmatrix}$	2.6	76.5	3	25	50°	1700	-13	LM50UU
90	$\begin{smallmatrix} 0 \\ -22 \end{smallmatrix}$	110		85		3.15	86.5	3	30	50°	2000	-13	LM60UU

※ Based on Standard type

1N $\approx$ 0.102kgf

LME Series



Unit : mm

LM Series						Basic Load Ratings		Working Bore Diameter	
Standard type		Open type(OP)		Adjustable type(AJ)		Dyn C (N)	Stat. Co (N)	dr (mm)	Tol. (μm)
Part No.	No.of Ball circuit	Part No.	No.of Ball circuit	Part No.	No.of Ball circuit				
LME5UU	4	—	—	LME5UUAJ	4	206	265	5	+8 0
LME8UU	4	—	—	LME8UUAJ	4	265	402	8	
LME12UU	4	LME12UUOP	3	LME12UUAJ	4	510	784	12	
LME16UU	5	LME16UUOP	4	LME16UUAJ	5	578	892	16	+9 -1
LME20UU	5	LME20UUOP	4	LME20UUAJ	5	862	1370	20	
LME25UU	6	LME25UUOP	5	LME25UUAJ	6	980	1570	25	+11 -1
LME30UU	6	LME30UUOP	5	LME30UUAJ	6	1570	2740	30	
LME40UU	6	LME40UUOP	5	LME40UUAJ	6	2160	4020	40	+13 -2
LME50UU	6	LME50UUOP	5	LME50UUAJ	6	3820	7940	50	
LME60UU	6	LME60UUOP	5	LME60UUAJ	6	4700	9800	60	

1N ≡ 0.102kgf

Note) Plating and Raydent treatment are available

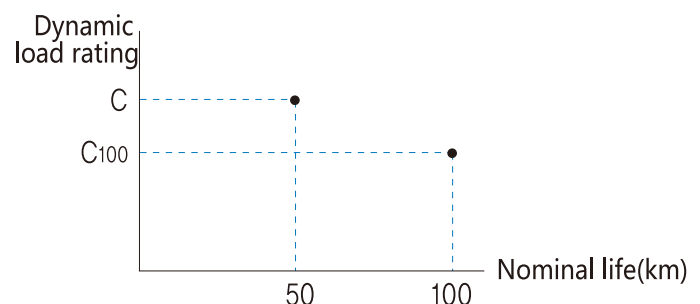
Reference of dynamic load rating

Dynamic load rating is based on the nominal life of 50km.

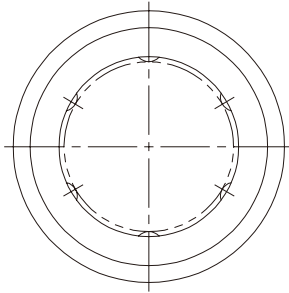
In case of 100km, C on the table needs to be divided by 1.26

ex) LME 20 C : 860 N C₁₀₀ : 682 N

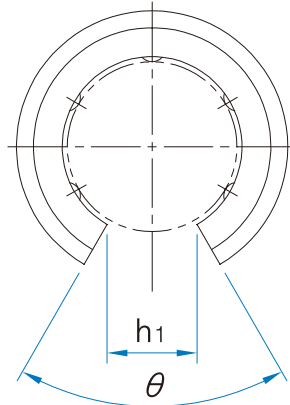
$$L = \left(\frac{C}{P} \right)^3 \times 50 \text{ km}, L = \left(\frac{C_{100}}{P} \right)^3 \times 100 \text{ km},$$



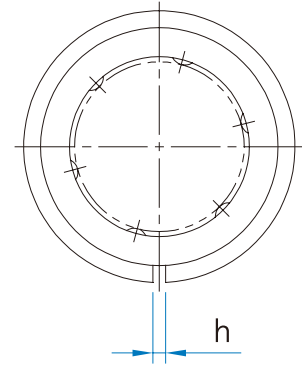
LME Series



LME



LME□OP



LME□AJ

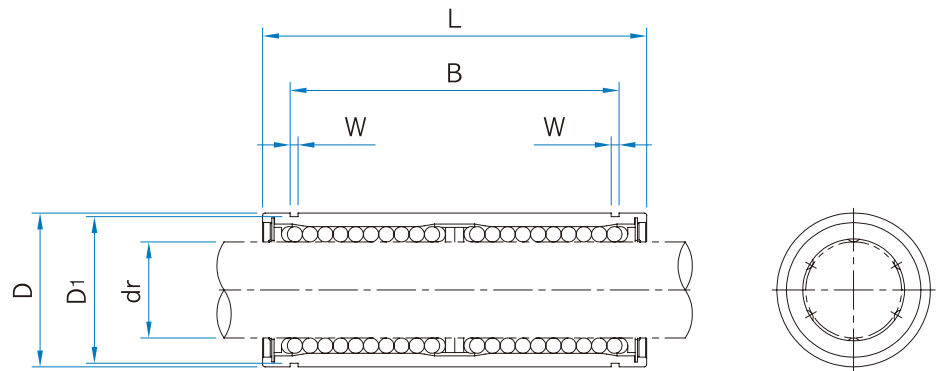
Unit : mm

Dimensions(mm)											Weight ※ (g)	Allowable Diametral Clearance (μ m)	Part No.
D (mm)	Tol. (μ m)	L (mm)	Tol. (mm)	B (mm)	Tol. (mm)	W	D ₁	h	h ₁	θ (°)			
12	0	22	-0.2	14.5	-0.3	1.1	11.5	1	—	—	11	-3	LME5UU
16	-8	25		16.5		1.1	15.2	1	—	—	22	-3	LME8UU
22	0	32		22.9		1.3	21	1.5	7.5	78°	45	-4	LME12UU
26	-9	36		24.9		1.3	24.9	1.5	10	78°	60	-4	LME16UU
32	0 -11	45	-0.3	31.5	-0.4	1.6	30.3	2	10	60°	102	-6	LME20UU
40		58		44.1		1.85	37.5	2	12.5	60°	235	-6	LME25UU
47		68		52.1		1.85	44.5	2	12.5	50°	360	-8	LME30UU
62	0	80		60.6		2.15	59	3	16.8	50°	770	-8	LME40UU
75	-13	100	-0.4	77.6		2.65	72	3	21	50°	1250	-13	LME50UU
90	0 -15	125		101.7		3.15	86.5	3	27.2	54°	2220	-13	LME60UU

※ Based on Standard type

1N $\div$ 0.102kgf

LM□L / LME□L Series



Unit : mm

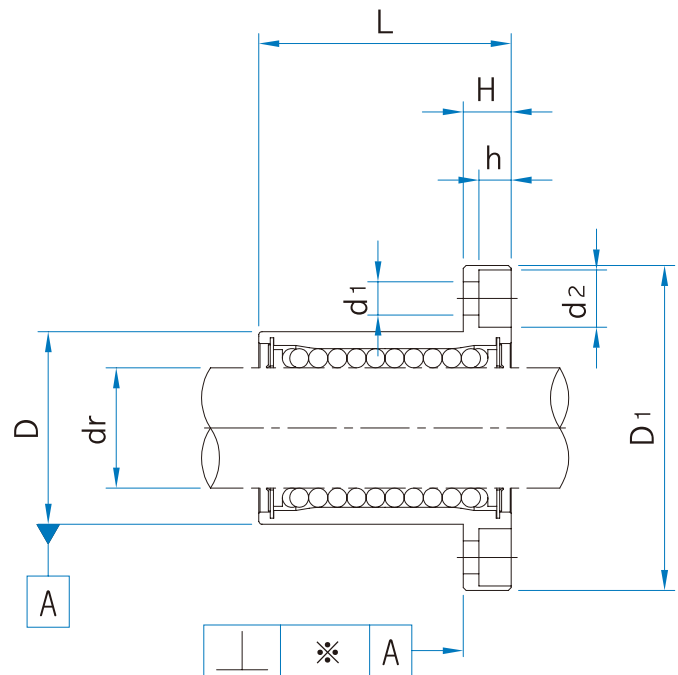
LM□L Series		Working Bore Diameter		Dimensions (mm)								Weight ※ (g)	Basic Load Ratings	
Part No.	No. of Ball circuit			D		L		B		W	D ₁		Dyn. C (N)	Stat. C _o (N)
		dr (mm)	ToI. (μm)	(mm)	ToI. (μm)	(mm)	ToI. (mm)	(mm)	ToI. (mm)					
LM6LUU	4	6	0 -10	12	0	35	0 -0.3	27	0 -0.4	1.1	11.5	16	320	520
LM8LUU	4	8		15	-13	45		35		1.1	14.3	31	431	784
LM10LUU	4	10		19	0 -16	55		44		1.3	18	62	588	1100
LM12LUU	4	12		21		57		46		1.3	20	80	813	1570
LM13LUU	4	13		23		61		46		1.3	22	90	813	1570
LM16LUU	5	16		28		70		53		1.6	27	145	1230	2350
LM20LUU	5	20	0 -12	32	0 -19	80		61		1.6	30.5	180	1400	2740
LM25LUU	6	25		40		112	82	1.85	38	440	1560	3140		
LM30LUU	6	30		45		123	89	1.85	43	480	2490	5490		
LM35LUU	6	35	0 -15	52	0 -22	135	0 -0.4	99	0 -0.5	2.1	49	795	2650	6270
LM40LUU	6	40		60		151		121		2.1	57	1170	3430	8040
LM50LUU	6	50		80		192		148		2.6	76.5	3100	6080	15900
LM60LUU	6	60	0 -20	90	0 -25	209		170		3.15	86.5	3500	7550	20000
LME□L Series														
LME8LUU	4	8	+9	16	0 -9	46	0 -0.3	33	0 -0.4	1.1	15.2	40	421	804
LME12LUU	4	12	-1	22	0	61		45.8		1.3	21	80	813	1570
LME16LUU	5	16	+11	26	-11	68		49.8		1.3	24.9	115	921	1780
LME20LUU	5	20	-1	32	0 -13	80	0 -0.4	61	0 -0.5	1.6	30.5	180	1370	2740
LME25LUU	6	25	+13	40		112		82		1.85	38	430	1570	3140
LME30LUU	6	30	-2	47		123		104.2		1.85	44.5	615	2500	5490
LME40LUU	6	40	+16 -4	62	0	151	0 -0.4	121.2	0 -0.5	2.15	59	1400	3430	8040
LME50LUU	6	50		75	-15	192		155.2		2.65	72	2320	6080	15900
LME60LUU	6	60			90	0 -20		209			170		3.15	86.5

Note) Plating and Raydent treatment are available

1N ≒ 0.102kgf

LMF/K/H Series

Flange•Type



Unit : mm

Part No.			No. of Ball circuit	Weight [※] (g)	Allowable Diametral Clearance (μm)	Basic Load Ratings		Working Bore Diameter	
Circular type	Square type	Oval type				Dyn. C (N)	Stat. Co (N)	dr (mm)	To l. (μm)
LMF6UU	LMK6UU	-	4	24	-3	206	265	6	0 -9
LMF8UU	LMK8UU	-	4	37	-3	274	392	8	
LMF10UU	LMK10UU	LMH10UU	4	72	-4	372	549	10	
LMF12UU	LMK12UU	LMH12UU	4	76	-4	510	784	12	
LMF13UU	LMK13UU	LMH13UU	4	88	-4	510	784	13	
LMF16UU	LMK16UU	LMH16UU	5	120	-6	774	1180	16	0 -10
LMF20UU	LMK20UU	LMH20UU	5	180	-6	882	1370	20	
LMF25UU	LMK25UU	LMH25UU	6	340	-6	980	1570	25	
LMF30UU	LMK30UU	LMH30UU	6	470	-8	1570	2740	30	0 -12
LMF35UU	LMK35UU	-	6	650	-8	1670	3140	35	
LMF40UU	LMK40UU	-	6	1060	-10	2160	4020	40	
LMF50UU	LMK50UU	-	6	2200	-13	3820	7940	50	0 -15
LMF60UU	LMK60UU	-	6	3000	-13	4700	10000	60	

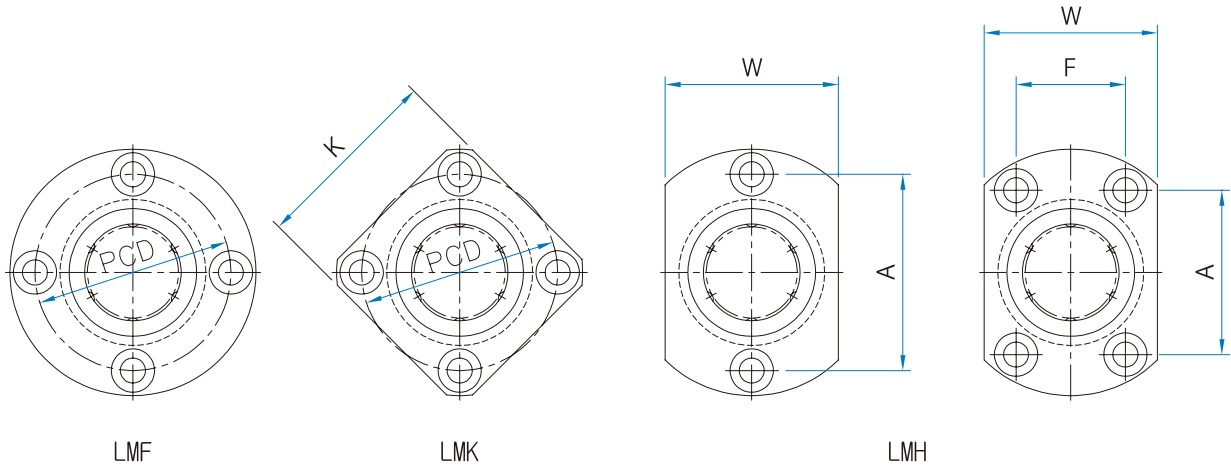
Note) Plating and Raydent treatment are available

* The value of Circular type

1N ≒ 0.102kgf

LMF/K/H Series

Flange•Type



Unit : mm

Dimensions(mm)													Part No.
D (mm)	Tol. (μ m)	L (mm)	Tol. (mm)	D ₁ (mm)	H	PCD	K	W	A	F	Squariness ※ (μ m)	d ₁ x d ₂ x h	
12	0	19	0 -0.2	28	5	20	22	18	20	—	12	3.5x6x3.1	LMF/K/H6UU
15	-11	24		32	5	24	25	21	24	—	12	3.5x6x3.1	LMF/K/H8UU
19	0 -13	29		40	6	29	30	25	29	—	12	4.5x7.5x4.1	LMF/K/H10UU
21		30		42	6	32	32	27	32	—	12	4.5x7.5x4.1	LMF/K/H12UU
23		32		43	6	33	34	29	33	—	12	4.5x7.5x4.1	LMF/K/H13UU
28		37		48	6	38	37	34	31	22	12	4.5x7.5x4.1	LMF/K/H16UU
32	0 -16	42	0 -0.3	54	8	43	42	38	36	24	15	5.5x9x5.1	LMF/K/H20UU
40		59		62	8	51	50	46	40	32	15	5.5x9x5.1	LMF/K/H25UU
45		64		74	10	60	58	51	49	35	15	6.6x11x6.1	LMF/K/H30UU
52		70		82	10	67	64	-	-	-	20	6.6x11x6.1	LMF/K/H35UU
60	0	80		96	13	78	75	-	-	-	20	9x14x8.1	LMF/K/H40UU
80	-19	100		116	13	98	92	-	-	-	20	9x14x8.1	LMF/K/H50UU
90	0 -22	110		134	18	112	106	-	-	-	25	11x17x11.1	LMF/K/H60UU

1N $\div$ 0.102kgf

LMF/K□L Series

Flange•Type



LMF□L



LMK□L

Unit : mm

Part No.		No. of Ball circuit	Weight ※ (g)	Allowable Diametral Clearance (μm)	Basic Load Ratings		Working Bore Diameter	
Circular type	Square type				Dyn. C (N)	Stat. Co (N)	dr (mm)	To l. (μm)
LMF6LUU	LMK6LUU	4	31	-3	323	529	6	0 -10
LMF8LUU	LMK8LUU	4	51	-3	431	784	8	
LMF10LUU	LMK10LUU	4	98	-4	588	1100	10	
LMF12LUU	LMK12LUU	4	110	-4	813	1570	12	
LMF13LUU	LMK13LUU	4	130	-4	813	1570	13	
LMF16LUU	LMK16LUU	5	190	-6	1230	2350	16	0 -12
LMF20LUU	LMK20LUU	5	260	-6	1400	2740	20	
LMF25LUU	LMK25LUU	6	540	-6	1560	3140	25	
LMF30LUU	LMK30LUU	6	680	-8	2490	5490	30	0 -15
LMF35LUU	LMK35LUU	6	1020	-8	2650	6270	35	
LMF40LUU	LMK40LUU	6	1570	-10	3430	8040	40	
LMF50LUU	LMK50LUU	6	3600	-13	6080	15900	50	0 -20
LMF60LUU	LMK60LUU	6	4500	-13	7550	20000	60	

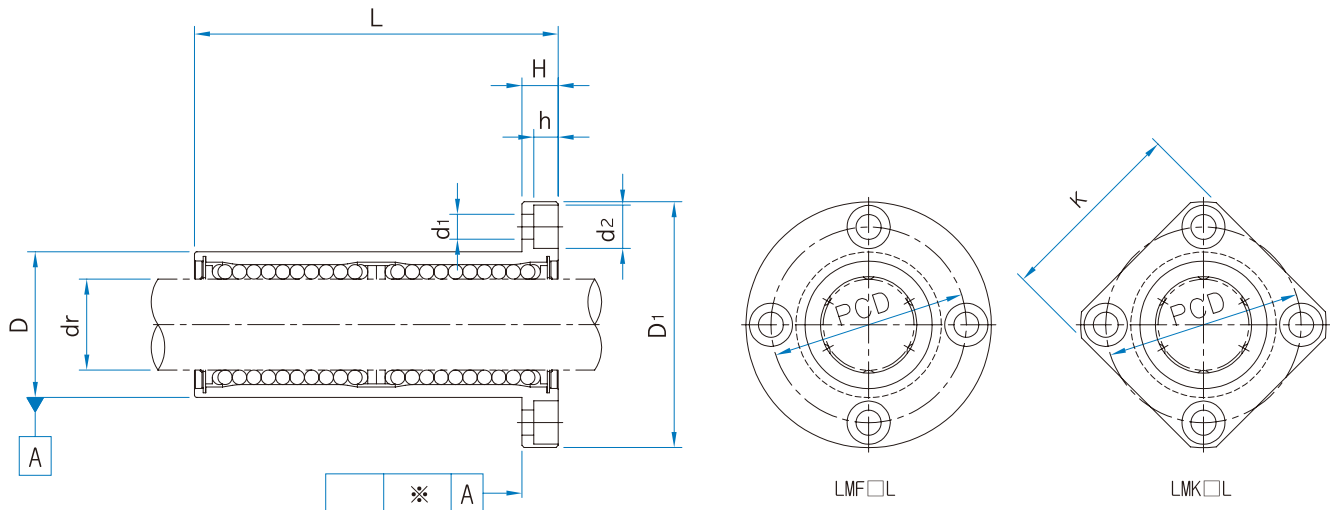
Note) Plating and Raydent treatment are available

* The value of Circular type

1N ≒ 0.102kgf

LMF/K□L Series

Flange•Type

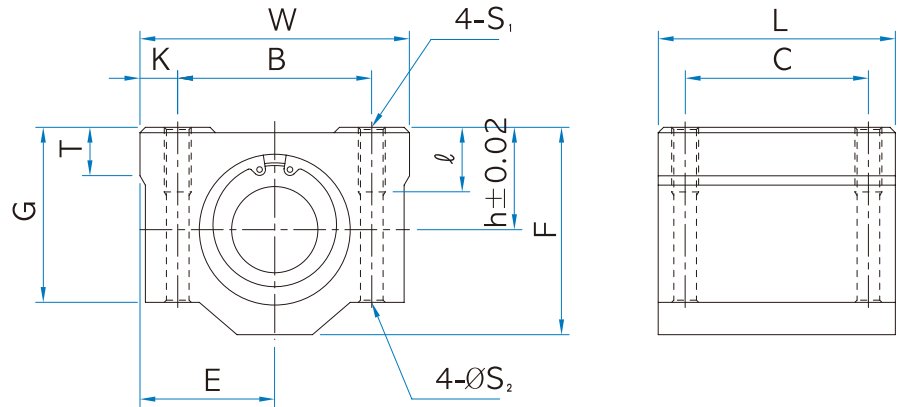


Unit : mm

Dimensions(mm)										
D (mm)	Tol. (μm)	L (mm)	Tol. (mm)	D ₁ (mm)	H	PCD	K	Squar eness * (μm)	d ₁ x d ₂ x h	Part No.
12	0	35	-0.3	28	5	20	22	15	3.5x6x3.1	LMF/K6LUU
15	-13	45		32	5	24	25	15	3.5x6x3.1	LMF/K8LUU
19	-16	55		40	6	29	30	15	4.5x7.5x4.1	LMF/K10LUU
21		57		42	6	32	32	15	4.5x7.5x4.1	LMF/K12LUU
23		61		43	6	33	34	15	4.5x7.5x4.1	LMF/K13LUU
28		70		48	6	38	37	15	4.5x7.5x4.1	LMF/K16LUU
32	-16	80	-0.4	54	8	43	42	20	5.5x9x5.1	LMF/K20LUU
40		112		62	8	51	50	20	5.5x9x5.1	LMF/K25LUU
45		123		74	10	60	58	20	6.6x11x6.1	LMF/K30LUU
52	-19	135		82	10	67	64	25	6.6x11x6.1	LMF/K35LUU
60		154		96	13	78	75	25	9x14x8.1	LMF/K40LUU
80		192		116	13	98	92	25	9x14x8.1	LMF/K50LUU
90		211		134	18	112	106	25	11x17x11.1	LMF/K60LUU

N ≒ 0.102kgf

SC Type



Unit : mm

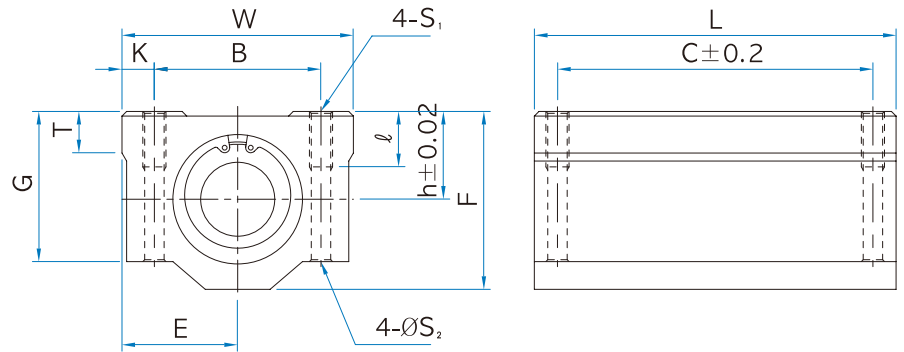
Part No.	Weight (g)	Dimensions							Mounting Dimensions					Shaft d	No. ball rows	Basic Load Ratings	
		h	E	W	L	F	G	T	B	C	K	S ₁	S ₂			dyn C (N)	stat. C ₀ (N)
SC 8UU	52	11	17	34	30	22	18	6	24	18	5	M4	3.4	8	4	260	400
SC 10UU	92	13	20	40	35	26	22	8	28	21	6	M5	4.3	10	4	370	540
SC 12UU	102	15	21	42	36	29	25	8	30.5	26	5.75	M5	4.3	12	4	410	490
SC 13UU	123	15	22	44	39	30	26	8	33	26	5.5	M5	4.3	13	4	500	770
SC 16UU	189	19	25	50	44	38.5	35	9	36	34	7	M5	4.3	16	5	770	1170
SC 20UU	237	21	27	54	50	41	36	11	40	40	7		5.2	20	5	860	1370
SC 25UU	555	26	38	76	67	51.5	41	12	54	50	11	M8	7	25	6	980	1560
SC 30UU	685	30	39	78	72	59.5	49	15	58	58	10	M8	7	30	6	1560	2740
SC 35UU	1100	34	45	90	80	68	54	18	70	60	10	M8	7	35	6	1660	3130
SC 40UU	1600	40	51	102	90	78	62	20	80	60	11	M10	8.7	40	6	2150	4010
SC 50UU	3350	52	61	122	110	102	80	24	100	80	11	M10	8.7	50	6	3820	7930

1N $\approx$ 0.102kgf

Note.1) LM□□UU is in the block.

2) marked as SH□□UU in the side of block

■ SCWN Type



Unit : mm

Part No.	Dimensions							Mounting Dimensions					Shaft d	No. ball rows	Basic Load Ratings	
	h	E	W	L	F	G	T	B	C	K	S ₁	S ₂			dyn C (N)	stat. C ₀ (N)
SCWN 10UU	13	20	40	68	26	22	8	28	46	6	M5	4.3	10	4	588	1100
SCWN 12UU	15	21	42	70	29	25	8	30.5	50	5.75	M5	4.3	12	4	813	1570
SCWN 13UU	15	22	44	75	30	26	8	33	50	5.5	M5	4.3	13	4	813	1570
SCWN 16UU	19	25	50	85	38.5	35	9	36	60	7	M5	4.3	16	5	1230	2350
SCWN 20UU	21	27	54	96	41	36	11	40	70	7	M6	5.2	20	5	1400	2740
SCWN 25UU	26	38	76	130	51.5	41	12	54	100	11	M8	7	25	6	1560	3140
SCWN 30UU	30	39	78	140	59.5	49	15	58	110	10	M8	7	30	6	2490	5490
SCWN 35UU	34	45	90	155	68	54	18	70	120	10	M8	7	35	6	2650	6270
SCWN 40UU	40	51	102	175	78	62	20	80	140	11	M10	8.7	40	6	3430	8040
SCWN 50UU	50	61	122	215	102	80	24	100	160	11	M10	8.7	50	6	6080	15900

1N ≒ 0.102kgf

Note.1) 2pcs of LM□□UU are in the block.

2) marked as SHW□□UU in the side of block.