

专注精密传动部件

直线轴承 Linear Bearing



▶ SDM-UU/SDM-AJ-UU/SDM-OP-UU



SDM-UU
Standard type

SDM-AJ-UU
Adjustable type

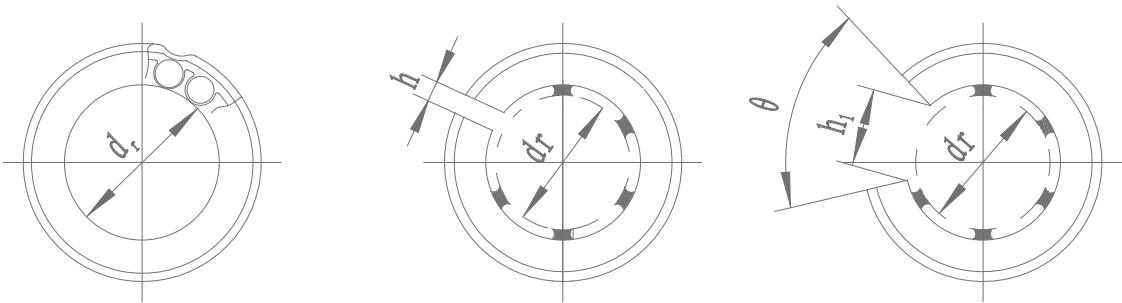
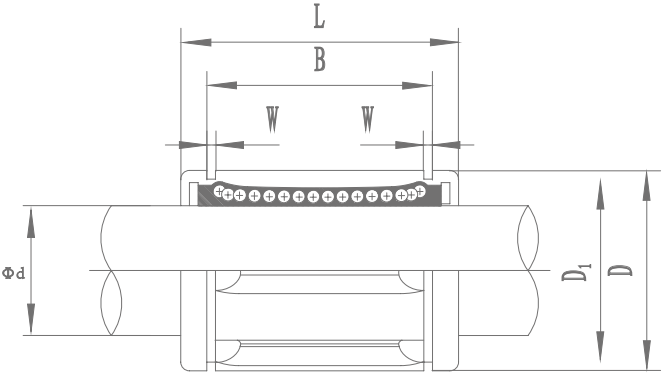
SDM-OP-UU
Open type

型号说明
Model Specification

SDM	AJ	OP	UU
钢保直线	调隙	大开口	密封
Item	Adjustment	Open	Seals

Nominal shaft diameter (Inch/mm)	Part Number									dr		
	SDM	Ball circuit	weight(g)	SDM-AJ	ball circuit	weight(g)	SDM-OP	Ball circuit	weight(g)	mm	Tolerance(μm)	
											Precision	High
6	SDM6-UU	4	8.5	-	-	-	-	-	-	6	0-6	0-9
8	SDM8S-UU	4	11	-	-	-	-	-	-	8	0-6	0-9
8	SDM8-UU	4	17	-	-	-	-	-	-	8	0-6	0-9
10	SDM10-UU	4	36	-	-	-	-	-	-	10	0-6	0-9
12	SDM12-UU	4	42	SDM12-AJ-UU	4	41	SDM12-OP-UU	3	32	12	0-6	0-9
13	SDM13-UU	4	49	SDM13-AJ-UU	4	48	SDM13-OP-UU	3	37	13	0-6	0-9
16	SDM16-UU	4	76	SDM16-AJ-UU	4	75	SDM16-OP-UU	3	58	16	0-6	0-9
20	SDM20-UU	5	100	SDM20-AJ-UU	5	98	SDM20-OP-UU	4	79	20	0-7	0-10
25	SDM25-UU	6	240	SDM25-AJ-UU	6	237	SDM25-OP-UU	5	203	25	0-7	0-10
30	SDM30-UU	6	270	SDM30-AJ-UU	6	262	SDM30-OP-UU	5	228	30	0-7	0-10
35	SDM35-UU	6	425	SDM35-AJ-UU	6	420	SDM35-OP-UU	5	355	35	0-8	0-12
40	SDM40-UU	6	654	SDM40-AJ-UU	6	640	SDM40-OP-UU	5	546	40	0-8	0-12
50	SDM50-UU	6	1,700	SDM50-AJ-UU	6	1,680	SDM50-OP-UU	5	1,420	50	0-8	0-12
60	SDM60-UU	6	2,000	SDM60-AJ-UU	6	1,980	SDM60-OP-UU	5	1,650	60	0-9	0-15
80	SDM80-UU	6	4,520	SDM80-AJ-UU	6	4,400	SDM80-OP-UU	5	3,750	80	0-9	0-15
100	SDM100-UU	6	8,600	SDM100-AJ-UU	6	8,540	SDM100-OP-UU	5	7,200	100	0-10	0-20
120	SDM120-UU	8	15,000	SDM120-AJ-UU	8	14,900	SDM120-OP-UU	6	11,600	120	0-10	0-20
150	SDM150-UU	8	20,250	SDM150-AJ-UU	8	20,150	SDM150-OP-UU	6	15,700	150	0-13	0-25

▶ SDM-UU/SDM-AJ-UU/SDM-OP-UU



Major dimensions and tolerance											Eccentricity		Radial clearance(Max) μm	Basic load rating		Nominal shaft diameter (mm)
D		L		B		W	D1	h	h1	θ				Tolerance (μm)	High (μm)	
mm	Tolerance (μm)	mm	Tolerance (μm)	mm	Tolerance (μm)	mm	mm	mm	mm							
12	0-11	19	0-200	13.5	0-200	1.1	11.5	-	-	-	8	12	-3	206	265	6
15	0-11	17	0-200	11.5	0-200	1.1	14.3	-	-	-	8	12	-3	176	216	8
15	0-11	24	0-200	17.5	0-200	1.1	14.3	-	-	-	8	12	-3	274	392	8
19	0-13	29	0-200	22	0-200	1.3	18	-	-	-	8	12	-4	372	549	10
21	0-13	30	0-200	23	0-200	1.3	20	1.5	8	80°	8	12	-4	510	784	12
23	0-13	32	0-200	23	0-200	1.3	22	1.5	9	80°	8	12	-4	510	784	13
28	0-13	37	0-200	26.5	0-200	1.6	27	1.5	11	80°	8	12	-6	774	1,180	16
32	0-16	42	0-200	30.5	0-200	1.6	30.5	1.5	11	60°	10	15	-6	882	1,370	20
40	0-16	59	0-300	41	0-300	1.85	38	2	12	50°	10	15	-6	980	1,570	25
45	0-16	64	0-300	44.5	0-300	1.85	43	2.5	15	50°	10	15	-8	1,570	2,740	30
52	0-19	70	0-300	49.5	0-300	2.1	49	2.5	17	50°	12	20	-8	1,670	3,140	35
60	0-19	80	0-300	60.5	0-300	2.1	57	3	20	50°	12	20	-10	2,160	4,020	40
80	0-19	100	0-300	74	0-300	2.6	76.5	3	25	50°	12	20	-13	3,820	7,940	50
90	0-22	110	0-300	85	0-300	3.15	86.5	3	30	50°	17	25	-13	4,700	10,000	60
120	0-22	140	0-400	105.5	0-400	4.15	116	3	40	50°	17	25	-20	7,350	16,000	80
150	0-25	175	0-400	125.5	0-400	4.15	145	3	50	50°	20	30	-20	14,100	34,800	100
180	0-25	200	0-400	158.6	0-400	4.15	175	3	85	80°	20	30	-25	16,400	40,000	120
210	0-29	240	0-400	170.6	0-400	5.15	204	3	105	80°	25	40	-25	21,100	54,300	150

直线轴承

直线轴承

► SDE-UU/SDE-AJ-UU/SDE-OP-UU

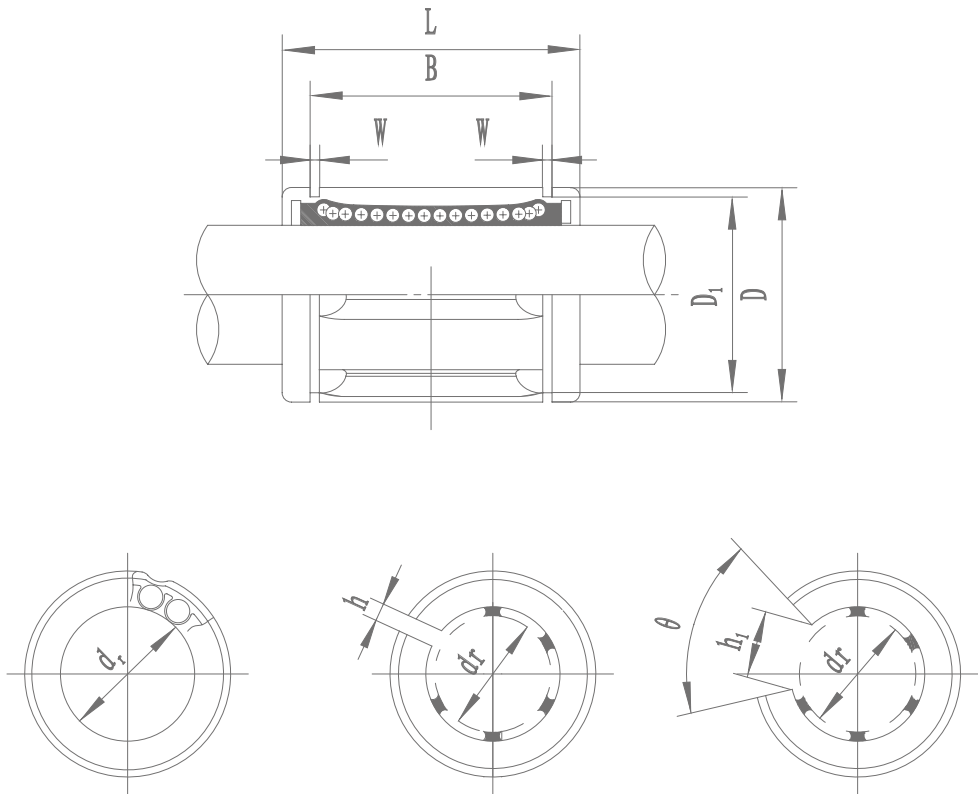


型号说明
Model Specification

SDE	AJ	OP	UU
钢保直线 Item	调隙 Adjustment	大开口 Open	密封 Seals

Nominal shaft diameter (Inch/mm)	Part Number									dr		
	SDE	Ball circuit	weight(g)	SDE-AJ	ball circuit	weight(g)	SDE-OP	Ball circuit	weight(g)	mm	Tolerance(μm)	
											Precision	High
5	SDE5-UU	4	11	-	-	-	-	-	-	5	-	+8 0
8	SDE8-UU	4	22	-	-	-	-	-	-	8	-	+8 0
10	SDE10-UU	4	36	-	-	-	-	-	-	10	-	+8 0
12	SDE12-UU	4	45	SDE12-AJ-UU	4	44	SDE12-OP-UU	3	35	12	-	+8 0
16	SDE16-UU	4	60	SDE16-AJ-UU	4	59	SDE16-OP-UU	3	48	16	-	+9 1
20	SDE20-UU	5	102	SDE20-AJ-UU	5	100	SDE20-OP-UU	4	84	20	-	+9 1
25	SDE25-UU	6	235	SDE25-AJ-UU	6	230	SDE25-OP-UU	5	195	25	-	+11 -1
30	SDE30-UU	6	360	SDE30-AJ-UU	6	355	SDE30-OP-UU	5	309	30	-	+11 -1
40	SDE40-UU	6	770	SDE40-AJ-UU	6	758	SDE40-OP-UU	5	665	40	-	+13 -2
50	SDE50-UU	6	1,250	SDE50-AJ-UU	6	1,230	SDE50-OP-UU	5	1,080	50	-	+13 -2
60	SDE60-UU	6	2,220	SDE60-AJ-UU	6	2,170	SDE60-OP-UU	5	1,900	60	-	+13 -2
80	SDE80-UU	6	5,140	SDE80-AJ-UU	6	5,000	SDE80-OP-UU	5	4,380	80	-	+16 -4

► SDE-UU/SDE-AJ-UU/SDE-OP-UU



Major dimensions and tolerance											Eccentricity (μm)	Radial clearance(Max) μm	Basic load rating		Nominal shaft diameter (mm)
D		L		B		W	D1	h	h1	θ			dynamic (CN)	static (Co N)	
mm	Tolerance (μm)	mm	Tolerance (μm)	mm	Tolerance (μm)	mm	mm	mm	mm						
12	0 -8	22	0 -200	14.5	0 -200	1.1	11.5	-	-	-	12	-3	206	265	5
16	0 -8	25	0 -200	16.5	0 -200	1.1	15.2	-	-	-	12	-3	265	402	8
19	0 -9	29	0 -200	22	0 -200	1.3	18	-	-	-	12	-4	372	549	10
22	0 -9	32	0 -200	22.9	0 -200	1.3	21	1.5	7.5	78°	12	-4	510	784	12
26	0 -9	36	0 -200	24.9	0 -200	1.3	24.9	1.5	10	78°	12	-4	578	892	16
32	0 -11	45	0 -200	31.5	0 -200	1.6	30.3	2	10	60°	15	-6	862	1,370	20
40	0 -11	58	0 -300	44.1	0 -300	1.85	37.5	2	12.5	60°	15	-6	980	1,570	25
47	0 -11	68	0 -300	52.1	0 -300	1.85	44.5	2	12.5	50°	15	-8	1,570	2,740	30
62	0 -13	80	0 -300	60.6	0 -300	2.15	59	3	16.8	50°	17	-8	2,160	4,020	40
75	0 -13	100	0 -300	77.6	0 -300	2.65	72	3	21	50°	17	-13	3,820	7,940	50
90	0 -15	125	0 -400	101.7	0 -400	3.15	86.5	3	27.2	54°	20	-13	4,700	9,800	60
120	0 -15	165	0 -400	133.7	0 -400	4.15	116	3	36.3	54°	20	-20	7,350	16,000	80

▶ LM-UU/LM-AJ-UU/LM-OP-UU



LM-UU
Standard type

LM-AJ-UU
Adjustable type

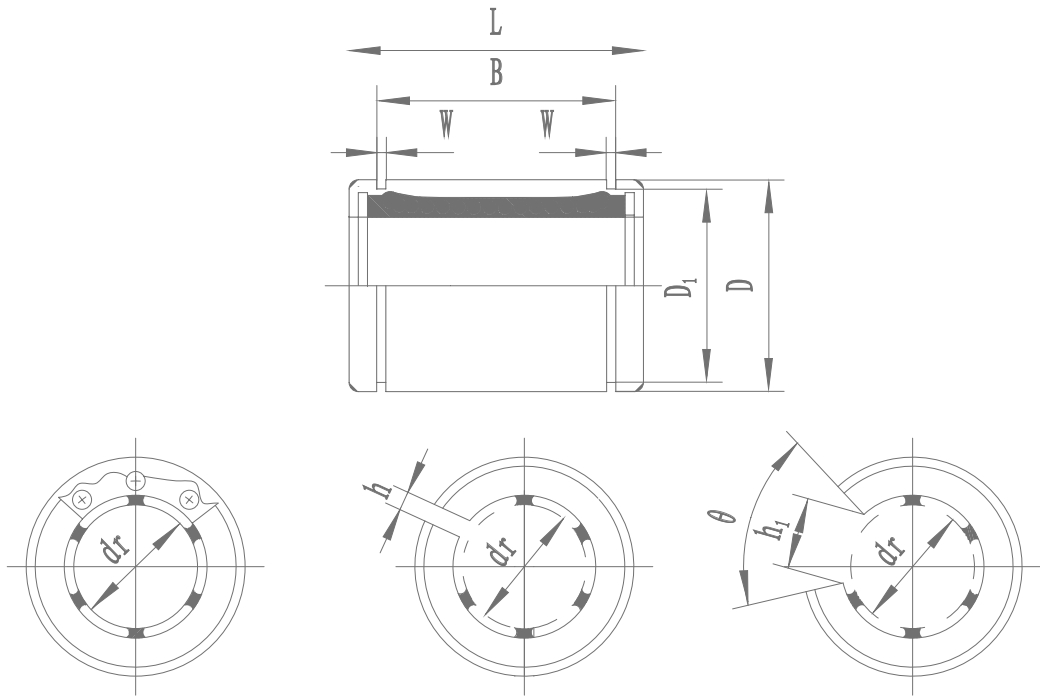
LM-OP-UU
Open type

型号说明
Model Specification

LM	AJ	OP	UU
直线轴承	调隙	大开口	密封
Item	Adjustment	Open	Seals

Nominal shaft diameter (Inch/mm)	Part Number									dr		
	LM	Ball circuit	weight(g)	LM-AJ	ball circuit	weight(g)	LM-OP	Ball circuit	weight(g)	mm	Tolerance(μm)	
											Precision	High
3	LM3-UU	4	1.35	-	-	-	-	-	-	3	0-5	0-8
4	LM4-UU	4	1.9	-	-	-	-	-	-	4	0-5	0-8
5	LM5-UU	4	4	-	-	-	-	-	-	5	0-5	0-8
6	LM6-UU	4	7.6	-	-	-	-	-	-	6	0-6	0-9
8	LM8S-UU	4	10.4	-	-	-	-	-	-	8	0-6	0-9
8	LM8-UU	4	15	-	-	-	-	-	-	8	0-6	0-9
10	LM10-UU	4	29.5	LM10-AJ-UU	4	29	LM10-OP-UU	3	23	10	0-6	0-9
12	LM12-UU	4	31.5	LM12-AJ-UU	4	31	LM12-OP-UU	3	25	12	0-6	0-9
13	LM13-UU	4	43	LM13-AJ-UU	4	42	LM13-OP-UU	3	34	13	0-6	0-9
16	LM16-UU	4	69	LM16-AJ-UU	4	68	LM16-OP-UU	3	52	16	0-6	0-9
20	LM20-UU	5	87	LM20-AJ-UU	5	85	LM20-OP-UU	4	69	20	0-7	0-10
25	LM25-UU	6	220	LM25-AJ-UU	6	216	LM25-OP-UU	5	188	25	0-7	0-10
30	LM30-UU	6	250	LM30-AJ-UU	6	245	LM30-OP-UU	5	210	30	0-7	0-10
35	LM35-UU	6	390	LM35-AJ-UU	6	384	LM35-OP-UU	5	335	35	0-8	0-12
40	LM40-UU	6	585	LM40-AJ-UU	6	579	LM40-OP-UU	5	500	40	0-8	0-12
50	LM50-UU	6	1,580	LM50-AJ-UU	6	1,560	LM50-OP-UU	5	1,340	50	0-8	0-12
60	LM60-UU	6	1,860	LM60-AJ-UU	6	1,820	LM60-OP-UU	5	1,610	60	0-9	0-15
80	LM80-UU	6	4,420	LM80-AJ-UU	6	4,300	LM80-OP-UU	5	3,650	80	0-9	0-15
100	LM100-UU	6	8,600	LM100-AJ-UU	6	8,540	LM100-OP-UU	5	7,200	100	0-10	0-20
120	LM120-UU	8	15,000	LM120-AJ-UU	8	14,900	LM120-OP-UU	6	11,600	120	0-10	0-20
150	LM150-UU	8	20,250	LM150-AJ-UU	8	20,150	LM150-OP-UU	6	15,700	150	0-13	0-25

▶ LM-UU/LM-AJ-UU/LM-OP-UU



Major dimensions and tolerance											Eccentricity		Radial clearance(Max) μm	Basic load rating		Nominal shaft diameter (mm)
D		L		B		W	D1	h	h1	θ	Precision (μm)	High(μm)		dynamic (CN)	static (Co N)	
mm	Tolerance (μm)	mm	Tolerance (μm)	mm	Tolerance (μm)	mm	mm	mm	mm							
7	0-9	10	0-120	-	-	-	-	-	-	-	4	8	-3	69	105	3
8	0-9	12	0-120	-	-	-	-	-	-	-	4	8	-3	88	127	4
10	0-9	15	0-120	10.2	0-200	1.1	9.6	-	-	-	4	8	-3	167	206	5
12	0-11	19	0-200	13.5	0-200	1.1	11.5	-	-	-	8	12	-3	206	265	6
15	0-11	17	0-200	11.5	0-200	1.1	14.3	-	-	-	8	12	-3	176	216	8
15	0-11	24	0-200	17.5	0-200	1.1	14.3	-	-	-	8	12	-3	274	392	8
19	0-13	29	0-200	22	0-200	1.3	18	1	6.8	80°	8	12	-4	372	549	10
21	0-13	30	0-200	23	0-200	1.3	20	1.5	8	80°	8	12	-4	510	784	12
23	0-13	32	0-200	23	0-200	1.3	22	1.5	9	80°	8	12	-4	510	784	13
28	0-13	37	0-200	26.5	0-200	1.6	27	1.5	11	80°	8	12	-6	774	1,180	16
32	0-16	42	0-200	30.5	0-200	1.6	30.5	1.5	11	60°	10	15	-6	882	1,370	20
40	0-16	59	0-300	41	0-300	1.85	38	2	12	50°	10	15	-6	980	1,570	25
45	0-16	64	0-300	44.5	0-300	1.85	43	2.5	15	50°	10	15	-8	1,570	2,740	30
52	0-19	70	0-300	49.5	0-300	2.1	49	2.5	17	50°	12	20	-8	1,670	3,140	35
60	0-19	80	0-300	60.5	0-300	2.1	57	3	20	50°	12	20	-10	2,160	4,020	40
80	0-19	100	0-300	74	0-300	2.6	76.5	3	25	50°	12	20	-13	3,820	7,940	50
90	0-22	110	0-300	85	0-300	3.15	86.5	3	30	50°	17	25	-13	4,700	10,000	60
120	0-22	140	0-400	105.5	0-400	4.15	116	3	40	50°	17	25	-20	7,350	16,000	80
150	0-25	175	0-400	125.5	0-400	4.15	145	3	50	50°	20	30	-20	14,100	34,800	100
180	0-25	200	0-400	158.5	0-400	4.15	175	3	85	80°	20	30	-25	16,400	40,000	120
210	0-29	240	0-400	170.6	0-400	5.15	204	3	105	80°	25	40	-25	21,100	54,300	150

► LME-UU/LME-AJ-UU/LME-OP-UU



LME-UU
Standard type

LME-AJ-UU
Adjustable type

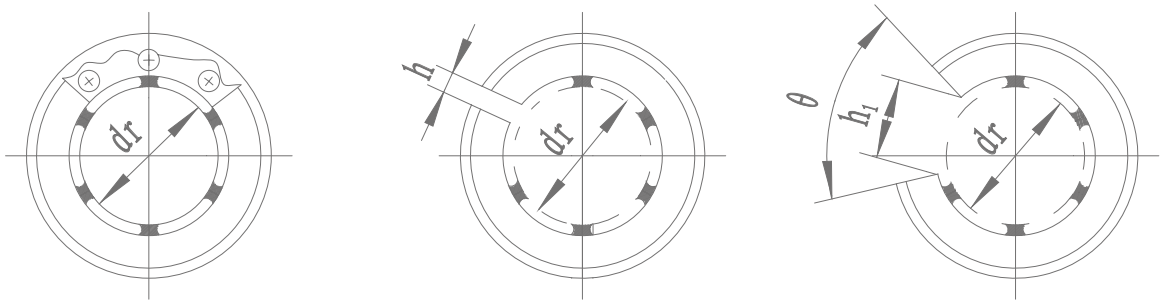
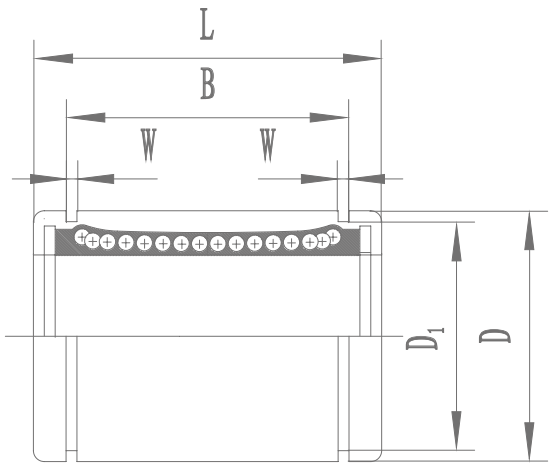
LME-OP-UU
Open type

型号说明
Model Specification

LME	AJ	OP	UU
欧标轴承 Item	调隙 Adjustment	大开口 Open	密封 Seals

Nominal shaft diameter (Inch/mm)	型号 Part Number									dr		
	LME	Ball circuit	weight(g)	LME-AJ	ball circuit	weight(g)	LME-OP	Ball circuit	weight(g)	mm	Tolerance(μm)	
											Precision	High
5	LME5-UU	4	11	-	-	-	-	-	-	5	-	+8 0
8	LME8-UU	4	20	-	-	-	-	-	-	8	-	+8 0
10	LME10-UU	4	29.5	LME10-AJ-UU	4	29	LME10-OP-UU	3	23	10	-	+8 0
12	LME12-UU	4	41	LME12-AJ-UU	4	40	LME12-OP-UU	3	32	12	-	+8 0
16	LME16-UU	4	57	LME16-AJ-UU	4	56	LME16-OP-UU	3	44	16	-	+9 -1
20	LME20-UU	5	91	LME20-AJ-UU	5	90	LME20-OP-UU	4	75	20	-	+9 -1
25	LME25-UU	6	215	LME25-AJ-UU	6	212	LME25-OP-UU	5	181	25	-	+11 -1
30	LME30-UU	6	325	LME30-AJ-UU	6	320	LME30-OP-UU	5	272	30	-	+11 -1
40	LME40-UU	6	705	LME40-AJ-UU	6	694	LME40-OP-UU	5	600	40	-	+13 -2
50	LME50-UU	6	1,130	LME50-AJ-UU	6	1,110	LME50-OP-UU	5	970	50	-	+13 -2
60	LME60-UU	6	2,050	LME60-AJ-UU	6	2,000	LME60-OP-UU	5	1,580	60	-	+13 -2
80	LME80-UU	6	5,000	LME80-AJ-UU	6	4,860	LME80-OP-UU	5	4,240	80	-	+16 -4

► LME-UU/LME-AJ-UU/LME-OP-UU



Major dimensions and tolerance											Eccentricity (μm)	Radial clearance(Max) μm	Basic load rating		Nominal shaft diameter (mm)
D		L		B		W	D1	h	h1	θ			dynamic (CN)	static (Co N)	
mm	Tolerance (μm)	mm	Tolerance (μm)	mm	Tolerance (μm)	mm	mm	mm	mm						
12	0 -8	22	0 -200	14.5	0 -200	1.1	11.5	-	-	-	12	-3	206	265	5
16	0 -8	25	0 -200	16.5	0 -200	1.1	15.2	-	-	-	12	-3	265	402	8
19	0 -9	29	0 -200	22	0 -200	1.3	18	1	6.8	80°	12	-4	372	549	10
22	0 -9	32	0 -200	22.9	0 -200	1.3	21	1.5	7.5	78°	12	-4	510	784	12
26	0 -9	36	0 -200	24.9	0 -200	1.3	24.9	1.5	10	78°	12	-4	578	892	16
32	0 -11	45	0 -200	31.5	0 -200	1.6	30.3	2	10	60°	15	-6	862	1,370	20
40	0 -11	58	0 -300	44.1	0 -300	1.85	37.5	2	12.5	60°	15	-6	980	1,570	25
47	0 -11	68	0 -300	52.1	0 -300	1.85	44.5	2	12.5	50°	15	-8	1,570	2,740	30
62	0 -13	80	0 -300	60.6	0 -300	2.15	59	3	16.8	50°	17	-8	2,160	4,020	40
75	0 -13	100	0 -300	77.6	0 -300	2.65	72	3	21	50°	17	-13	3,820	7,940	50
90	0 -15	125	0 -400	101.7	0 -400	3.15	86.5	3	27.2	54°	20	-13	4,700	9,800	60
120	0 -15	165	0 -400	133.7	0 -400	4.15	116	3	36.3	54°	20	-20	7,350	16,000	80

▶ LMB-UU/LMB-AJ-UU/LMB-OP-UU



LMB-UU
Standard type



LMB-AJ-UU
Adjustable type



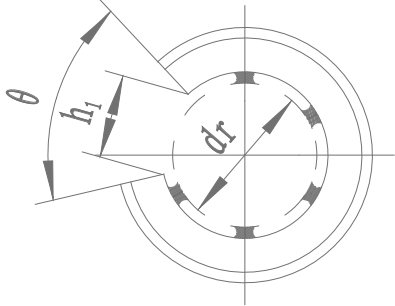
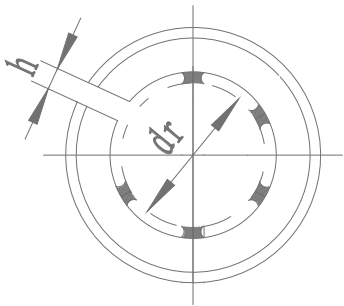
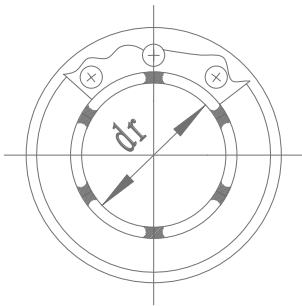
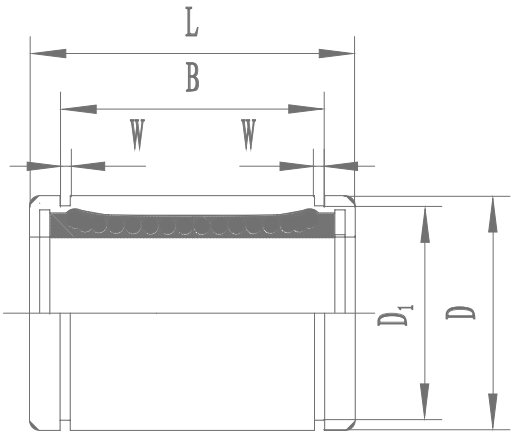
LMB-OP-UU
Open type

型号说明
Model Specification

LMB	AJ	OP	UU
英制轴承 Item	调隙 Adjustment	大开口 Open	密封 Seals

Nominal shaft diameter (Inch/mm)	型号 Part Number									dr		
	LMB	Ball circuit	weight (g)	LMB-AJ	Ball circuit	weight (g)	LMB-OP	Ball circuit	weight (g)	mm	Tolerance(μm)	
											Precision	18
1/4 6.350	LMB4-UU	4	8.0	LMB4-AJ-UU	4	7.5	-	-	-	.2500 6.350	0-.00025 0 -6	0-.00040 0 -9
3/8 9.525	LMB6-UU	4	14	LMB6-AJ-UU	4	13.5	-	-	-	.3750 9.525	0-.00025 0 -6	0-.00040 0 -9
1/2 12.700	LMB8-UU	4	37	LMB8-AJ-UU	4	36.5	LMB8-OP-UU	3	28	.5000 12.700	0-.00025 0 -6	0-.00040 0 -9
5/8 15.875	LMB10-UU	4	76	LMB10-AJ-UU	4	74	LMB10-OP-UU	3	57	.6250 15.875	0-.00025 0 -6	0-.00040 0 -9
3/4 19.050	LMB12-UU	5	95	LMB12-AJ-UU	5	93	LMB12-OP-UU	4	76	.7500 19.050	-0-.00030 0 -7	0-.00040 0 -10
1 25.400	LMB16-UU	6	200	LMB16-AJ-UU	6	198	LMB16-OP-UU	5	170	1.0000 25.400	-0-.00030 0 -7	0-.00040 0 -10
1-1/4 31.750	LMB20-UU	6	440	LMB20-AJ-UU	6	430	LMB20-OP-UU	5	370	1.2500 31.750	-0-.00035 0 -8	0-.00050 0 -12
1-1/2 38.100	LMB24-UU	6	670	LMB24-AJ-UU	6	660	LMB24-OP-UU	5	570	1.5000 38.100	-0-.00035 0 -8	0-.00050 0 -12
2 50.800	LMB32-UU	6	1,140	LMB32-AJ-UU	6	1,120	LMB32-OP-UU	5	980	2.0000 50.800	-0-.00035 0 -8	0-.00050 0 -12

▶ LMB-UU/LMB-AJ-UU/LMB-OP-UU



Major dimensions and tolerance											Eccentricity		Radial clearance(Max) Inch/ μm	Basic load rating		Nominal shaft diameter (mm)
D		L		B		W	D1	h	h1	θ	Precision (μm)	High (μm)		dynamic (CN)	static (Co N)	
inch mm	Tolerance (μm)	inch mm	Tolerance (μm)	inch mm	Tolerance (μm)	Inch mm	Inch mm	Inch mm	Inch mm							
.5000 12.700	0 -0.0045 0 -11	.7500 19.050	0 -0.008 0 -200	.5110 12.98	0 -0.008 0 -200	.0390 0.992	.4687 11.906	.04 1	-	-	.0003 8	.0005 12	-0.0001 -3	206	265	1/4 6.350
.5520 15.875	0 -0.0050 0 -13	.8750 22.225	0 -0.008 0 -200	.6358 16.15	0 -0.008 0 -200	.0390 0.992	.5880 14.935	.04 1	-	-	.0003 8	.0005 12	-0.0001 -3	225	314	3/8 9.525
.8750 22.225	0 -0.0050 0 -13	1.2500 31.750	0 -0.008 0 -200	.9625 24.46	0 -0.008 0 -200	.0459 1.168	.8209 20.853	.06 1.5	.34 7.9375	80°	.0003 8	.0005 12	-0.0001 -4	510	784	1/2 12.700
1.1250 28.575	0 -0.0050 0 -13	1.5000 38.100	0 -0.008 0 -200	1.1039 28.04	0 -0.008 0 -200	.0559 1.422	1.0590 26.899	.06 1.5	.375 9.525	80°	.0003 8	.0005 12	-0.0001 -4	774	1,180	5/8 15.875
1.2500 31.750	0 -0.0065 0 -16	1.6250 41.275	0 -0.008 0 -200	1.1657 29.61	0 -0.008 0 -200	.0559 1.422	1.1760 29.870	.06 1.5	.4 75 11.1125	60°	.0004 10	.0006 15	-0.0002 -6	862	1,370	3/4 19.050
1.5625 39.688	0 -0.0065 0 -16	2.2500 57.150	0 -.012 0 -300	1.7547 44.57	0 -.012 0 -300	.0679 1.727	1.4687 37.306	.06 1.5	.5625 14.2875	50°	.0004 10	.0006 15	-0.0002 -6	980	1,570	1 25.400
2.0000 50.800	0 -0.0075 0 -19	2.6250 66.675	0 -.012 0 -300	2.0047 50.92	0 -.012 0 -300	.0679 1.727	1.8859 47.904	.10 2.5	.625 15.875	50°	1.8859 47.904	.0008 20	-0.0003 -8	1,570	2,740	1-1/4 31.750
2.3750 60.325	0 -0.0075 0 -19	3.0000 76.200	0 -.012 0 -300	2.4118 61.26	0 -.012 0 -300	.0859 2.184	2.2389 56.870	.12 3	.75 19.05	50°	2.2389 56.870	.0008 20	-0.0003 -8	2,180	4,020	1-1/2 38.100
3.0000 76.200	0 -0.0090 0 -22	4.0000 101.600	0 -.012 0 -300	3.1917 81.07	0 -.012 0 -300	.1029 2.616	2.8379 72.085	.12 3	1.0 25.40	50°	2.8379 72.085	.0010 25	-0.0005 -13	3,820	7,940	2 50.800

▶ LB-UU/LB-AJ-UU/LB-OP-UU



LB-UU
Standard type



LB-AJ-UU
Adjustable type



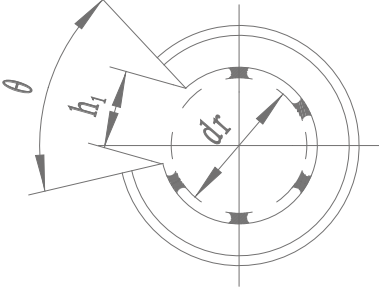
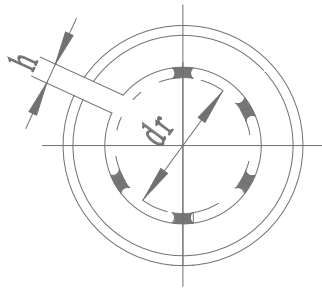
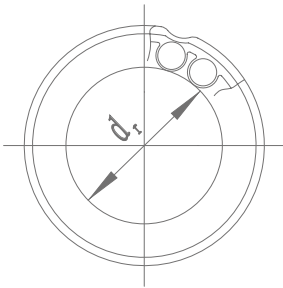
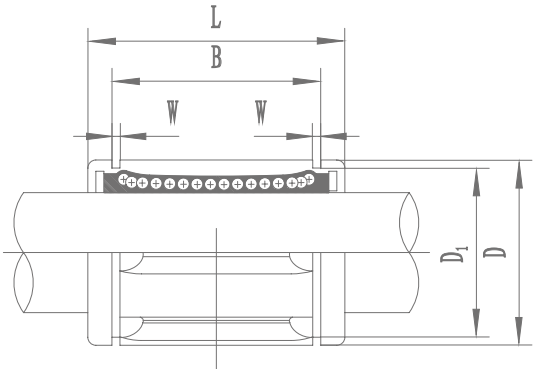
LB-OP-UU
Open type

型号说明
Model Specification

LB	AJ	OP	UU
直线轴承	调隙	大开口	密封
Item	Adjustment	Open	Seals

Nominal shaft diameter (Inch/mm)	Part Number									dr		
	LB	Ball circuit	weight (g)	LB-AJ	Ball circuit	weight (g)	LB-OP	Ball circuit	weight (g)	mm	Tolerance(μm)	
											Precision	18
6	LB6-UU	4	8.5	-	-	-	-	-	-	6	0-6	0-9
8	LB8S-UU	4	11	-	-	-	-	-	-	8	0-6	0-9
8	LB8-UU	4	17	-	-	-	-	-	-	8	0-6	0-9
10	LB10-UU	4	36	-	-	-	-	-	-	10	0-6	0-9
12	LB12-UU	4	42	LB12-AJ-UU	4	41	LB12-OP-UU	3	32	12	0-6	0-9
13	LB13-UU	4	49	LB13-AJ-UU	4	48	LB13-OP-UU	3	37	13	0-6	0-9
16	LB16-UU	4	76	LB16-AJ-UU	4	75	LB16-OP-UU	3	58	16	0-6	0-9
20	LB20-UU	5	100	LB20-AJ-UU	5	98	LB20-OP-UU	4	79	20	0-7	0-10
25	LB25-UU	6	240	LB25-AJ-UU	6	237	LB25-OP-UU	5	203	25	0-7	0-10
30	LB30-UU	6	270	LB30-AJ-UU	6	262	LB30-OP-UU	5	228	30	0-7	0-10
35	LB35-UU	6	425	LB35-AJ-UU	6	420	LB35-OP-UU	5	355	35	0-8	0-12
40	LB40-UU	6	654	LB40-AJ-UU	6	640	LB40-OP-UU	5	546	40	0-8	0-12
50	LB50-UU	6	1,700	LB50-AJ-UU	6	1,680	LB50-OP-UU	5	1,420	50	0-8	0-12
60	LB60-UU	6	2,000	LB60-AJ-UU	6	1,980	LB60-OP-UU	5	1,650	60	0-9	0-15
80	LB80-UU	6	4,520	LB80-AJ-UU	6	4,400	LB80-OP-UU	5	3,750	80	0-9	0-15
100	LB100-UU	6	8,600	LB100-AJ-UU	6	8,540	LB100-OP-UU	5	7,200	100	0-10	0-20
120	LB120-UU	8	15,000	LB120-AJ-UU	8	14,900	LB120-OP-UU	6	11,600	120	0-10	0-20
150	LB150-UU	8	20,250	LB150-AJ-UU	8	20,150	LB150-OP-UU	6	15,700	150	0-13	0-25

▶ LB-UU/LB-AJ-UU/LB-OP-UU



Major dimensions and tolerance											Eccentricity		Radial clearance (Max) μm	Basic load rating		Nominal shaft diameter (mm)
D		L		B		W	D1	h	h1	θ				Tolerance (μm)	static (Co N)	
mm	Tolerance (μm)	mm	Tolerance (μm)	mm	Tolerance (μm)	mm	mm	mm	mm		Precision (μm)	High (μm)				
12	0-11	19	0-200	13.5	0-200	1.1	11.5	-	-	-	8	12	-3	206	265	6
15	0-11	17	0-200	11.5	0-200	1.1	14.3	-	-	-	8	12	-3	176	216	8
15	0-11	24	0-200	17.5	0-200	1.1	14.3	-	-	-	8	12	-3	274	392	8
19	0-13	29	0-200	22	0-200	1.3	18	-	-	-	8	12	-4	372	549	10
21	0-13	30	0-200	23	0-200	1.3	20	1.5	8	80°	8	12	-4	510	784	12
23	0-13	32	0-200	23	0-200	1.3	22	1.5	9	80°	8	12	-4	510	784	13
28	0-13	37	0-200	26.5	0-200	1.6	27	1.5	11	80°	8	12	-6	774	1,180	16
32	0-16	42	0-200	30.5	0-200	1.6	30.5	1.5	11	60°	10	15	-6	882	1,370	20
40	0-16	59	0-300	41	0-300	1.85	38	2	12	50°	10	15	-6	980	1,570	25
45	0-16	64	0-300	44.5	0-300	1.85	43	2.5	15	50°	10	15	-8	1,570	2,740	30
52	0-19	70	0-300	49.5	0-300	2.1	49	2.5	17	50°	12	20	-8	1,670	3,140	35
60	0-19	80	0-300	60.5	0-300	2.1	57	3	20	50°	12	20	-10	2,160	4,020	40
80	0-19	100	0-300	74	0-300	2.6	76.5	3	25	50°	12	20	-13	3,820	7,940	50
90	0-22	110	0-300	85	0-300	3.15	86.5	3	30	50°	17	25	-13	4,700	10,000	60
120	0-22	140	0-400	105.5	0-400	4.15	116	3	40	50°	17	25	-20	7,350	16,000	80
150	0-25	175	0-400	125.5	0-400	4.15	145	3	50	50°	20	30	-20	14,100	34,800	100
180	0-25	200	0-400	158.5	0-400	4.15	175	3	85	80°	20	30	-25	16,400	40,000	120
210	0-29	240	0-400	170.5	0-400	5.15	204	3	105	80°	25	40	-25	21,100	54,300	150

直线轴承

直线轴承

► LBE-UU/LBE-AJ-UU/LBE-OP-UU

► LBE-UU/LBE-AJ-UU/LBE-OP-UU



LBE-UU
Standard type



LBE-AJ-UU
Adjustable type

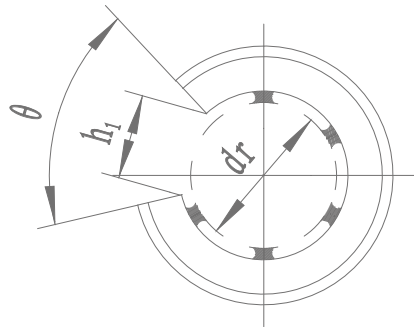
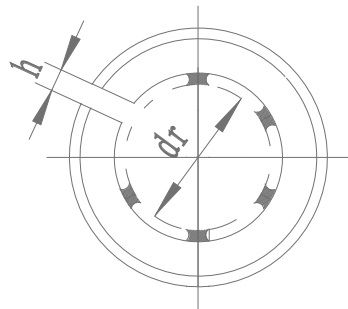
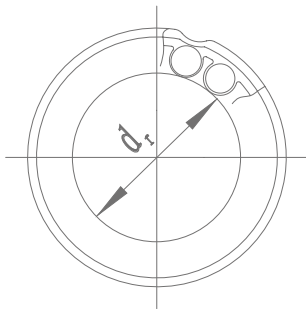
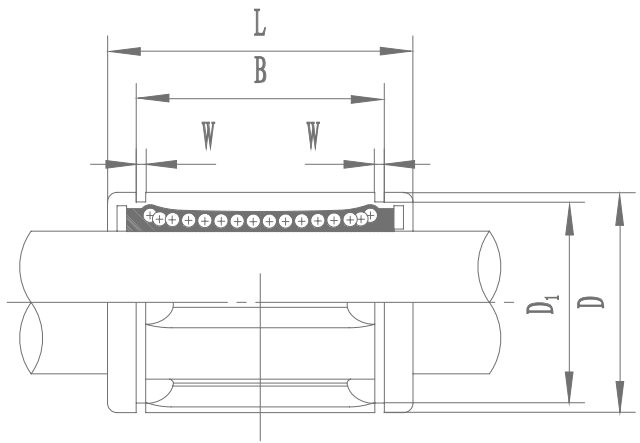


LBE-OP-UU
Open type

型号说明
Model Specification

LBE	AJ	OP	UU
欧标轴承 Item	调隙 Adjustment	大开口 Open	密封 Seals

Nominal shaft diameter (Inch/mm)	Part Number									dr		
	LBE	Ball circuit	weight (g)	LBE-AJ	Ball circuit	weight (g)	LBE-OP	Ball circuit	weight (g)	mm	Tolerance(μm)	
											Precision	High
5	LBE5-UU	4	11	-	-	-	-	-	-	5	-	+8 0
8	LBE8-UU	4	22	-	-	-	-	-	-	8	-	+8 0
10	LBE10-UU	4	36	-	-	-	-	-	-	10	-	+8 0
12	LBE12-UU	4	45	LBE12-AJ-UU	4	44	LBE12-OP-UU	3	35	12	-	+8 0
16	LBE16-UU	4	60	LBE16-AJ-UU	4	59	LBE16-OP-UU	3	48	16	-	+9 -1
20	LBE20-UU	5	102	LBE20-AJ-UU	5	100	LBE20-OP-UU	4	84	20	-	+9 -1
25	LBE25-UU	6	235	LBE25-AJ-UU	6	230	LBE25-OP-UU	5	195	25	-	+11 -1
30	LBE30-UU	6	360	LBE30-AJ-UU	6	355	LBE30-OP-UU	5	309	30	-	+11 -1
40	LBE40-UU	6	770	LBE40-AJ-UU	6	758	LBE40-OP-UU	5	665	40	-	+13 -2
50	LBE50-UU	6	1,250	LBE50-AJ-UU	6	1,230	LBE50-OP-UU	5	1,080	50	-	+13 -2
60	LBE60-UU	6	2,220	LBE60-AJ-UU	6	2,170	LBE60-OP-UU	5	1,900	60	-	+13 -2
80	LBE80-UU	6	5,140	LBE80-AJ-UU	6	5,000	LBE80-OP-UU	5	4,380	80	-	+16 -4

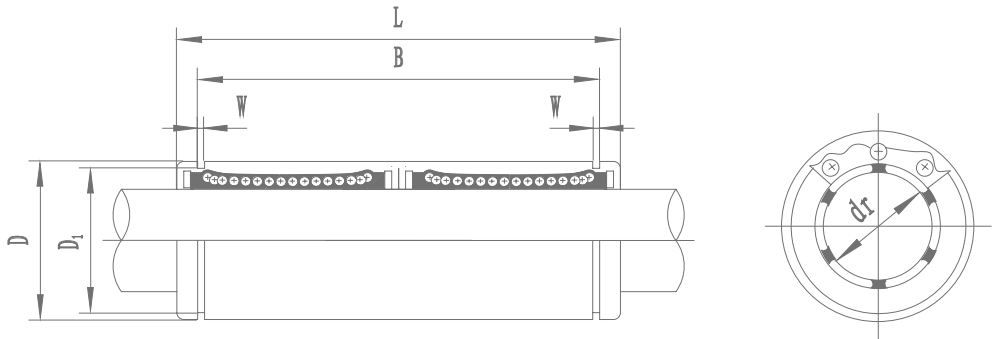


Major dimensions and tolerance											Eccentricity (μm)	Radial clearance(Max) μm	Basic load rating		Nominal shaft diameter (mm)
D		L		B		W	D1	h	h1	θ			dynamic (CN)	static (Co N)	
mm	Tolerance (μm)	mm	Tolerance (μm)	mm	Tolerance (μm)	mm	mm	mm	mm						
12	0 -8	22	0 -200	14.5	0 -200	1.1	11.5	-	-	-	12	-3	206	265	5
16	0 -8	25	0 -200	16.5	0 -200	1.1	15.2	-	-	-	12	-3	265	402	8
19	0 -9	29	0 -200	22	0 -200	1.3	18	-	-	-	12	-4	372	549	10
22	0 -9	32	0 -200	22.9	0 -200	1.3	21	1.5	7.5	78°	12	-4	510	784	12
26	0 -9	36	0 -200	24.9	0 -200	1.3	24.9	1.5	10	78°	12	-4	578	892	16
32	0 -11	45	0 -200	31.5	0 -200	1.6	30.3	2	10	60°	15	-6	862	1,370	20
40	0 -11	58	0 -300	44.1	0 -300	1.85	37.5	2	12.5	60°	15	-6	980	1,570	25
47	0 -11	68	0 -300	52.1	0 -300	1.85	44.5	2	12.5	50°	15	-8	1,570	2,740	30
62	0 -13	80	0 -300	60.6	0 -300	2.15	59	3	16.8	50°	17	-8	2,160	4,020	40
75	0 -13	100	0 -300	77.6	0 -300	2.65	72	3	21	50°	17	-13	3,820	7,940	50
90	0 -15	125	0 -400	101.7	0 -400	3.15	86.5	3	27.2	54°	20	-13	4,700	9,800	60
120	0 -15	165	0 -400	133.7	0 -400	4.15	116	3	36.3	54°	20	-20	7,350	16,000	80

▶ LM □ L-UU



LM-LUU



型号说明
Model Specification

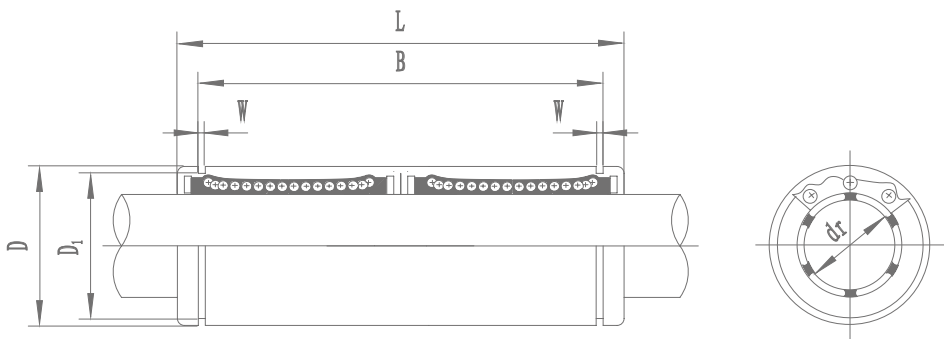
LM	L	UU
直线轴承	加长	密封
Item	Long	Seals

Steel Type	Ball circuit	Major dimensions and tolerance										Eccentricity (μm)	Basic load rating		Nominal shaft diameter (mm)	Nominal shaft diameter (mm)
		dr		D		L		B		W	D1		dynamic (CN)	static (Co N)		
		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	Tolerance (μm)	mm	Tolerance (μm)	mm	mm					
LM6L-UU	4	6	0 -10	12	0 -13	35	0 -300	27	0 -300	1.1	11.5	15	323	530	16	6
LM8L-UU	4	8	0 -10	15	0 -13	45	0 -300	35	0 -300	1.1	14.3	15	431	784	31	8
LM10L-UU	4	10	0 -10	19	0 -16	55	0 -300	44	0 -300	1.3	18	15	588	1,100	62	10
LM12L-UU	4	12	0 -10	21	0 -16	57	0 -300	46	0 -300	1.3	20	15	813	1,570	80	12
LM13L-UU	4	13	0 -10	23	0 -16	61	0 -300	46	0 -300	1.3	22	15	813	1,570	90	13
LM16L-UU	4	16	0 -10	28	0 -16	70	0 -300	53	0 -300	1.6	27	15	1,230	2,350	145	16
LM20L-UU	5	20	0 -12	32	0 -19	80	0 -300	61	0 -300	1.6	30.5	20	1,400	2,740	180	20
LM25L-UU	6	25	0 -12	40	0 -19	112	0 -400	82	0 -400	1.85	38	20	1,560	3,140	440	25
LM30L-UU	6	30	0 -12	45	0 -19	123	0 -400	89	0 -400	1.85	43	20	2,490	5,490	480	30
LM35L-UU	6	35	0 -15	52	0 -22	135	0 -400	99	0 -400	2.1	49	25	2,650	6,270	795	35
LM40L-UU	6	40	0 -15	60	0 -22	151	0 -400	121	0 -400	2.1	57	25	3,430	8,040	1,170	40
LM50L-UU	6	50	0 -15	80	0 -22	192	0 -400	148	0 -400	2.6	76.5	25	6,080	15,900	3,100	50
LM60L-UU	6	60	0 -20	90	0 -25	209	0 -400	170	0 -400	3.15	86.5	30	7,550	20,000	3,500	60

▶ LME □ L-UU



LME-LUU



型号说明
Model Specification

LM	L	UU
直线轴承	加长	密封

Steel Type	Ball circuit	Major dimensions and tolerance										Eccentricity (μm)	Basic load rating		Nominal shaft diameter (mm)	Nominal shaft diameter (mm)
		dr		D		L		B		W	D1		dynamic (CN)	static (Co N)		
		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	Tolerance (μm)	mm	Tolerance (μm)	mm	mm					
LME8L-UU	4	8	+9 -1	16	0 -9	46	0 -300	33	0 -300	1.1	15.2	15	421	804	40	8
LME12L-UU	4	12	+9 -1	22	0 -11	61	0 -300	45.8	0 -300	1.3	21	15	813	1,570	80	12
LME16L-UU	4	16	+11 -1	26	0 -11	68	0 -300	49.8	0 -300	1.3	24.9	15	921	1,780	115	16
LME20L-UU	5	20	+11 -1	32	0 -13	80	0 -300	61	0 -300	1.6	30.5	17	1,370	2,740	180	20
LME25L-UU	6	25	+13 -2	40	0 -13	112	0 -400	82	0 -400	1.85	38	17	1,570	3,140	430	25
LME30L-UU	6	30	+13 -2	47	0 -13	123	0 -400	104.2	0 -400	1.85	44.5	17	2,500	5,490	615	30
LME40L-UU	6	40	+16 -4	62	0 -15	151	0 -400	121.2	0 -400	2.15	59	20	3,430	8,040	1,400	40
LME50L-UU	6	50	+16 -4	75	0 -15	192	0 -400	155.2	0 -400	2.65	72	20	6,080	15,900	2,320	50
LME60L-UU	6	60	+16 -4	90	0 -20	209	0 -400	170	0 -400	3.15	86.5	25	7,550	20,000	3,920	60

▶ LMB □ L-UU

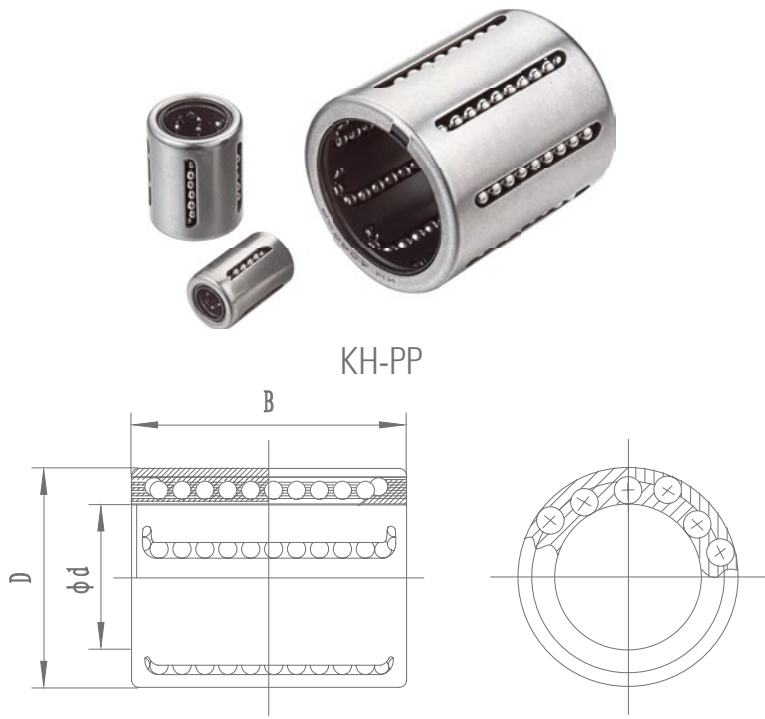


型号说明
Model Specification

LMB	L	UU
英制轴承 Item	加长 Long	密封 Seals

Steel Type	Ball circuit											Radial clearance(Max) Inch/ μm	Basic load rating	
		dr		D		L		B		W	D1		dynamic (C N)	static (Co N)
		inch mm	Tolerance (μm)	inch mm	Tolerance (μm)	inch mm	Tolerance (μm)	inch mm	Tolerance (μm)	Inch mm	Inch mm			
LMB4L-UU	3*	.2500 6.350	0-.00040 0 10	.5000 12.700	0-.00050 0 13	1.3750 34.925	0-.012 0 -300	1.0220 25.959	0-.012 0 -300	.0390 0.992	.4687 11.906	-	323	530
LMB6L-UU	4	.3750 9.525	0-.00040 0 10	.6250 15.785	0-.00065 0 -16	1.5938 40.481	0-.012 0 -300	1.2716 32.298	0-.012 0 -300	.0390 0.992	.5880 14.935	.0006	353	630
LMB8L-UU	4	.5000 12.700	0-.00040 0 10	.8750 22.225	0-.00065 0 -16	2.3750 60.325	0-.012 0 -300	1.9250 48.895	0-.012 0 -300	.0459 1.168	.8209 20.853	15	813	1,570
LMB 10L-UU	4	.6250 15.875	0-.00040 0 10	1.1250 28.575	0-.00065 0 -16	2.8125 71.438	0-.012 0 -300	2.2079 56.080	0-.012 0 -300	.0559 1.422	1.0590 26.899	-	1,230	2,350
LMB 12L-UU	5	.7500 19.050	0-.00050 0 -12	1.2500 31.750	0-.00075 0 -19	3.0937 78.581	0-.012 0 -300	2.3314 59.218	0-.012 0 -300	.0559 1.422	1.1760 29.870	.0008	1,370	2,740
LMB 16L-UU	6	1.0000 25.400	0-.00050 0 -12	1.5625 39.688	0-.00075 0 -19	4.2813 108.744	0-.016 0 -400	3.5094 89.139	0-.016 0 -400	.0679 1.727	1.4687 37.306	20	1,570	3,140
LMB 20L-UU	6	1.2500 31.750	0-.00060 0 -15	2.0000 50.800	0-.00090 0 -22	5.0000 127.000	0-.016 0 -400	4.0094 101.839	0-.016 0 -400	.0679 1.727	1.8859 47.904	.0010	2,500	5,490
LMB 24L-UU	6	1.5000 38.100	0-.00060 0 -15	2.3750 60.325	0-.00090 0 -22	5.6875 144.463	0-.016 0 -400	4.8236 122.519	0-.016 0 -400	.0859 2.184	2.2389 56.870	25	3,430	8,040
LMB 32L-UU	6	2.0000 50.800	0-.00060 0 -15	3.0000 76.200	0-.00100 0 -25	7.7500 196.850	0-.016 0 -400	6.3834 162.138	0-.016 0 -400	.1029 2.616	2.8379 72.085	.0012 30	6,080	15,900

▶ KH-PP

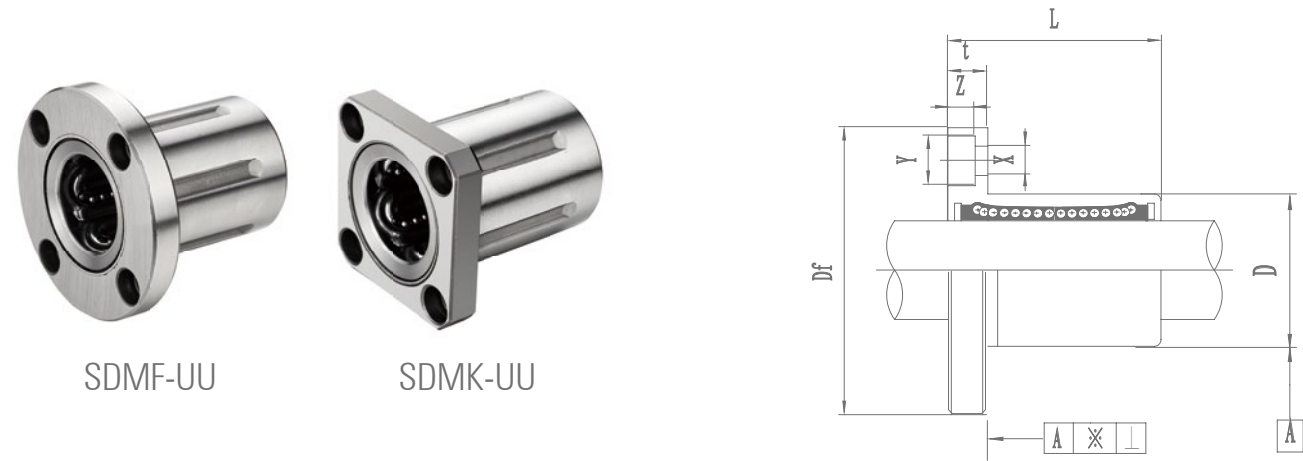


型号表示法
Type number format

KH 20 30 PP		KH 型直线轴承 KH-Mini(Pressing Bush)Linear Bearing		P- 单密封 PP- 双密封 P=seal on one side,PP=seals one both sides	
KH 20 30 PP		钢球总体内径 Shaft Diameter		长度尺寸 Length Dimension	

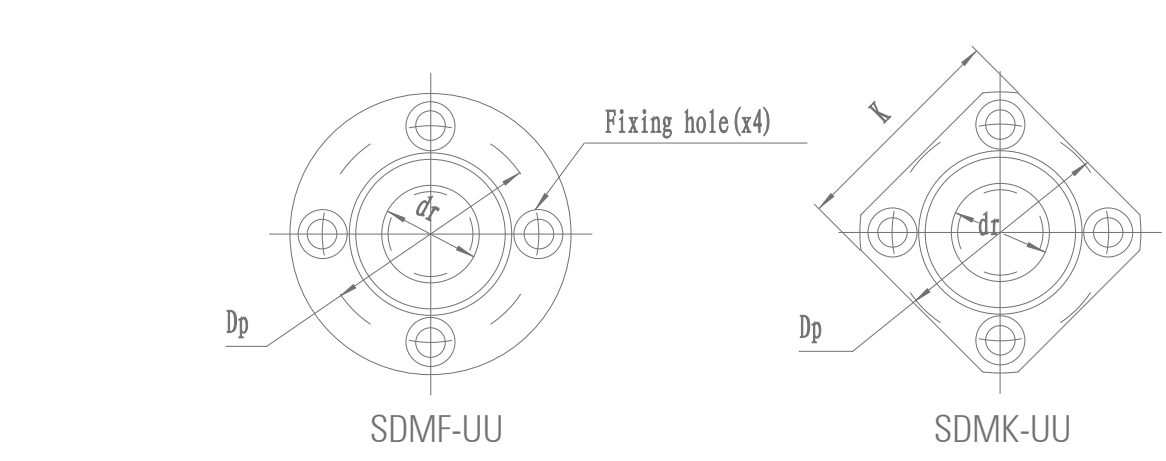
Type		Number of ball rows	Weight (g)	Main dimension (mm)			Basic load rating	
				d	D	b	dynamic (C N)	static (Co N)
KH 0824	KH 0824-PP	4	11.3	8	15	24	435	280
KH 1026	KH 1026-PP	4	14.4	10	17	26	500	370
KH 1228	KH 1228-PP	5	18.1	12	19	28	620	510
KH 1428	KH 1428-PP	5	20.6	14	21	28	620	520
KH 1630	KH 1630-PP	5	27.2	16	24	30	800	620
KH 2030	KH 2030-PP	6	32.7	20	28	30	950	790
KH 2540	KH 2540-PP	6	66	25	35	40	1990	1670
KH 3050	KH 3050-PP	7	95	30	40	50	2800	2700
KH 4060	KH 4060-PP	8	180	40	52	60	4400	4450
KH 5070	KH 5070-PP	9	250	50	62	70	5500	6300

▶ SDMF-UU/SDMK-UU



Nominal shaft diameter (mm)	Part No.	Weight (g)	Major dimenslons and tolerance						
	Steel		dr		D		Df	L	
	SDF(K)		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	inch mm	Tolerance (μm)
6	SDMF 6-UU SDMK 6-UU	24 18	6	0 -9	12	0 -13	28	19	±300
8	SDMF 8S-UU SDMK 8S-UU	32 24	8	0 -9	15	0 -13	32	17	±300
8	SDMF 8-UU SDMK 8-UU	37 29	8	0 -9	15	0 -13	32	24	±300
10	SDMF 10-UU SDMK 10-UU	72 52	10	0 -9	19	0 -16	40	29	±300
12	SDMF 12-UU SDMK 12-UU	76 57	12	0 -9	21	0 -16	42	30	±300
13	SDMF 13-UU SDMK 13-UU	88 72	13	0 -9	23	0 -16	43	32	±300
16	SDMF 16-UU SDMK 16-UU	120 104	16	0 -9	28	0 -16	48	37	±300
20	SDMF 20-UU SDMK 20-UU	180 145	20	0 -10	32	0 -19	54	42	±300
25	SDMF 25-UU SDMK 25-UU	340 300	25	0 -10	40	0 -19	62	59	±300
30	SDMF 30-UU SDMK 30-UU	470 375	30	0 -10	45	0 -19	74	64	±300
35	SDMF 35-UU SDMK 35-UU	650 560	35	0 -12	52	0 -22	82	70	±300
40	SDMF 40-UU SDMK 40-UU	1060 880	40	0 -12	60	0 -22	96	80	±300
50	SDMF 50-UU SDMK 50-UU	2200 2000	50	0 -12	80	0 -22	116	100	±300
60	SDMF 60-UU SDMK 60-UU	3000 2560	60	0 -15	90	0 -25	134	110	±300
80	SDMF 80-UU SDMK 80-UU	5800 5300	80	0 -15	120	0 -25	164	140	±300
100	SDMF 100-UU SDMK 100-UU	10600 9900	100	0 -20	150	0 -29	200	175	±300

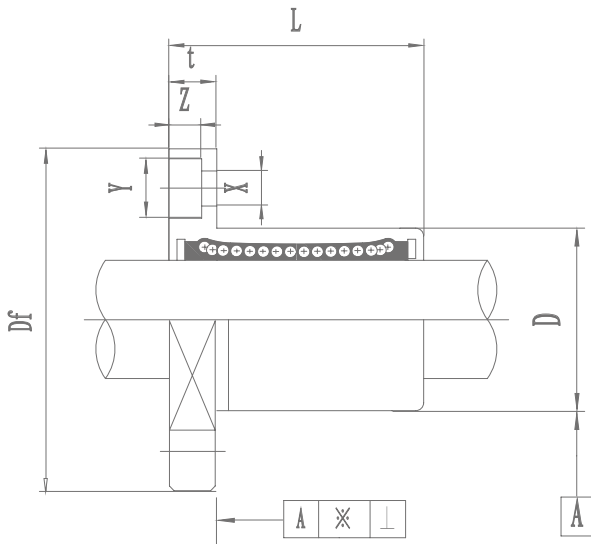
▶ SDMF-UU/SDMK-UU



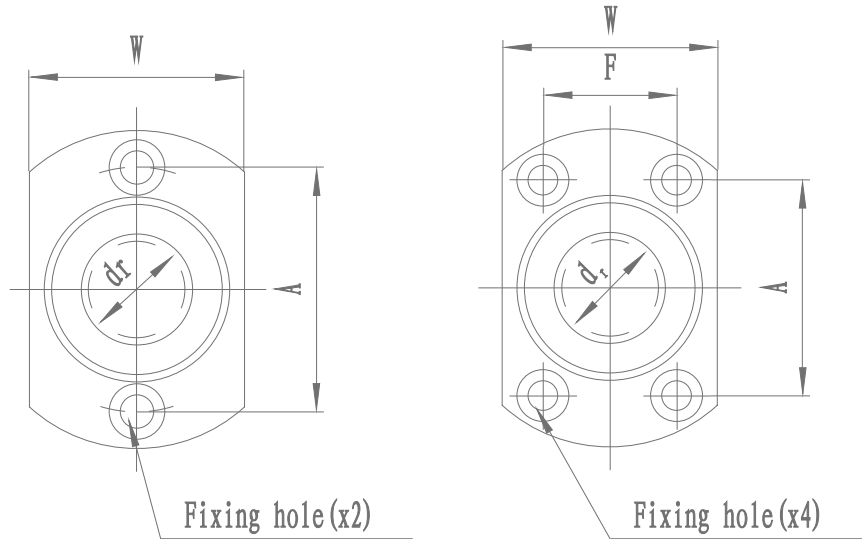
Part No.	Major dimenslons and tolerance						Eccentricity (μm)	Squareness (μm)	Basic load rating		Nomlnal shaft diameter (mm)
Steel	Flange								dynamic (C N)	static (Co N)	
SDF(K)	K mm	t mm	Dp mm	X mm	Y mm	Z mm					
SDMF 6-UU SDMK 6-UU	22	5	20	3.5	6	3.1	12	12	206	265	6
SDMF 8S-UU SDMK 8S-UU	25	5	24	3.5	6	3.1	12	12	176	216	8
SDMF 8-UU SDMK 8-UU	25	5	24	3.5	6	3.1	12	12	274	392	8
SDMF 10-UU SDMK 10-UU	30	6	29	4.5	7.5	4.1	12	12	372	549	10
SDMF 12-UU SDMK 12-UU	32	6	32	4.5	7.5	4.1	12	12	510	784	12
SDMF 13-UU SDMK 13-UU	34	6	33	4.5	7.5	4.1	12	12	510	784	13
SDMF 16-UU SDMK 16-UU	37	6	38	4.5	7.5	4.1	12	12	774	1180	16
SDMF 20-UU SDMK 20-UU	42	8	43	5.5	9	5.1	15	15	882	1370	20
SDMF 25-UU SDMK 25-UU	50	8	51	5.5	9	5.1	15	15	980	1570	25
SDMF 30-UU SDMK 30-UU	58	10	60	6.6	11	6.1	15	15	1570	2740	30
SDMF 35-UU SDMK 35-UU	64	10	67	6.6	11	6.1	20	20	1670	3140	35
SDMF 40-UU SDMK 40-UU	75	13	78	9	14	8.1	20	20	2160	4020	40
SDMF 50-UU SDMK 50-UU	92	13	98	9	14	8.1	20	20	3820	7940	50
SDMF 60-UU SDMK 60-UU	106	18	112	11	17	11.1	25	25	4700	10000	60
SDMF 80-UU SDMK 80-UU	136	18	142	11	17	11.1	25	25	7350	16000	80
SDMF 100-UU SDMK 100-UU	170	20	175	14	20	13.1	30	30	14100	34800	100

▶SDMH-UU

▶SDMH-UU



This type is a metric dimension series widely used in Japan and other countries.



SDMH 13 or less

SDMH 16 or more

Nomlnal shaft diameter (mm)	Part No.	Weight (g)	Major dimenslons and tolerance						
	Steel		dr		D		Df	L	
	SDMH...		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	inch mm	Tolerance (μm)
6	SDMH 6-UU	21	6	0 -9	12	0 -13	28	19	±300
8	SDMH 8-UU	33	8	0 -9	15	0 -13	32	24	±300
10	SDMH 10-UU	64	10	0 -9	19	0 -16	40	29	±300
12	SDMH 12-UU	68	12	0 -9	21	0 -16	42	30	±300
13	SDMH 13-UU	81	13	0 -9	23	0 -16	43	32	±300
16	SDMH 16-UU	112	16	0 -9	28	0 -16	48	37	±300
20	SDMH 20-UU	167	20	0 -10	32	0 -19	54	42	±300
25	SDMH 25-UU	325	25	0 -10	40	0 -19	62	59	±300
30	SDMH 30-UU	388	30	0 -10	45	0 -19	74	64	±300

Note: All sizes of SDMH type are sealed on both sides.

Part No.	Major dimensions and tolerance							Eccentricity (μm)	Squareness (μm)	Basic load rating		Nomlnal shaft diameter (mm)
Steel	Flange									dynamic (C N)	static (Co N)	
SDMH...	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm					
SDMH 6-UU	18	5	20	-	3.5	6	3.1	12	12	206	265	6
SDMH 8-UU	21	5	24	-	3.5	6	3.1	12	12	274	392	8
SDMH 10-UU	25	6	29	-	4.5	7.5	4.1	12	12	372	549	10
SDMH 12-UU	27	6	32	-	4.5	7.5	4.1	12	12	510	784	12
SDMH 13-UU	29	6	33	-	4.5	7.5	4.1	12	12	510	784	13
SDMH 16-UU	34	6	31	22	4.5	7.5	4.1	12	12	774	1180	16
SDMH 20-UU	38	8	36	24	5.5	9	5.1	15	15	882	1370	20
SDMH 25-UU	46	8	40	32	5.5	9	5.1	15	15	980	1570	25
SDMH 30-UU	51	10	49	35	6.6	11	6.1	15	15	1570	2740	30

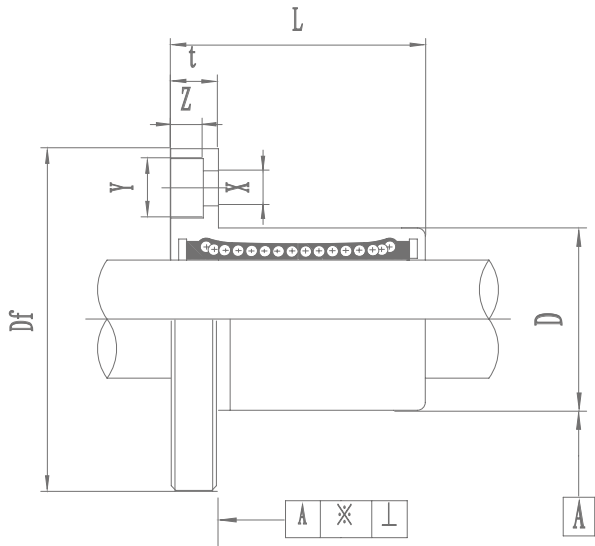
▶ SDEF-UU/SDEK-UU



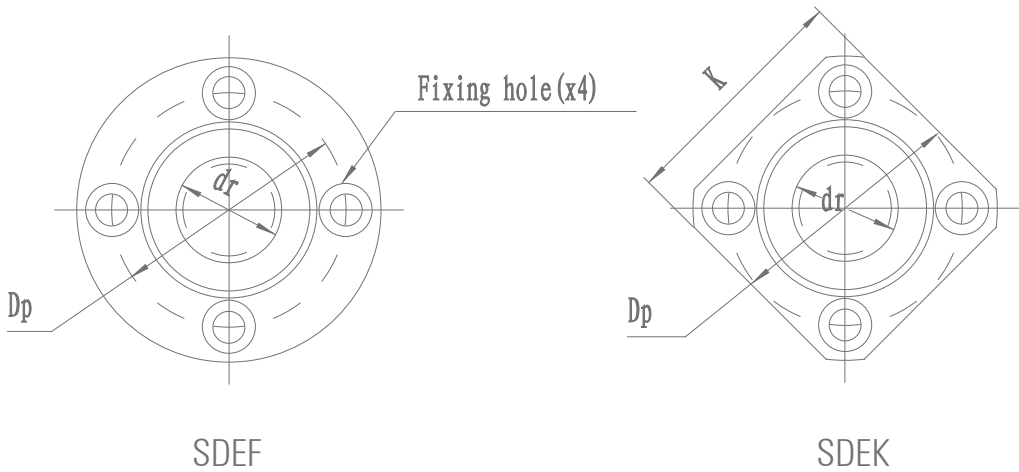
SDEF



SDEK



▶ SDEF-UU/SDEK-UU



Nomlnal shaft diameter (mm)	Part No.	Weight (g)	Major dimenslons and tolerance						
	Steel		dr		D		Df	L	
	SDEF(K)		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	inch mm	Tolerance (μm)
8	SDEF 8-UU SDEK 8-UU	41 33	8	+8 0	16	0 -13	32	25	±300
12	SDEF 12-UU SDEK 12-UU	80 64	12	+8 0	22	0 -16	42	32	±300
16	SDEF 16-UU SDEK 16-UU	103 90	16	+9 -1	26	0 -16	46	36	±300
20	SDEF 20-UU SDEK 20-UU	182 147	20	+9 -1	32	0 -19	54	45	±300
25	SDEF 25-UU SDEK 25-UU	335 295	25	+11 -1	40	0 -19	62	58	±300
30	SDEF 30-UU SDEK 30-UU	560 465	30	+11 -1	47	0 -19	76	68	±300
40	SDEF 40-UU SDEK 40-UU	1175 975	40	+13 -2	62	0 -22	98	80	±300
50	SDEF 50-UU SDEK 50-UU	1745 1545	50	+13 -2	75	0 -22	112	100	±300
60	SDEF 60-UU SDEK 60-UU	3220 2780	60	+13 -2	90	0 -25	134	125	±300
80	SDEF 80-UU SDEK 80-UU	6420 5920	80	+16 -4	120	0 -25	164	165	±300

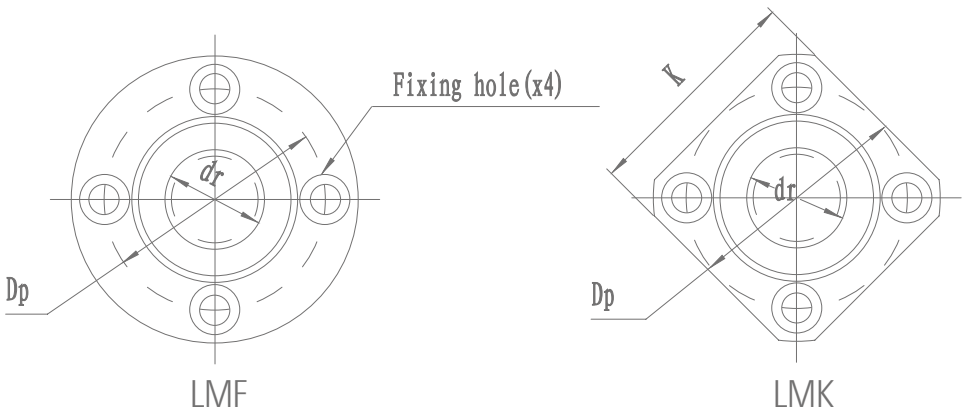
Part No.	Major dimenslons and tolerance						Eccentricity (μm)	Squareness (μm)	Basic load rating		Nomlnal shaft diameter (mm)
Steel	Flange								dynamic (C N)	static (Co N)	
SDEF(K)	K mm	t mm	Dp mm	X mm	Y mm	Z mm					
SDEF 8-UU SDEK 8-UU	25	5	24	3.5	6	3.1	12	12	265	402	8
SDEF 12-UU SDEK 12-UU	32	6	32	4.5	7.5	4.1	12	12	510	784	12
SDEF 16-UU SDEK 16-UU	35	6	36	4.5	7.5	4.1	12	12	578	892	16
SDEF 20-UU SDEK 20-UU	42	8	43	5.5	9	5.1	12	12	862	1370	20
SDEF 25-UU SDEK 25-UU	50	8	51	5.5	9	5.1	15	15	980	1570	25
SDEF 30-UU SDEK 30-UU	60	10	62	6.6	11	6.1	15	15	1570	2740	30
SDEF 40-UU SDEK 40-UU	75	13	80	9	14	8.1	15	15	2160	4020	40
SDEF 50-UU SDEK 50-UU	88	13	94	9	14	8.1	17	17	3820	7940	50
SDEF 60-UU SDEK 60-UU	106	18	112	11	17	11.1	17	17	4700	9800	60
SDEF 80-UU SDEK 80-UU	136	18	142	11	17	11.1	20	20	7350	16000	80

▶ LMF-UU/ LMK-UU/LMSF-UU/LMSK-UU



Nomlnal shaft diameter (mm)	Part No.		Weight (g)	Major dimenslons and tolerance						
	Steel	Stainless Steel		dr		D		Df	L	
	LMF(K)...UU	LMSF(K)...UU		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	inch mm	Tolerance (μm)
6	LMF 6-UU LMK 6-UU	LMSF 6-UU LMSK 6-UU	24 18	6	0 -9	12	0 -13	28	19	±300
8	LMF 8S-UU LMK 8S-UU	LMSF 8S-UU LMSK 8S-UU	32 24	8	0 -9	15	0 -13	32	17	±300
8	LMF 8-UU LMK 8-UU	LMSF 8-UU LMSK 8-UU	37 29	8	0 -9	15	0 -13	32	24	±300
10	LMF 10-UU LMK 10-UU	LMSF 10-UU LMSK 10-UU	72 52	10	0 -9	19	0 -16	40	29	±300
12	LMF 12-UU LMK 12-UU	LMSF 12-UU LMSK 12-UU	76 57	12	0 -9	21	0 -16	42	30	±300
13	LMF 13-UU LMK 13-UU	LMSF 13-UU LMSK 13-UU	88 72	13	0 -9	23	0 -16	43	32	±300
16	LMF 16-UU LMK 16-UU	LMSF 16-UU LMSK 16-UU	120 104	16	0 -9	28	0 -16	48	37	±300
20	LMF 20-UU LMK 20-UU	LMSF 20-UU LMSK 20-UU	180 145	20	0 -10	32	0 -19	54	42	±300
25	LMF 25-UU LMK 26-UU	LMSF 25-UU LMSK 25-UU	340 300	25	0 -10	40	0 -19	62	59	±300
30	LMF 30-UU LMK 30-UU	LMSF 30-UU LMSK 30-UU	470 375	30	0 -10	45	0 -19	74	64	±300
35	LMF 35-UU LMK 35-UU	LMSF 35-UU LMSK 35-UU	650 560	35	0 -12	52	0 -22	82	70	±300
40	LMF 40-UU LMK 40-UU	LMSF 40-UU LMSK 40-UU	1060 880	40	0 -12	60	0 -22	96	80	±300
50	LMF 50-UU LMK 50-UU	LMSF 50-UU LMSK 50-UU	2200 2000	50	0 -12	80	0 -22	116	100	±300
60	LMF 60-UU LMK 60-UU	LMSF 60-UU LMSK 60-UU	3000 2560	60	0 -15	90	0 -25	134	110	±300
80	LMF 80-UU LMK 80-UU	-	5800 5300	80	0 -15	120	0 -25	164	140	±300
100	LMF 100-UU LMK 100-UU	-	10600 9900	100	0 -20	150	0 -29	200	175	±300

▶ LMF-UU/ LMK-UU/LMSF-UU/LMSK-UU



Part No.		Major dimensions and tolerance						Eccentricity (μm)	Squareness (μm)	Basic load rating		Nomlnal shaft diameter (mm)
Steel	Stainless Steel									Flange		
		LMF(K)...UU	LMSF(K)...UU	K mm	t mm	Dp mm	X mm					
LMF 6-UU LMK 6-UU	LMSF 6-UU LMSK 6-UU	22	5	20	3.5	6	3.1	12	12	206	265	6
LMF 8S-UU LMK 8S-UU	LMSF 8S-UU LMSK 8S-UU	25	5	24	3.5	6	3.1	12	12	176	216	8
LMF 8-UU LMK 8-UU	LMSF 8-UU LMSK 8-UU	25	5	24	3.5	6	3.1	12	12	274	392	8
LMF 10-UU LMK 10-UU	LMSF 10-UU LMSK 10-UU	30	6	29	4.5	7.5	4.1	12	12	372	549	10
LMF 12-UU LMK 12-UU	LMSF 12-UU LMSK 12-UU	32	6	32	4.5	7.5	4.1	12	12	510	784	12
LMF 13-UU LMK 13-UU	LMSF 13-UU LMSK 13-UU	34	6	33	4.5	7.5	4.1	12	12	510	784	13
LMF 16-UU LMK 16-UU	LMSF 16-UU LMSK 16-UU	37	6	38	4.5	7.5	4.1	12	12	774	1180	16
LMF 20-UU LMK 20-UU	LMSF 20-UU LMSK 20-UU	42	8	43	5.5	9	5.1	15	15	882	1370	20
LMF 25-UU LMK 26-UU	LMSF 25-UU LMSK 25-UU	50	8	51	5.5	9	5.1	15	15	980	1570	25
LMF 30-UU LMK 30-UU	LMSF 30-UU LMSK 30-UU	58	10	60	6.6	11	6.1	15	15	1570	2740	30
LMF 35-UU LMK 35-UU	LMSF 35-UU LMSK 35-UU	64	10	67	6.6	11	6.1	20	20	1670	3140	35
LMF 40-UU LMK 40-UU	LMSF 40-UU LMSK 40-UU	75	13	78	9	14	8.1	20	20	2160	4020	40
LMF 50-UU LMK 50-UU	LMSF 50-UU LMSK 50-UU	92	13	98	9	14	8.1	20	20	3820	7940	50
LMF 60-UU LMK 60-UU	LMSF 60-UU LMSK 60-UU	106	18	112	11	17	11.1	25	25	4700	10000	60
LMF 80-UU LMK 80-UU	-	136	18	142	11	17	11.1	25	25	7350	16000	80
LMF 100-UU LMK 100-UU	-	170	20	175	14	20	13.1	30	30	14100	34800	100

▶ LMH-UU/LMSH-UU



LMH



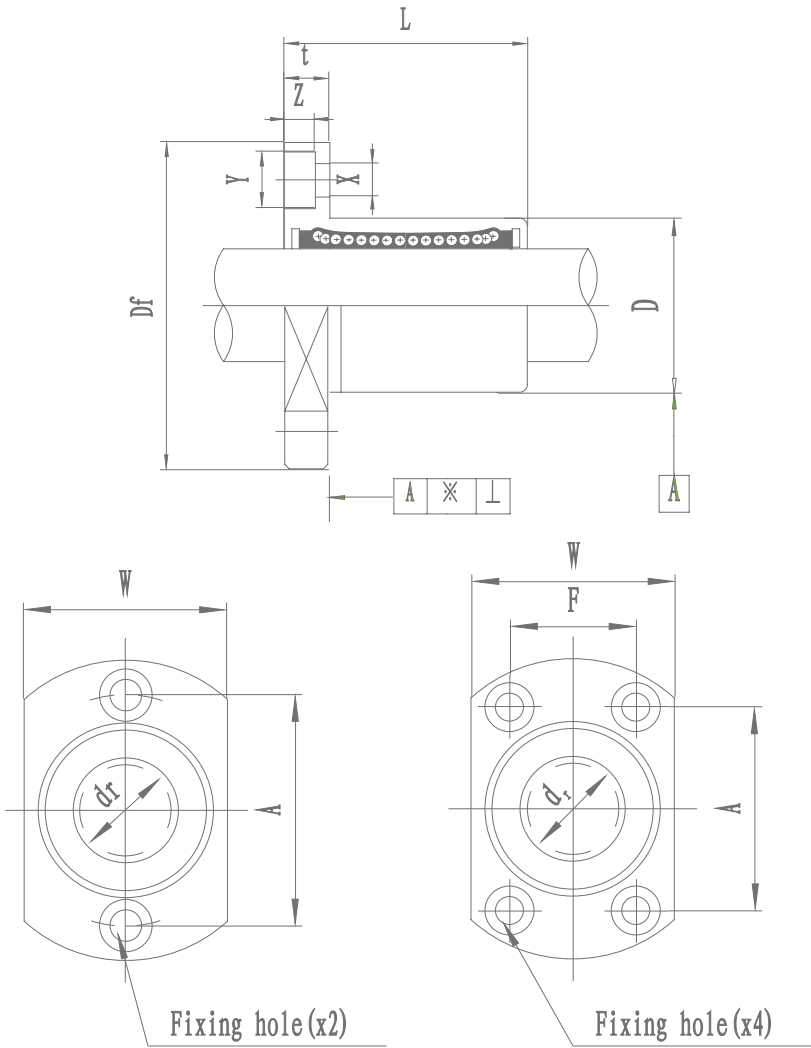
LMSH

This type is a metric dimension series widely used in Japan and other countries.

Nomlnal shaft diameter (mm)	Part No.		Weight (g)	Major dimenslons and tolerance						
	Steel	Stainless Steel		dr		D		Df	L	
	LMH...UU	LMSH...UU		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	inch mm	Tolerance (μm)
6	LMH 6-UU	LMSH 6-UU	21	6	0 -9	12	0 -13	28	19	±300
8	LMH 8-UU	LMSH 8-UU	33	8	0 -9	15	0 -13	32	24	±300
10	LMH 10-UU	LSMH 10-UU	64	10	0 -9	19	0 -16	40	29	±300
12	LMH 12-UU	LSMH 12-UU	68	12	0 -9	21	0 -16	42	30	±300
13	LMH 13-UU	LSMH 13-UU	81	13	0 -9	23	0 -16	43	32	±300
16	LMH 16-UU	LSMH 16-UU	112	16	0 -9	28	0 -16	48	37	±300
20	LMH 20-UU	LSMH 20-UU	167	20	0 -10	32	0 -19	54	42	±300
25	LMH 25-UU	LSMH 25-UU	325	25	0 -10	40	0 -19	62	59	±300
30	LMH 30-UU	LSMH 30-UU	388	30	0 -10	45	0 -19	74	64	±300

Note: All sizes of SDMH type are sealed on both sides.

▶ LMH-UU/LMSH-UU



LMH 13 or less

LMH 16 or more

Part No.		Major dimenslons and tolerance							Eccentricity (μm)	Squareness (μm)	Basic load rating		Nomlnal shaft diameter (mm)
Steel	Stainless Steel										Flange		
		LMH...UU	LMSH...UU	W mm	t mm	A mm	F mm	X mm					
LMH 6-UU	LMSH 6-UU	18	5	20	-	3.5	6	3.1	12	12	206	265	6
LMH 8-UU	LSMH 8-UU	21	5	24	-	3.5	6	3.1	12	12	274	392	8
LMH 10-UU	LSMH 10-UU	25	6	29	-	4.5	7.5	4.1	12	12	372	549	10
LMH 12-UU	LSMH 12-UU	27	6	32	-	4.5	7.5	4.1	12	12	510	784	12
LMH 13-UU	LSMH 13-UU	29	6	33	-	4.5	7.5	4.1	12	12	510	784	13
LMH 16-UU	LSMH 16-UU	34	6	31	22	4.5	7.5	4.1	12	12	774	1180	16
LMH 20-UU	LSMH 20-UU	38	8	36	24	5.5	9	5.1	15	15	882	1370	20
LMH 25-UU	LSMH 25-UU	46	8	40	32	5.5	9	5.1	15	15	980	1570	25
LMH 30-UU	LSMH 30-UU	51	10	49	35	6.6	11	6.1	15	15	1570	2740	30

▶ LMF □ L-UU/LMK □ L-UU/LMSF □ L-UU/LMSK □ L-UU

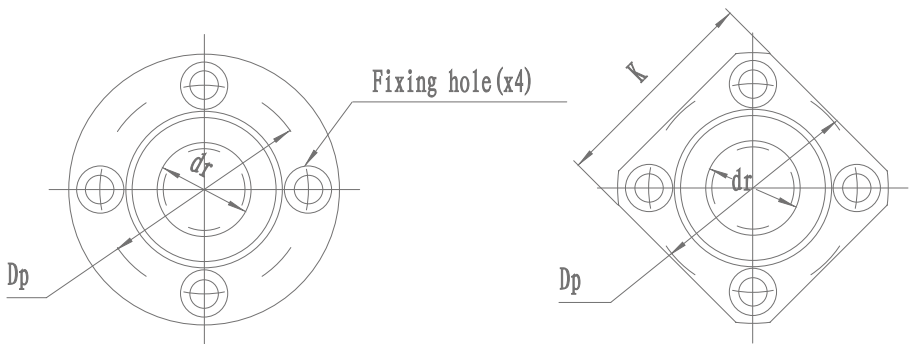
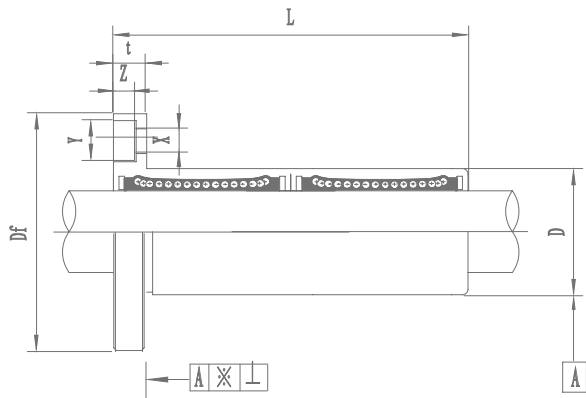
▶ LMF □ L-UU/LMK □ L-UU/LMSF □ L-UU/LMSK □ L-UU



LMF-L



LMK-L



LMF-L

LMK-L

Nomlnal shaft diameter (mm)	Part No.		Weight (g)	Major dimensions and tolerance						
	Steel	Stainless Steel		dr		D		Df	L	
	LMF(K)...LUU	LMSF(K)...LUU		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	inch mm	Tolerance (μm)
6	LMF 6L-UU LMK 6L-UU	LMSF 6L-UU LMSK 6L-UU	31 25	6	0 -10	12	0 -13	28	35	±300
8	LMF 8L-UU LMK 8L-UU	LMSF 8L-UU LMSK 8L-UU	51 43	8	0 -10	15	0 -13	32	45	±300
10	LMF 10L-UU LMK 10L-UU	LMSF 10L-UU LMSK 10L-UU	98 78	10	0 -10	19	0 -16	40	55	±300
12	LMF 12L-UU LMK 12L-UU	LMSF 12L-UU LMSK 12L-UU	110 90	12	0 -10	21	0 -16	42	57	±300
13	LMF 13L-UU LMK 13L-UU	LMSF 13L-UU LMSK 13L-UU	130 108	13	0 -10	23	0 -16	43	61	±300
16	LMF 16L-UU LMK 16L-UU	LMSF 16L-UU LMSK 16L-UU	190 165	16	0 -10	28	0 -16	48	70	±300
20	LMF 20L-UU LMK 20L-UU	LMSF 20L-UU LMSK 20L-UU	260 225	20	0 -12	32	0 -19	54	80	±300
25	LMF 25LUU LMK 26LUU	LMSF 25L-UU LMSK 25L-UU	540 500	25	0 -12	40	0 -19	62	112	±300
30	LMF 30L-UU LMK 30L-UU	LMSF 30L-UU LMSK 30L-UU	680 590	30	0 -12	45	0 -19	74	123	±300
35	LMF 35L-UU LMK 35L-UU	LMSF 35L-UU LMSK 35L-UU	1020 930	35	0 -15	52	0 -22	82	135	±300
40	LMF 40LUU LMK 40LUU	LMSF 40L-UU LMSK 40L-UU	1570 1380	40	0 -15	60	0 -22	96	151	±300
50	LMF 50L-UU LMK 50L-UU	LMSF 50L-UU LMSK 50L-UU	3600 3400	50	0 -15	80	0 -22	116	192	±300
60	LMF 60L-UU LMK 60L-UU	LMSF 60L-UU LMSK 60L-UU	4500 4060	60	0 -20	90	0 -25	134	209	±300

Part No.		Major dimenslons and tolerance						Eccentricity (μm)	Squareness (μm)	Basic load rating		Nmlnal shaft diameter (mm)
Steel	Stainless Steel	Flange								dynamic (C N)	static (Co N)	
LMF(K)...LUU	LMSF(K)...LUU	K mm	t mm	Dp mm	X mm	Y mm	Z mm					
LMF 6L-UU LMK 6L-UU	LMSF 6L-UU LMSK 6L-UU	22	5	20	3.5	6	3.1	15	15	323	529	6
LMF 8L-UU LMK 8L-UU	LMSF 8L-UU LMSK 8L-UU	25	5	24	3.5	6	3.1	15	15	431	784	8
LMF 10L-UU LMK 10L-UU	LMSF 10L-UU LMSK 10L-UU	30	6	29	4.5	7.5	4.1	15	15	588	1100	10
LMF 12L-UU LMK 12L-UU	LMSF 12L-UU LMSK 12L-UU	32	6	32	4.5	7.5	4.1	15	15	813	1570	12
LMF 13L-UU LMK 13L-UU	LMSF 13L-UU LMSK 13L-UU	34	6	33	4.5	7.5	4.1	15	15	813	1570	13
LMF 16L-UU LMK 16L-UU	LMSF 16L-UU LMSK 16L-UU	37	6	38	4.5	7.5	4.1	15	15	1230	2350	16
LMF 20L-UU LMK 20L-UU	LMSF 20L-UU LMSK 20L-UU	42	8	43	5.5	9	5.1	20	20	1400	2740	20
LMF 25L-UU LMK 26L-UU	LMSF 25L-UU LMSK 25L-UU	50	8	51	5.5	9	5.1	20	20	1560	3140	25
LMF 30L-UU LMK 30L-UU	LMSF 30L-UU LMSK 30L-UU	58	10	60	6.6	11	6.1	20	20	2490	5490	30
LMF 35L-UU LMK 35L-UU	LMSF 35L-UU LMSK 35L-UU	64	10	67	6.6	11	6.1	25	25	2650	6270	35
LMF 40L-UU LMK 40L-UU	LMSF 40L-UU LMSK 40L-UU	75	13	78	9	14	8.1	25	25	3430	8040	40
LMF 50L-UU LMK 50L-UU	LMSF 50L-UU LMSK 50L-UU	92	13	98	9	14	8.1	25	25	6080	15900	50
LMF 60L-UU LMK 60L-UU	LMSF 60L-UU LMSK 60L-UU	106	18	112	11	17	11.1	30	30	7550	20000	60

直线轴承

直线轴承

▶ LMH-UU/LMSH-UU



LMH-L

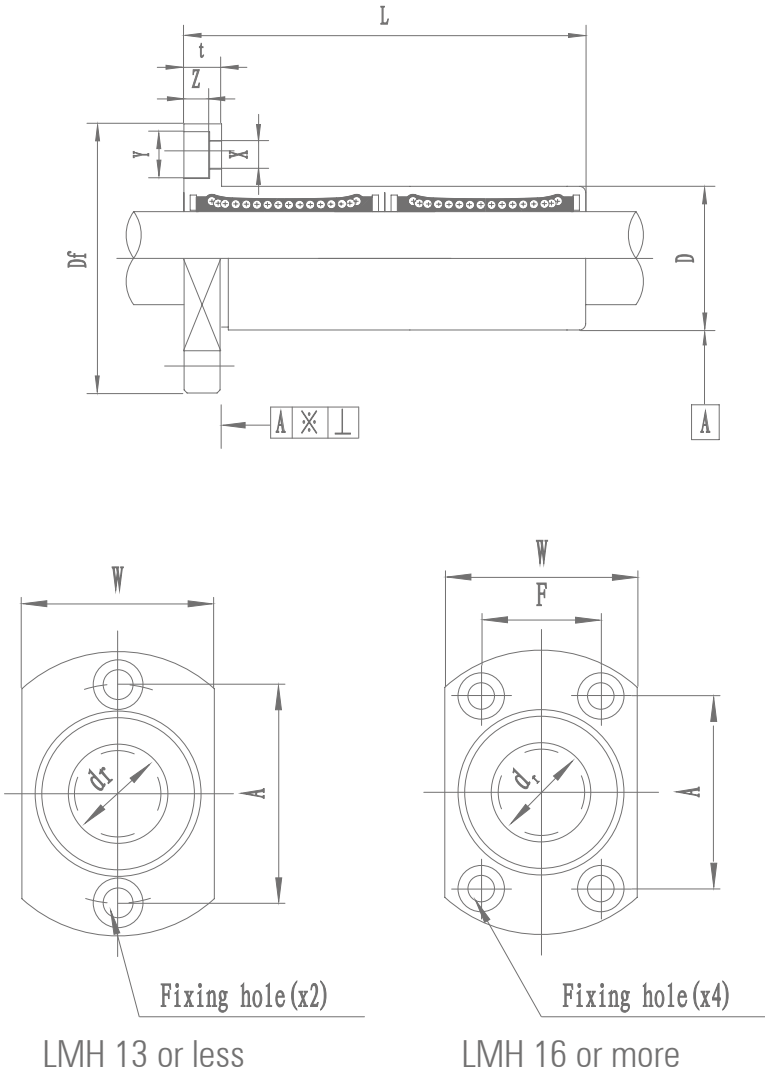


LMSH-L

Nomlnal shaft diameter (mm)	Part No.		Weight (g)	Major dimenslons and tolerance						
	Steel	Stainless Steel		dr		D		Df	L	
	LMH...LUU	LMSH...LUU		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	inch mm	Tolerance (μm)
6	LMH 6L-UU	LMSH 6L-UU	28	6	0 -10	12	0 -13	28	35	±300
8	LMH 8L-UU	LSMH 8L-UU	47	8	0 -10	15	0 -13	32	45	±300
10	LMH 10L-UU	LSMH 10L-UU	90	10	0 -10	19	0 -16	40	55	±300
12	LMH 12L-UU	LSMH 12L-UU	102	12	0 -10	21	0 -16	42	57	±300
13	LMH 13L-UU	LSMH 13L-UU	123	13	0 -10	23	0 -16	43	61	±300
16	LMH 16L-UU	LSMH 16L-UU	182	16	0 -10	28	0 -16	48	70	±300
20	LMH 20L-UU	LSMH 20L-UU	247	20	0 -12	32	0 -19	54	80	±300
25	LMH 25L-UU	LSMH 25L-UU	525	25	0 -12	40	0 -19	62	112	±300
30	LMH 30L-UU	LSMH 30L-UU	645	30	0 -12	45	0 -19	74	125	±300

Note:All sizes of LMH type are sealed on both sides.

▶ LMH-UU/LMSH-UU



Part No.		Major dimenslons and tolerance							Eccentricity (μm)	Squareness (μm)	Basic load rating		Nomlnal shaft diameter (mm)
Steel	Stainless Steel										Flange		
		W mm	t mm	A mm	F mm	X mm	Y mm	Z mm					
LMH...LUU	LMSH...LUU	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm					
LMH 6L-UU	LMSH 6L-UU	18	5	20	-	3.5	6	3.1	15	15	323	529	6
LMH 8L-UU	LMSH 8L-UU	21	5	24	-	3.5	6	3.1	15	15	431	784	8
LMH 10L-UU	LMSH 10L-UU	25	6	29	-	4.5	7.5	4.1	15	15	588	1100	10
LMH 12L-UU	LMSH 12L-UU	27	6	32	-	4.5	7.5	4.1	15	15	813	1570	12
LMH 13L-UU	LMSH 13L-UU	29	6	33	-	4.5	7.5	4.1	15	15	813	1570	13
LMH 16L-UU	LMSH 16L-UU	34	6	31	22	4.5	7.5	4.1	15	15	1230	2350	16
LMH 20L-UU	LMSH 20L-UU	38	8	36	24	5.5	9	5.1	20	20	1400	2740	20
LMH 25L-UU	LMSH 25L-UU	46	8	40	32	5.5	9	5.1	20	20	1560	3140	25
LMH 30L-UU	LMSH 30L-UU	51	10	49	35	6.6	11	6.1	20	20	2490	5490	30

▶ LMEF-UU/LMEK-UU/LMESF-UU/LMESK-UU



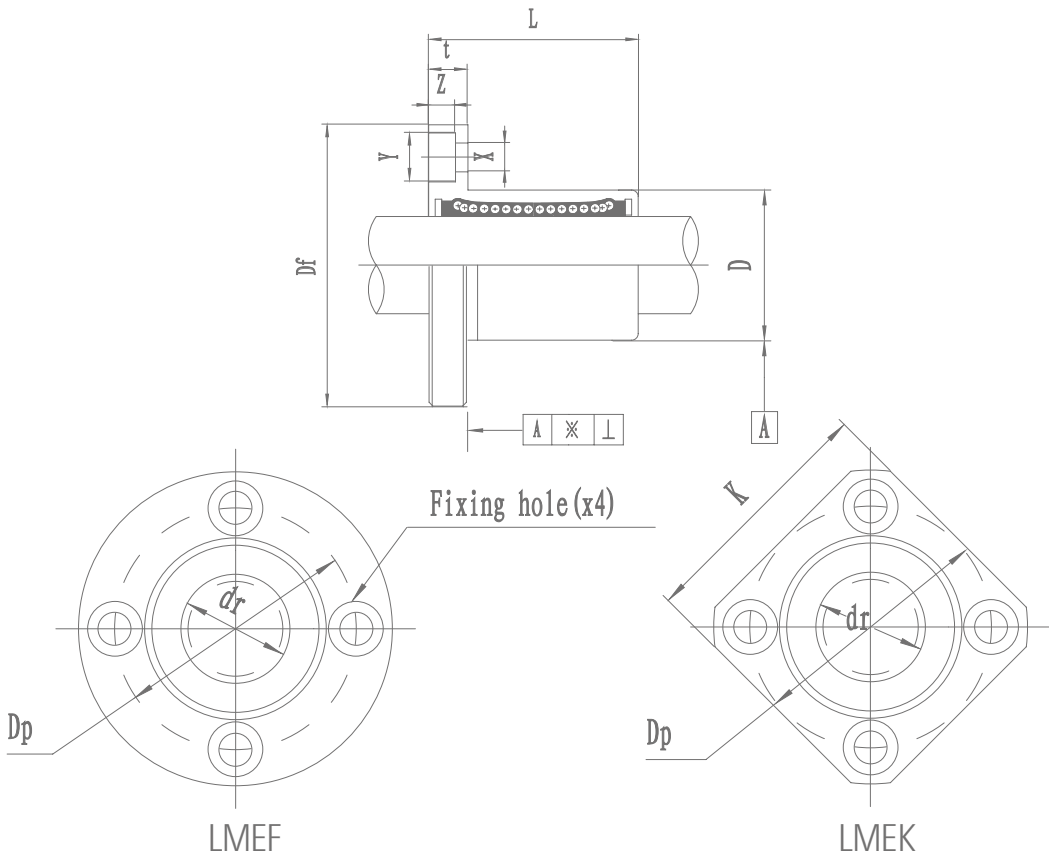
LMEF



LMEK

Nomlnal shaft diameter (mm)	Part No.		Weight (g)	Major dimenslons and tolerance						
	Steel	Stainless Steel		dr		D		Df	L	
	LMEF(K)...UU	LMESF(K)...UU		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	inch mm	Tolerance (μm)
8	LMEF 8-UU LMEK 8-UU	LMESF 8-UU LMESK 8-UU	41 33	8	+8 0	16	0 -13	32	25	±300
12	LMEF 12-UU LMEK 12-UU	LMESF 12-UU LMESK 12-UU	80 64	12	+8 0	22	0 -16	42	32	±300
16	LMEF 16-UU LMEK 16-UU	LMESF 16-UU LMESK 16-UU	103 90	16	+9 -1	26	0 -16	46	36	±300
20	LMEF 20-UU LMEK 20-UU	LMESF 20-UU LMESK 20-UU	182 147	20	+9 -1	32	0 -19	54	45	±300
25	LMEF 25-UU LMEK 25-UU	LMESF 25-UU LMESK 25-UU	335 295	25	+11 -1	40	0 -19	62	58	±300
30	LMEF 30-UU LMEK 30-UU	LMESF 30-UU LMESK 30-UU	560 465	30	+11 -1	47	0 -19	76	68	±300
40	LMEF 40-UU LMEK 40-UU	LMESF 40-UU LMESK 40-UU	1175 975	40	+13 -2	62	0 -22	98	80	±300
50	LMEF 50-UU LMEK 50-UU	LMESF 50-UU LMESK 50-UU	1745 1545	50	+13 -2	75	0 -22	112	100	±300
60	LMEF 60-UU LMEK 60-UU	LMESF 60-UU LMESK 60-UU	3220 2780	60	+13 -2	90	0 -25	134	125	±300
80	LMEF 80-UU LMEK 80-UU	-	6420 5920	80	+16 -4	120	0 -25	164	165	±300

▶ LMEF-UU/LMEK-UU/LMESF-UU/LMESK-UU



Part No.		Major dimenslons and tolerance						Eccentricity (μm)	Squareness (μm)	Basic load rating		Nomlnal shaft diameter (mm)
Steel	Stainless Steel									Flange		
		LMEF(K)...UU	LMESF(K)...UU	K mm	t mm	Dp mm	X mm					
LMEF 8-UU LMEK 8-UU	LMESF 8-UU LMESK 8-UU	25	5	24	3.5	6	3.1	12	12	265	402	8
LMEF 12-UU LMEK 12-UU	LMESF 12-UU LMESK 12-UU	32	6	32	4.5	7.5	4.1	12	12	510	784	12
LMEF 16-UU LMEK 16-UU	LMESF 16-UU LMESK 16-UU	35	6	36	4.5	7.5	4.1	12	12	578	892	16
LMEF 20-UU LMEK 20-UU	LMESF 20-UU LMESK 20-UU	42	8	43	5.5	9	5.1	12	12	862	1370	20
LMEF 25-UU LMEK 25-UU	LMESF 25-UU LMESK 25-UU	50	8	51	5.5	9	5.1	15	15	980	1570	25
LMEF 30-UU LMEK 30-UU	LMESF 30-UU LMESK 30-UU	60	10	62	6.6	11	6.1	15	15	1570	2740	30
LMEF 40-UU LMEK 40-UU	LMESF 40-UU LMESK 40-UU	75	13	80	9	14	8.1	15	15	2160	4020	40
LMEF 50-UU LMEK 50-UU	LMESF 50-UU LMESK 50-UU	88	13	94	9	14	8.1	17	17	3820	7940	50
LMEF 60-UU LMEK 60-UU	LMESF 60-UU LMESK 60-UU	106	18	112	11	17	11.1	17	17	4700	9800	60
LMEF 80-UU LMEK 80-UU	-	136	18	142	11	17	11.1	20	20	7350	16000	80

▶ LMEF □ L-UU/LMEK □ L-UU/LMESF □ L-UU/LMESK □ L-UU



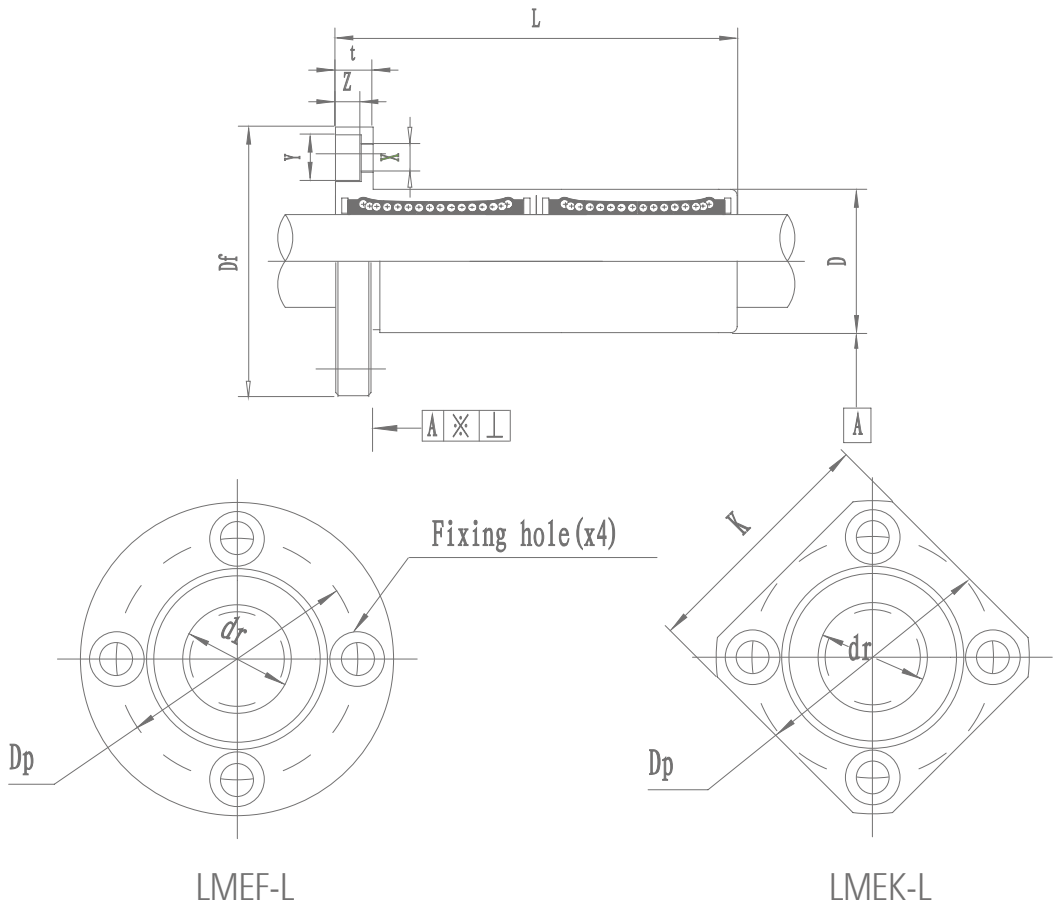
LMEF-L



LMEK-L

Nomlnal shaft diameter (mm)	Part No.		Weight (g)	Major dimenslons and tolerance						
	Steel	Stainless Steel		dr		D		Df	L	
	LMEF(K)...LUU	LMESF(K)... LUU		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	inch mm	Tolerance (μm)
8	LMEF 8L-UU LMEK 8L-UU	LMESF 8L-UU LMESK 8L-UU	59 51	8	+ 8 0	16	0 -13	32	46	±300
12	LMEF 12L-UU LMEK 12L-UU	LMESF 12L-UU LMESK 12L-UU	110 90	12	+ 8 0	22	0 -16	42	61	±300
16	LMEF 16L-UU LMEK 16L-UU	LMESF 16L-UU LMESK 16L-UU	160 135	16	+ 9 -1	26	0 -16	46	68	±300
20	LMEF 20L-UU LMEK 20L-UU	LMESF 20L-UU LMESK 20L-UU	260 225	20	+ 9 -1	32	0 -19	54	80	±300
25	LMEF 25L-UU LMEK 25L-UU	LMESF 25L-UU LMESK 25L-UU	540 500	25	+ 11 -1	40	0 -19	62	112	±300
30	LMEF 30L-UU LMEK 30L-UU	LMESF 30L-UU LMESK 30L-UU	815 720	30	+ 11 -1	47	0 -19	76	123	±300
40	LMEF 40L-UU LMEK 40L-UU	LMESF 40L-UU LMESK 40L-UU	1805 1600	40	+ 13 -2	62	0 -22	98	151	±300
50	LMEF 50L-UU LMEK 50L-UU	LMESF 50L-UU LMESK 50L-UU	2820 2620	50	+ 13 -2	75	0 -22	112	192	±300
60	LMEF 60L-UU LMEK 60L-UU	LMESF 60L-UU LMESK 60L-UU	4920 4480	60	+ 13 -2	90	0 -25	134	209	±300

▶ LMEF □ L-UU/LMEK □ L-UU/LMESF □ L-UU/LMESK □ L-UU



Part No.		Major dimenslons and tolerance						Eccentricity (μm)	Squareness (μm)	Basic load rating		Nomlnal shaft diameter (mm)
Steel	Stainless Steel	Flange								dynamic (C N)	static (Co N)	
LMEF(K)...LUU	LMESF(K)... LUU	K mm	t mm	Dp mm	X mm	Y mm	Z mm					
LMEF 8L-UU LMEK 8L-UU	LMESF 8L-UU LMESK 8L-UU	25	5	24	3.5	6	3.1	15	15	421	804	8
LMEF 12L-UU LMEK 12L-UU	LMESF 12L-UU LMESK 12L-UU	32	6	32	4.5	7.5	4.1	15	15	813	1570	12
LMEF 16L-UU LMEK 16L-UU	LMESF 16L-UU LMESK 16L-UU	35	6	36	4.5	7.5	4.1	15	15	921	1780	16
LMEF 20L-UU LMEK 20L-UU	LMESF 20L-UU LMESK 20L-UU	42	8	43	5.5	9	5.1	17	17	1370	2740	20
LMEF 25L-UU LMEK 25L-UU	LMESF 25L-UU LMESK 25L-UU	50	8	51	5.5	9	5.1	17	17	1570	3140	25
LMEF 30L-UU LMEK 30L-UU	LMESF 30L-UU LMESK 30L-UU	60	10	62	6.6	11	6.1	17	17	2500	5490	30
LMEF 40L-UU LMEK 40L-UU	LMESF 40L-UU LMESK 40L-UU	75	13	80	9	14	8.1	20	20	3430	8040	40
LMEF 50L-UU LMEK 50L-UU	LMESF 50L-UU LMESK 50L-UU	88	13	94	9	14	8.1	20	20	6080	15900	50
LMEF 60L-UU LMEK 60L-UU	LMESF 60L-UU LMESK 60L-UU	106	18	112	11	17	11.1	25	25	7550	20000	60

▶ LMBF-UU/LMBK-UU/LMBSF-UU/LMBSK-UU



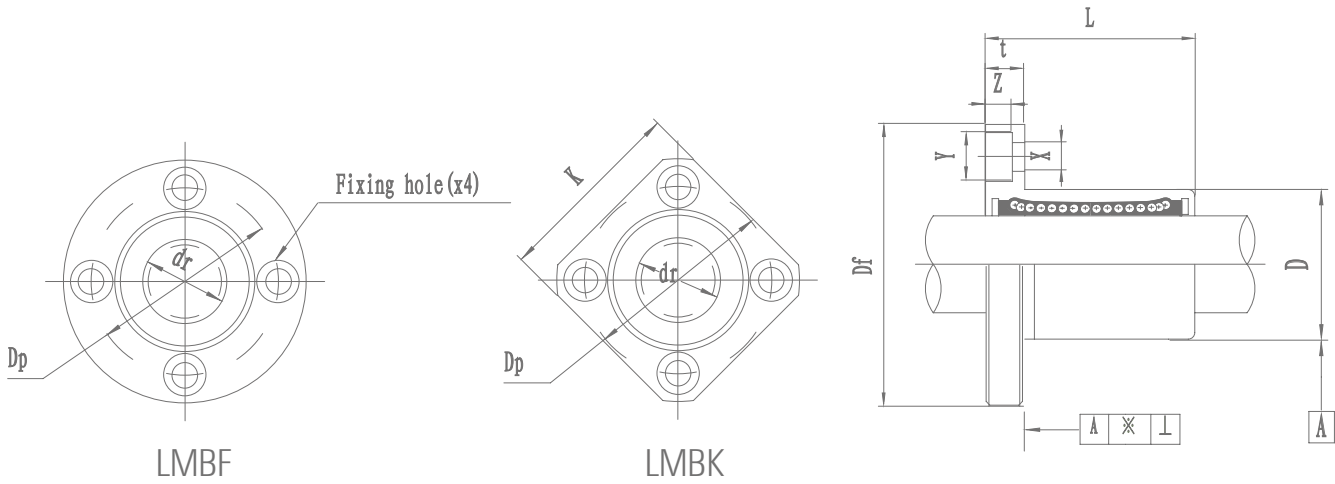
LMBF



LMBK

Nomlnal shaft diameter (mm)	Part No.		Weight (g)	Major dimenslons and tolerance						
	Steel	Stainless Steel		dr		D		Df	L	
	LMBF(K)...UU	LMBSF(K)...UU		mm	Tolerance (μm)	mm	Tolerance (μm)	mm	inch mm	Tolerance (μm)
1/4 6.350	LMBF 4-UU LMBK 4-UU	LMBSF 4-UU LMBSK 4-UU	32 25	0.2500 6.350	0-0.00040 0 -9	0.5000 12.700	0 -0.00050 0 -12	1.2500 31.750	0.7500 19.050	±0.012 ±300
3/8 9.525	LMBF 6-UU LMBK 6-UU	LMBSF 6-UU LMBSK 6-UU	47 32	0.3750 9.525	0-0.00040 0 -9	0.6250 15.875	0 -0.00065 0 -16	1.5000 38.100	1.2500 31.750	±0.012 ±300
1/2 12.700	LMBF 8-UU LMBK 8-UU	LMBSF 8-UU LMBSK 8-UU	88 68	0.5000 12.700	0-0.00040 0 -9	0.8750 22.225	0 -0.00065 0 -16	1.7500 44.450	1.2500 31.750	±0.012 ±300
5/8 15.875	LMBF 10-UU LMBK 10-UU	LMBSF 10-UU LMBSK 10-UU	140 124	0.6250 15.875	0-0.00040 0 -9	1.1250 28.575	0 -0.00065 0 -16	2.0000 50.800	1.5000 38.100	±0.012 ±300
3/4 19.050	LMBF 12-UU LMBK 12-UU	LMBSF 12-UU LMBSK 12-UU	190 150	0.7500 19.050	0-0.00040 0 -10	1.2500 31.750	0 -0.00075 0 -19	2.1875 55.563	1.6250 41.275	±0.012 ±300
1 24.400	LMBF 16-UU LMBK 16-UU	LMBSF 16-UU LMBSK 16-UU	325 280	1.0000 25.400	0-0.00040 0 -10	1.5625 39.688	0 -0.00075 0 -19	2.5000 63.500	2.2500 57.150	±0.012 ±300
1-1/4 31.750	LMBF 20-UU LMBK 20-UU	LMBSF 20-UU LMBSK 20-UU	665 580	1.2500 31.750	0-0.00050 0 -12	2.0000 50.800	0 -0.00090 0 -22	3.1250 79.375	2.6250 66.675	±0.012 ±300
1-1/2 38.100	LMBF 24-UU LMBK 24-UU	LMBSF 24-UU LMBSK 24-UU	1100 930	1.5000 38.100	0-0.00050 0 -12	2.3750 60.325	0 -0.00090 0 -22	3.7500 95.250	3.0000 76.200	±0.012 ±300
2 50.800	LMBF 32-UU LMBK 32-UU	LMBSF 32-UU LMBSK 32-UU	1760 1580	2.0000 50.800	0-0.00050 0 -12	3.0000 76.200	0 -0.00100 0 -25	4.3750 111.125	4.0000 101.600	±0.012 ±300
2-1/2 63.500	LMBF 40-UU LMBK 40-UU	-	3570 3200	2.5000 63.500	0-0.00060 0 -15	3.7500 95.250	0 -0.00100 0 -25	5.3750 136.525	5.0000 127.000	±0.012 ±300
3 76.200	LMBF 48-UU LMBK 48-UU	-	5600 5000	3.0000 76.200	0-0.00060 0 -15	4.5000 114.300	0 -0.00100 0 -25	6.1250 155.575	6.0000 152.400	±0.012 ±300
4 101.600	LMBF 64-UU LMBK 64-UU	-	12000 11300	4.0000 101.600	0-0.00080 0 -20	6.0000 152.400	0 -0.00115 0 -29	8.0000 203.200	8.0000 203.200	±0.012 ±300

▶ LMBF-UU/LMBK-UU/LMBSF-UU/LMBSK-UU



Part No.		Major dimenslons and tolerance						Eccentricity (μm)	Squareness (μm)	Basic load rating		Nomlnal shaft diameter (mm)
Steel	Stainless Steel									Flange		
LMBF(K)...UU	LMBSF(K)... UU	K mm	t mm	Dp mm	X mm	Y mm	Z mm					
LMBF 4-UU LMBK 4-UU	LMBSF 4-UU LMBSK 4-UU	1.0000 25.400	0.219 5.556	0.8750 22.225	0.1560 3.969	0.2500 6.350	0.1410 3.572	0.0005 12	0.0005 12	206	265	1/4 6.350
LMBF 6-UU LMBK 6-UU	LMBSF 6-UU LMBSK 6-UU	1.2500 31.750	0.2500 6.350	1.0620 26.988	0.1875 4.736	0.2970 7.541	0.1720 4.366	0.0005 12	0.0005 12	225	314	3/8 9.525
LMBF 8-UU LMBK 8-UU	LMBSF 8-UU LMBSK 8-UU	1,3750 34.925	0.2500 6.350	1.312 33.338	0.1875 4.736	0.2970 7.541	0.1720 4.366	0.0005 12	0.0005 12	510	784	1/2 12.700
LMBF 10-UU LMBK 10-UU	LMBSF 10-UU LMBSK 10-UU	1.5000 38.100	0.2500 6.350	1.5620 39.688	0.1875 4.736	0.2970 7.541	0.1720 4.366	0.0005 12	0.0005 12	774	1180	5/8 15.875
LMBF 12-UU LMBK 12-UU	LMBSF 12-UU LMBSK 12-UU	1.6875 42.863	0.3125 7.938	1.1780 43.660	0.2187 5.556	0.3440 8.731	0.2030 5.159	0.0006 15	0.0006 15	862	1370	3/4 19.050
LMBF 16-UU LMBK 16-UU	LMBSF 16-UU LMBSK 16-UU	2.0000 50.800	0.3125 7.938	2.0310 51.594	0.2187 5.556	0.3440 8.731	0.2030 5.159	0.0006 15	0.0006 15	980	1570	1 24.400
LMBF 20-UU LMBK 20-UU	LMBSF 20-UU LMBSK 20-UU	2.5000 63.500	0.3750 9.525	2.5625 65.088	0.2812 7.144	0.4060 10.319	0.2656 6.747	0.0008 20	0.0008 20	1570	2740	1-1/4 31.750
LMBF 24-UU LMBK 24-UU	LMBSF 24-UU LMBSK 24-UU	3.0000 76.200	0.5000 12.700	3.0625 77.788	0.3440 8.731	0.5000 12.700	0.3280 8.334	0.0008 20	0.0008 20	2180	4020	1-1/2 38.100
LMBF 32-UU LMBK 32-UU	LMBSF 32-UU LMBSK 32-UU	3.5000 88.900	0.5000 12.700	3.6875 93.662	0.4062 10.319	0.5000 12.700	0.3280 8.334	0.0010 25	0.0010 25	3820	7940	2 50.800
LMBF 40-UU LMBK 40-UU	-	4.3750 111.125	0.7500 19.050	4.5625 115.887	0.4062 10.319	0.6250 15.875	0.3750 9.525	0.0010 25	0.0010 25	4700	10000	2-1/2 63.500
LMBF 48-UU LMBK 48-UU	-	5.0000 127.000	0.7500 19.050	5.3125 134.937	0.4062 10.319	0.6250 15.875	0.3750 9.525	0.0010 25	0.0010 25	7350	16000	3 76.200
LMBF 64-UU LMBK 64-UU	-	6.7500 171.450	0.8750 22.225	7.0000 177.800	0.5000 12.700	0.7125 18.097	0.5000 12.700	0.0012 30	0.0012 30	14100	34800	4 101.600

LMFP-UU/LMKP-UU

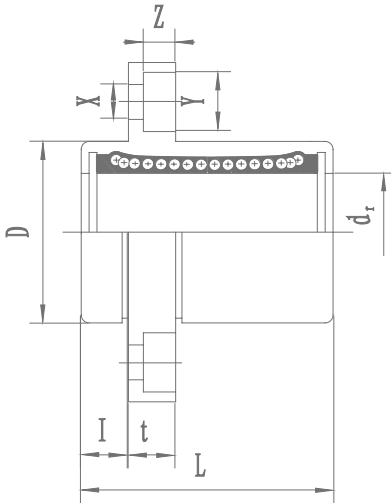


LMFP

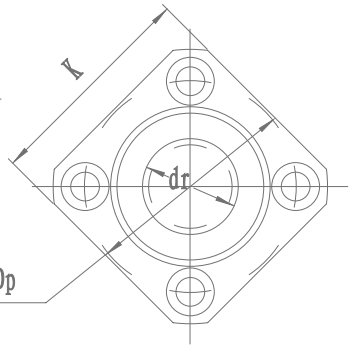
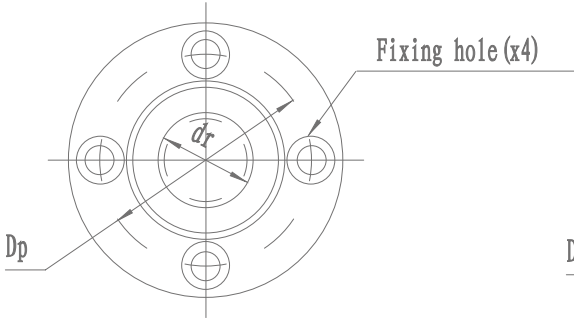


LMKP

LMFP-UU/LMKP-UU



LMFP



LMKP

Nomlnal shaft diame-ter (mm)	Part No.		Major dimenslons and tolerance								
	Steel	Stainless Steel	d _r		D		L		Flange		
	LMFP(K)...UU	LMKP(K)...UU	mm	Tolerance (μm)	mm	Tolerance (μm)	inch mm	Tolerance (μm)	l mm	Df mm	K mm
6	LMFP 6-UU	LMKP 6-UU	6	0 -9	12	0 -13	19	±300	5	28	22
8	LMFP 8-UU	LMKP 8-UU	8	0 -9	15	0 -13	24	±300	5	32	25
10	LMFP 10-UU	LMKP 10-UU	10	0 -9	19	0 -16	29	±300	6	40	30
12	LMFP 12-UU	LMKP 12-UU	12	0 -9	21	0 -16	30	±300	6	42	32
13	LMFP 13-UU	LMKP 13-UU	14	0 -9	23	0 -16	32	±300	6	43	34
16	LMFP 16-UU	LMKP 16-UU	16	0 -9	28	0 -16	37	±300	6	48	37
20	LMFP 20-UU	LMKP 20-UU	18	0 -10	32	0 -19	42	±300	8	54	42
25	LMFP 25-UU	LMKP 25-UU	20	0 -10	40	0 -19	59	±300	8	62	50
30	LMFP 30-UU	LMKP 30-UU	22	0 -10	45	0 -19	64	±300	10	74	58
35	LMFP 35-UU	LMKP 35-UU	24	0 -12	52	0 -22	70	±300	10	82	64
40	LMFP 40-UU	LMKP 40-UU	26	0 -12	60	0 -22	80	±300	13	96	75
50	LMFP 50-UU	LMKP 50-UU	28	0 -12	80	0 -22	100	±300	13	116	92
60	LMFP 60-UU	LMKP 60-UU	30	0 -15	90	0 -25	110	±300	18	134	106

Note:All sizes of LMF-E/LMK-E type are sealed on both sides.

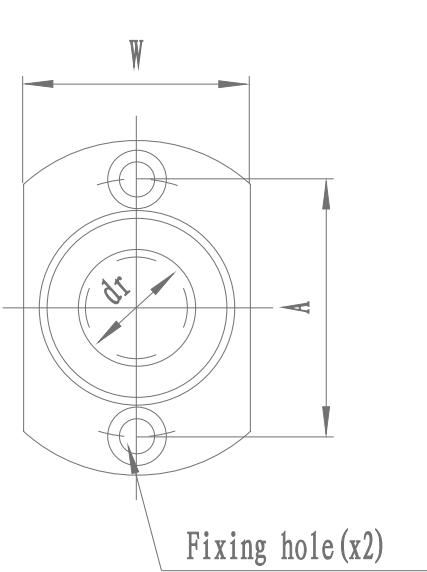
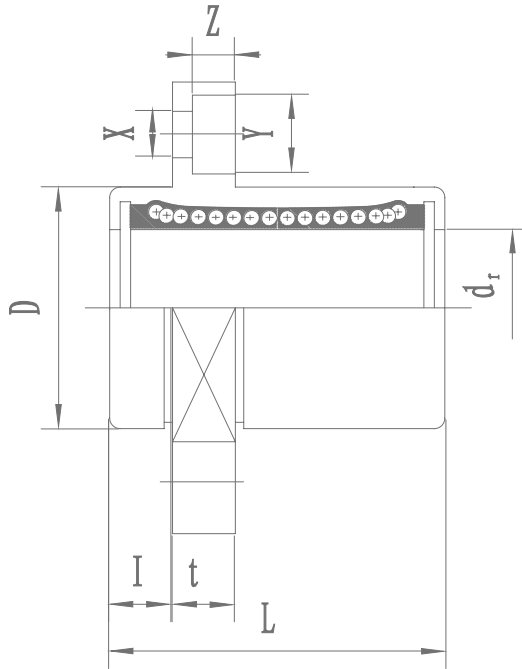
Part No.		Major dimenslons and tolerance					Eccentricity (μm)	Squareness (μm)	Basic load rating		Weight g	Nomlnal shaft diameter (mm)
Steel	Stainless Steel								Flange			
		LMFP(K)... UU	LMKP(K)... UU	t mm	Dp mm	X mm						
LMFP 6-UU	LMKP 6-UU	5	20	3.5	6.5	3.1	12	12	206	265	24 18	6
LMFP 8-UU	LMKP 8-UU	5	24	3.5	6.5	3.1	12	12	274	392	37 29	8
LMFP 10-UU	LMKP 10-UU	6	29	4.5	8	4.1	12	12	372	549	72 52	10
LMFP 12-UU	LMKP 12-UU	6	32	4.5	8	4.1	12	12	510	784	76 57	12
LMFP 13-UU	LMKP 13-UU	6	33	4.5	8	4.1	12	12	510	784	88 72	13
LMFP 16-UU	LMKP 16-UU	6	38	4.5	8	4.1	12	12	774	1180	120 104	16
LMFP 20-UU	LMKP 20-UU	8	43	5.5	9.5	5.1	15	15	882	1370	180 145	20
LMFP 25-UU	LMKP 25-UU	8	51	5.5	9.5	5.1	15	15	980	1570	340 300	25
LMFP 30-UU	LMKP 30-UU	10	60	6.6	11	6.1	15	15	1570	2740	470 375	30
LMFP 35-UU	LMKP 35-UU	10	67	6.6	11	6.1	20	20	1670	3140	650 560	35
LMFP 40-UU	LMKP 40-UU	13	78	9	14	8.1	20	20	2160	4020	1060 880	40
LMFP 50-UU	LMKP 50-UU	13	98	9	14	8.1	20	20	3820	7940	2200 2000	50
LMFP 60-UU	LMKP 60-UU	18	112	11	17.5	11.1	25	25	4700	10000	3000 2560	60

LMHP-UU

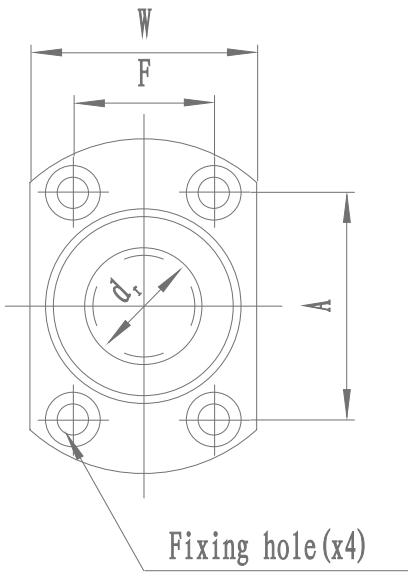
LMHP-UU



LMHP



LMHP 13 or less



LMHP 16 or more

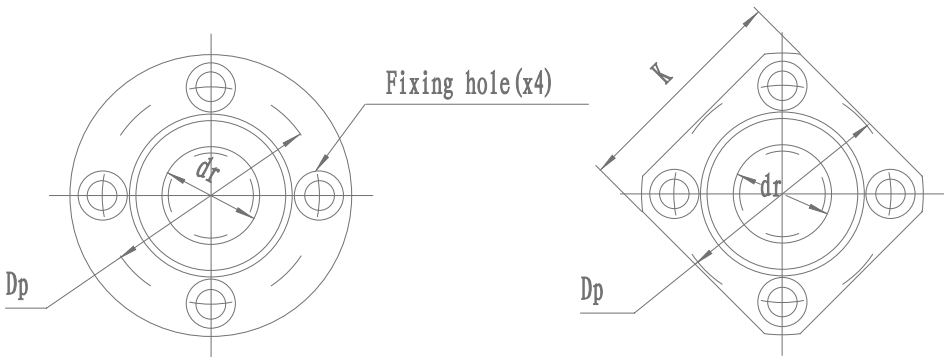
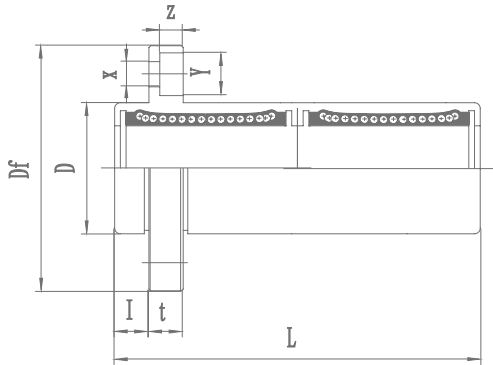
Nomlnal shaft diame-ter (mm)	Part No.	Major dimenslons and tolerance									
	LMHP...UU	dr		D		L		Flange			
		mm	Tolerance (μm)	mm	Tolerance (μm)	inch mm	Tolerance (μm)	I mm	Df mm	W mm	t mm
6	LMHP 6-UU	6	0-9	12	0-13	19	±300	5	28	18	5
8	LMHP 8-UU	8	0-9	15	0-13	24	±300	5	32	21	5
10	LMHP 10-UU	10	0-9	19	0-16	29	±300	6	40	25	6
12	LMHP 12-UU	12	0-9	21	0-16	30	±300	6	42	27	6
13	LMHP 13-UU	13	0-9	23	0-16	32	±300	6	43	29	6
16	LMHP 16-UU	16	0-9	28	0-16	37	±300	6	48	34	6
20	LMHP 20-UU	20	0-10	32	0-19	42	±300	8	54	38	8
25	LMHP 25-UU	25	0-10	40	0-19	59	±300	8	62	46	8
30	LMHP 30-UU	30	0-10	45	0-19	64	±300	10	74	51	10

Note:All sizes of LMHP type are sealed on both sides.

Part No.	Major dimensions and tolerance					Eccentricity (μm)	Squareness (μm)	Basic load rating		Weight g	Nomlnal shaft diameter (mm)
LMHP...UU	Flange							dynamic (C N)	static (Co N)		
	A mm	F mm	X mm	Y mm	Z mm						
LMHP 6-UU	20	-	3.5	6.5	3.1	12	12	206	265	21	6
LMHP 8-UU	24	-	3.5	6.5	3.1	12	12	274	392	33	8
LMHP 10-UU	29	-	4.5	8	4.1	12	12	372	549	64	10
LMHP 12-UU	32	-	4.5	8	4.1	12	12	510	784	68	12
LMHP 13-UU	33	-	4.5	8	4.1	12	12	510	784	81	13
LMHP 16-UU	31	22	4.5	8	4.1	12	12	774	1180	112	16
LMHP 20-UU	36	24	5.5	9.5	5.1	15	15	882	1370	167	20
LMHP 25-UU	40	32	5.5	9.5	5.1	15	15	980	1570	325	25
LMHP 30-UU	49	35	6.6	11	6.1	15	15	1570	2740	388	30

▶ LMFP □ L-UU/LMKP □ L-UU

▶ LMFP □ L-UU/LMKP □ L-UU



LMFP-L

LMKP-L

LMFP-L

LMKP-L

Nomlinal shaft diame-ter (mm)	Part No.		Major dimenslons and tolerance								
	Steel	Stainless Steel	dr		D		L		Flange		
	LMFP...LUU	LMKP...LUU	mm	Tolerance (μm)	mm	Tolerance (μm)	inch mm	Tolerance (μm)	I mm	Df mm	K mm
	LMFP...LUU	LMKP...LUU	mm	Tolerance (μm)	mm	Tolerance (μm)	inch mm	Tolerance (μm)	I mm	Df mm	K mm
6	LMFP 6L-UU	LMKP 6L-UU	6	0 -10	12	0 -13	35	±300	5	28	22
8	LMFP 8L-UU	LMKP 8L-UU	8	0 -10	15	0 -13	45	±300	5	32	25
10	LMFP 10L-UU	LMKP 10L-UU	10	0 -10	19	0 -16	55	±300	6	40	30
12	LMFP 12L-UU	LMKP 12L-UU	12	0 -10	21	0 -16	57	±300	6	42	32
13	LMFP 13L-UU	LMKP 13L-UU	13	0 -10	23	0 -16	61	±300	6	43	34
16	LMFP 16L-UU	LMKP 16L-UU	16	0 -10	28	0 -16	70	±300	6	48	37
20	LMFP 20L-UU	LMKP 20L-UU	20	0 -12	32	0 -19	80	±300	8	54	42
25	LMFP 25L-UU	LMKP 25L-UU	25	0 -12	40	0 -19	112	±300	8	62	50
30	LMFP 30L-UU	LMKP 30L-UU	30	0 -12	45	0 -19	123	±300	10	74	58
35	LMFP 35L-UU	LMKP 35L-UU	35	0 -15	52	0 -22	135	±300	10	82	64
40	LMFP 40L-UU	LMKP 40L-UU	40	0 -15	60	0 -22	151	±300	13	96	75
50	LMFP 50L-UU	LMKP 50L-UU	50	0 -15	80	0 -22	192	±300	13	116	92
60	LMFP 60L-UU	LMKP 60L-UU	60	0 -20	90	0 -25	209	±300	18	134	106

Part No.		Major dimenslons and tolerance					Eccentricity (μm)	Squareness (μm)	Basic load rating		Weight g	Nomlnal shaft diameter (mm)
Steel	Stainless Steel	Flange							dynamic (C N)	static (Co N)		
LMFP...LUU	LMKP...LUU	t mm	Dp mm	X mm	Y mm	Z mm						
LMFP 6L-UU	LMKP 6L-UU	5	20	3.5	6.5	3.1	15	15	323	529	31 25	6
LMFP 8L-UU	LMKP 8L-UU	5	24	3.5	6.5	3.1	15	15	431	784	51 43	8
LMFP 10L-UU	LMKP 10L-UU	6	29	4.5	8	4.1	15	15	588	1100	98 78	10
LMFP 12L-UU	LMKP 12L-UU	6	32	4.5	8	4.1	15	15	813	1570	110 90	12
LMFP 13L-UU	LMKP 13L-UU	6	33	4.5	8	4.1	15	15	813	1570	130 108	13
LMFP 16L-UU	LMKP 16L-UU	6	38	4.5	8	4.1	15	15	1230	2350	190 165	16
LMFP 20L-UU	LMKP 20L-UU	8	43	5.5	9.5	5.1	20	20	1400	2740	260 225	20
LMFP 25L-UU	LMKP 25L-UU	8	51	5.5	9.5	5.1	20	20	1560	3140	540 500	25
LMFP 30L-UU	LMKP 30L-UU	10	60	6.6	11	6.1	20	20	2490	5490	680 590	30
LMFP 35L-UU	LMKP 35L-UU	10	67	6.6	11	6.1	25	25	2650	6270	1020 930	35
LMFP 40L-UU	LMKP 40L-UU	13	78	9	14	8.1	25	25	3430	8040	1570 1380	40
LMFP 50L-UU	LMKP 50L-UU	13	98	9	14	8.1	25	25	6080	15900	3600 3400	50
LMFP 60L-UU	LMKP 60L-UU	18	112	11	17.5	11.1	30	30	7550	20000	4500 4060	60

Note:All sizes of LMFP/LMKP type are sealed on both sides.

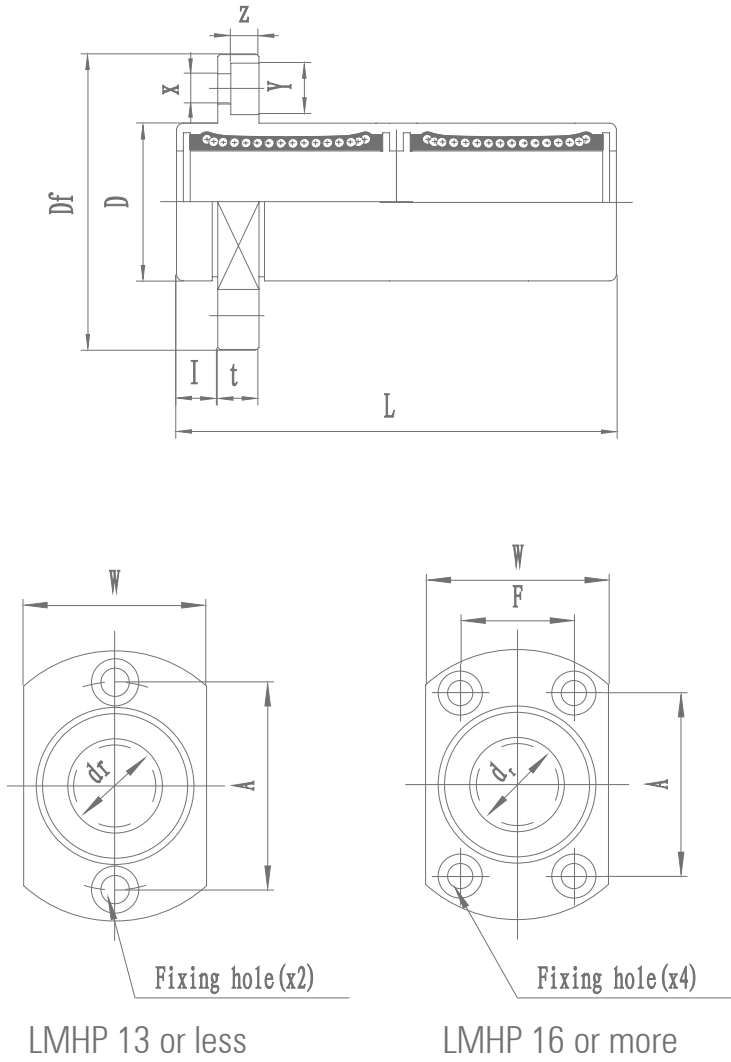
▶ LMHP □ L-UU



LMHP-L

Nomlnal shaft diame-ter (mm)	Part No.	Major dimenslons and tolerance									
	LMHP ...LUU	dr		D		L		Flange			
		mm	Tolerance (μm)	mm	Tolerance (μm)	inch mm	Tolerance (μm)	I mm	Df mm	W mm	t mm
6	LMHP 6L-UU	6	0-10	12	0-13	35	±300	5	28	18	5
8	LMHP 8L-UU	8	0-10	15	0-13	45	±300	5	32	21	5
10	LMHP 10L-UU	10	0-10	19	0-16	55	±300	6	40	25	6
12	LMHP 12L-UU	12	0-10	21	0-16	57	±300	6	42	27	6
13	LMHP 13L-UU	13	0-10	23	0-16	61	±300	6	43	29	6
16	LMHP 16L-UU	16	0-10	28	0-16	70	±300	6	48	34	6
20	LMHP 20L-UU	20	0-12	32	0-19	80	±300	8	54	38	8
25	LMHP 25L-UU	25	0-12	40	0-19	112	±300	8	62	46	8
30	LMHP 30L-UU	30	0-12	45	0-19	123	±300	10	74	51	10

▶ LMHP □ L-UU



Part No.	Major dimenslons and tolerance					Eccentricity (μm)	Squareness (μm)	Basic load rating		Weight g	Nomlnal shaft diameter (mm)
LMHP...LUU	Flange							dynamic (C N)	static (Co N)		
	A mm	Dp mm	X mm	Y mm	Z mm						
LMHP 6L-UU	20	-	3.5	6.5	3.1	15	15	323	529	28	6
LMHP 8L-UU	24	-	3.5	6.5	3.1	15	15	431	784	47	8
LMHP 10L-UU	29	-	4.5	8	4.1	15	15	588	1100	90	10
LMHP 12L-UU	32	-	4.5	8	4.1	15	15	813	1570	102	12
LMHP 13L-UU	33	-	4.5	8	4.1	15	15	813	1570	123	13
LMHP 16L-UU	31	22	4.5	8	4.1	15	15	1230	2350	182	16
LMHP 20L-UU	36	24	5.5	9.5	5.1	20	20	1400	2740	247	20
LMHP 25L-UU	40	32	5.5	9.5	5.1	20	20	1560	3140	525	25
LMHP 30L-UU	49	35	6.6	11	6.1	20	20	2490	5490	645	30

LMFC-UU/LMKC-UU

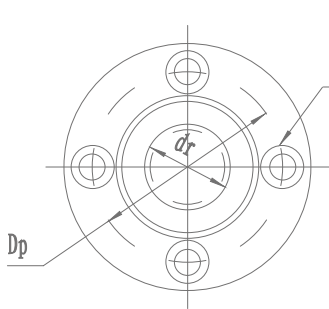
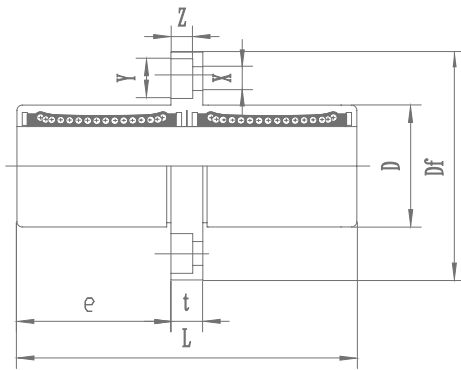
LMFC-UU/LMKC-UU



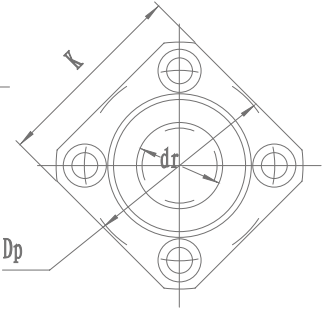
LMFC



LMKC



LMFC



LMKC

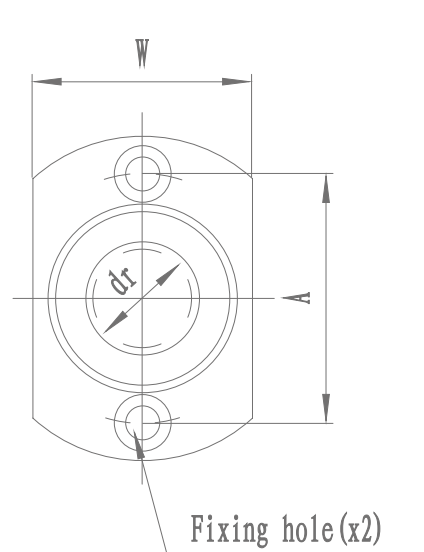
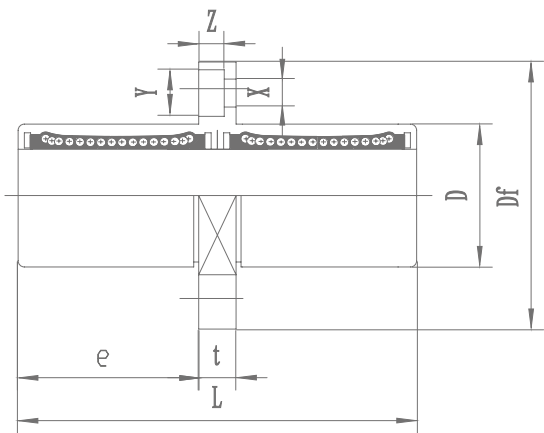
Seal type: LMFC10 UU

Nomlnal shaft diame-ter (mm)	Part No.		Major dimenslons and tolerance								
	Steel	Stainless Steel	dr		D		L		Flange		
	LMFC...UU	LMKC...UU	mm	Tolerance (μm)	mm	Tolerance (μm)	inch mm	Tolerance (μm)	e mm	Df mm	K mm
6	LMFC 6-UU	LMKC 6-UU	6	0 -10	12	0 -13	35	±300	15	28	22
8	LMFC 8-UU	LMKC 8-UU	8	0 -10	15	0 -13	45	±300	20	32	25
10	LMFC 10-UU	LMKC 10-UU	10	0 -10	19	0 -16	55	±300	24.5	40	30
12	LMFC 12-UU	LMKC 12-UU	12	0 -10	21	0 -16	57	±300	25.5	42	32
13	LMFC 13-UU	LMKC 13-UU	13	0 -10	23	0 -16	61	±300	27.5	43	34
16	LMFC 16-UU	LMKC 16-UU	16	0 -10	28	0 -16	70	±300	32	48	37
20	LMFC 20-UU	LMKC 20-UU	20	0 -12	32	0 -19	80	±300	36	54	42
25	LMFC 25-UU	LMKC 25-UU	25	0 -12	40	0 -19	112	±300	52	62	50
30	LMFC 30-UU	LMKC 30-UU	30	0 -12	45	0 -19	123	±300	56.5	74	58
35	LMFC 35-UU	LMKC 35-UU	35	0 -15	52	0 -22	135	±300	62.5	82	64
40	LMFC 40-UU	LMKC 40-UU	40	0 -15	60	0 -22	151	±300	69	96	75
50	LMFC 50-UU	LMKC 50-UU	50	0 -15	80	0 -22	192	±300	89.5	116	92
60	LMFC 60-UU	LMKC 60-UU	60	0 -20	90	0 -25	209	±300	95.5	134	106

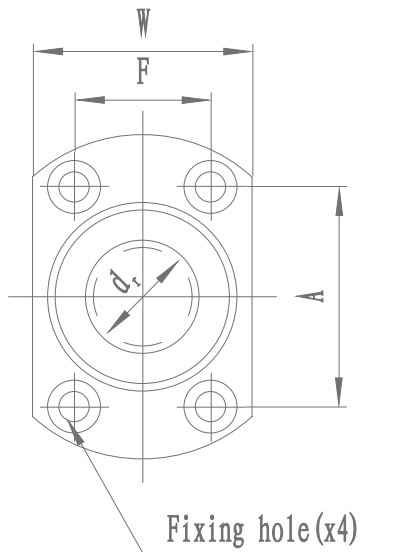
Part No.		Major dimenslons and tolerance					Eccentricity (μm)	Squareness (μm)	Basic load rating		Weight g	Nomlnal shaft diameter (mm)
Steel	Stainless Steel								Flange			
		LMFC...UU	LMKC...UU	t mm	Dp mm	X mm						
LMFC 6-UU	LMKC 6-UU	5	20	3.5	6.5	3.1	15	15	323	529	31 25	6
LMFC 8-UU	LMKC 8-UU	5	24	3.5	6.5	3.1	15	15	431	784	51 43	8
LMFC 10-UU	LMKC 10-UU	6	29	4.5	8	4.1	15	15	588	1100	98 78	10
LMFC 12-UU	LMKC 12-UU	6	32	4.5	8	4.1	15	15	813	1570	110 90	12
LMFC 13-UU	LMKC 13-UU	6	33	4.5	8	4.1	15	15	813	1570	130 108	13
LMFC 16-UU	LMKC 16-UU	6	38	4.5	8	4.1	15	15	1230	2350	190 165	16
LMFC 20-UU	LMKC 20-UU	8	43	5.5	9.5	5.1	20	20	1400	2740	260 225	20
LMFC 25-UU	LMKC 25-UU	8	51	5.5	9.5	5.1	20	20	1560	3140	540 500	25
LMFC 30-UU	LMKC 30-UU	10	60	6.6	11	6.1	20	20	2490	5490	680 590	30
LMFC 35-UU	LMKC 35-UU	10	67	6.6	11	6.1	25	25	2650	6270	1020 930	35
LMFC 40-UU	LMKC 40-UU	13	78	9	14	8.1	25	25	3430	8040	1570 1380	40
LMFC 50-UU	LMKC 50-UU	13	98	9	14	8.1	25	25	6080	15900	3600 3400	50
LMFC 60-UU	LMKC 60-UU	18	112	11	17.5	11.1	30	30	7550	20000	4500 4060	60

▶ LMHC-UU

▶ LMHC-UU



LMHC 13 or less



LMHC 16 or more

Nomlnal shaft diameter (mm)	Part No.	Major dimenslons and tolerance									
	Steel	dr		D		L		Flange			
	LMHC...LUU	mm	Tolerance (μm)	mm	Tolerance (μm)	inch mm	Tolerance (μm)	e mm	Df mm	W mm	t mm
6	LMHC 6-UU	6	0 -10	12	0 -13	35	±300	15	28	18	5
8	LMHC 8-UU	8	0 -10	15	0 -13	45	±300	20	32	21	5
10	LMHC 10-UU	10	0 -10	19	0 -16	55	±300	24.5	40	25	6
12	LMHC 12-UU	12	0 -10	21	0 -16	57	±300	25.5	42	27	6
13	LMHC 13-UU	13	0 -10	23	0 -16	61	±300	27.5	43	29	6
16	LMHC 16-UU	16	0 -10	28	0 -16	70	±300	32	48	34	6
20	LMHC 20-UU	20	0 -12	32	0 -19	80	±300	36	54	38	8
25	LMHC 25-UU	25	0 -12	40	0 -19	112	±300	52	62	46	8
30	LMHC 30-UU	30	0 -12	45	0 -19	123	±300	56.5	74	51	10

Note:All sizes of LMHC type are sealed on both sides.

Part No.	Major dimenslons and tolerance					Eccentricity (μm)	Squareness (μm)	Basic load rating		Weight g	Nomlnal shaft diameter (mm)
Steel	Flange							dynamic (C N)	static (Co N)		
LMHC...LUU	A mm	Dp mm	X mm	Y mm	Z mm						
LMHC 6-UU	20	-	3.5	6.5	3.1	15	15	323	529	28	6
LMHC 8-UU	24	-	3.5	6.5	3.1	15	15	431	784	47	8
LMHC 10-UU	29	-	4.5	8	4.1	15	15	588	1100	90	10
LMHC 12-UU	32	-	4.5	8	4.1	15	15	813	1570	102	12
LMHC 13-UU	33	-	4.5	8	4.1	15	15	813	1570	123	13
LMHC 16-UU	31	22	4.5	8	4.1	15	15	1230	2350	182	16
LMHC 20-UU	36	24	5.5	9.5	5.1	20	20	1400	2740	247	20
LMHC 25-UU	40	32	5.5	9.5	5.1	20	20	1560	3140	525	25
LMHC 30-UU	49	35	6.6	11	6.1	20	20	2490	5490	645	30

▶ LMEFC-UU/LMEKC-UU

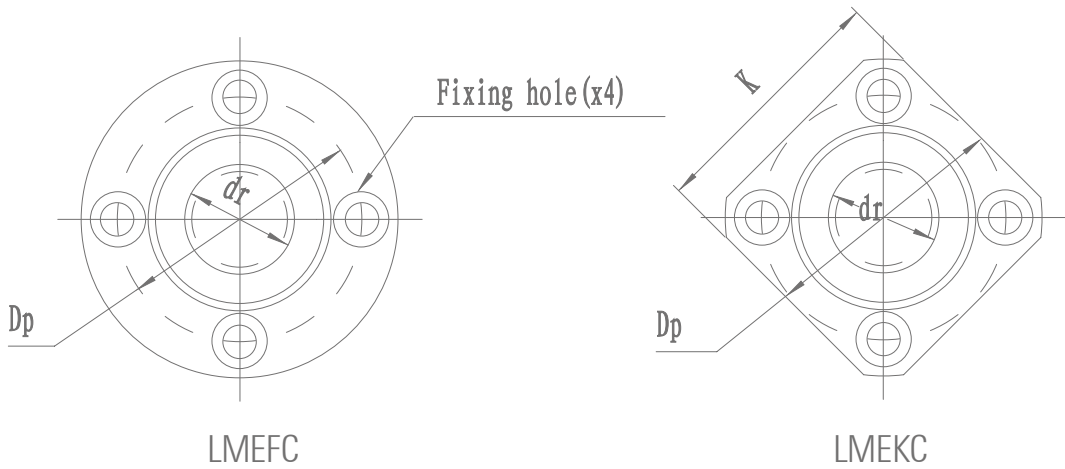
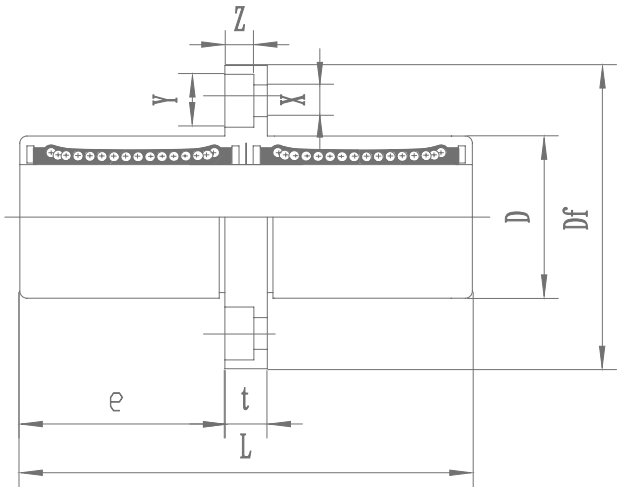
▶ LMEFC-UU/LMEKC-UU



LMEFC



LMEKC



Seal type: LMEFC10 UU

Nomlnal shaft diame-ter (mm)	Part No.		Major dimenlons and tolerance								
	Steel	Stalnless Steel	dr		D		L		Flange		
	LMEFC...UU	LMKC...UU	mm	Tolerance (μm)	mm	Tolerance (μm)	inch mm	Tolerance (μm)	e mm	Df mm	W mm
8	LMEFC 8-UU	LMKC 8-UU	8	+9 -1	15	0 -13	46	±300	20.5	32	25
12	LMEFC 12-UU	LMKC 12-UU	12	+9 -1	21	0 -18	61	±300	27.5	42	32
16	LMEFC 16-UU	LMKC 16-UU	16	+11 -1	28	0 -18	68	±300	31	46	35
20	LMEFC 20-UU	LMKC 20-UU	20	+11 -1	32	0 -19	80	±300	36	54	42
25	LMEFC 25-UU	LMKC 25-UU	25	+13 -2	40	0 -19	112	±300	52	62	50
30	LMEFC 30-UU	LMKC 30-UU	30	+13 -2	45	0 -19	123	±300	56.5	76	60
40	LMEFC 40-UU	LMKC 40-UU	40	+16 -4	60	0 -22	151	±300	69	98	75
50	LMEFC 50-UU	LMKC 50-UU	50	+16 -4	80	0 -22	192	±300	89.5	112	88
60	LMEFC 60-UU	LMKC 60-UU	60	+16 -4	90	0 -25	209	±300	95.5	134	106

Part No.		Major dimenlons and tolerance					Eccentricity (μm)	Squareness (μm)	Basic load rating		Weight g	Nomlnal shaft diameter (mm)
Steel	Stainless Steel								Flange			
		LMEFC...UU	LMKC...UU	t mm	Dp mm	X mm						
LMEFC 8-UU	LMKC 8-UU	5	24	3.5	6.5	3.1	15	15	421	804	59 51	6
LMEFC 12-UU	LMKC 12-UU	6	32	4.5	8	4.1	15	15	813	1570	110 90	12
LMEFC 16-UU	LMKC 16-UU	6	36	4.5	8	4.1	15	15	921	1780	160 135	16
LMEFC 20-UU	LMKC 20-UU	8	43	5.5	9.5	5.1	15	15	1370	2740	260 225	20
LMEFC 25-UU	LMKC 25-UU	8	51	5.5	9.5	5.1	15	15	1570	3140	540 500	25
LMEFC 30-UU	LMKC 30-UU	10	62	6.6	11	6.1	15	15	2500	5490	815 720	30
LMEFC 40-UU	LMKC 40-UU	13	80	9	14	8.1	20	20	3430	8040	1805 1600	40
LMEFC 50-UU	LMKC 50-UU	13	94	9	14	8.1	20	20	6080	15900	2820 2620	50
LMEFC 60-UU	LMKC 60-UU	18	112	11	17.5	11.1	20	20	7550	20000	4920 4480	60

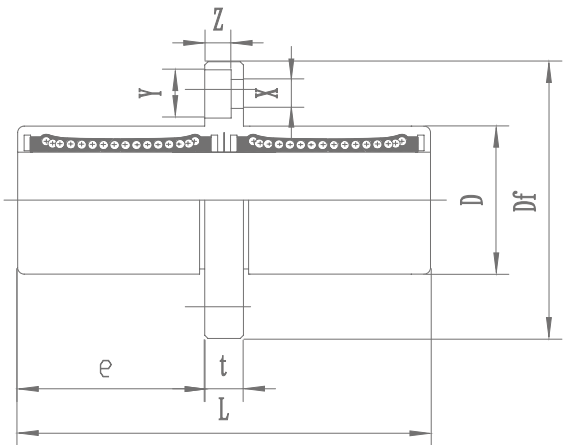
▶ LMBFC-UU/LMBKC-UU



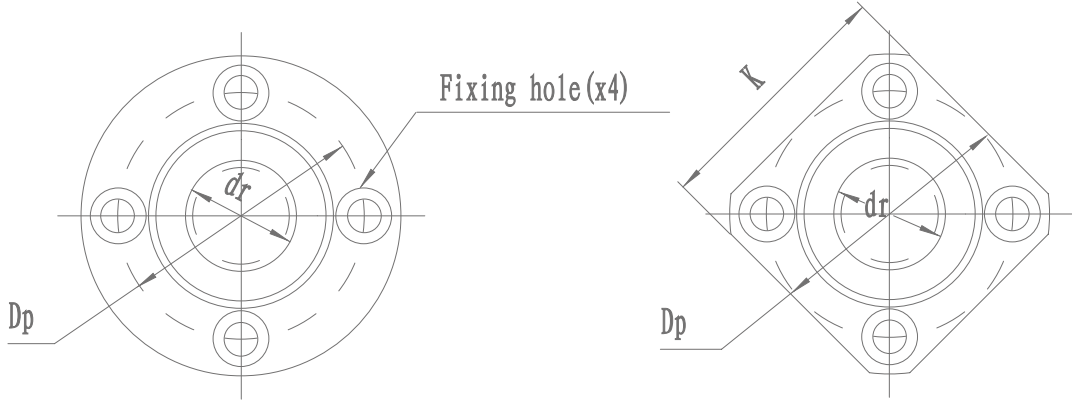
LMBFC



LMBKC



▶ LMBFC-UU/LMBKC-UU



LMBFC

LMBKC

Seal type: LMBFC10 UU

Nomlnal shaft diame-ter (mm)	Part No.		Major dimensions and tolerance								
	Steel	Stainless Steel	dr		D		L		Flange		
	LMBFC...UU	LMBKC...UU	mm	Tolerance (μm)	mm	Tolerance (μm)	inch mm	Tolerance (μm)	e mm	Df mm	W mm
1/4 6.350	LMBFC 4-UU	LMBKC 4-UU	0.2500 6.350	+9 -1	0.5000 12.700	0 -13	1.3750 34.925	±300	0.5781 14.684	1.2500 31.750	1.0000 25.400
3/8 9.525	LMBFC 6-UU	LMBKC 6-UU	0.3750 9.525	+9 -1	0.6250 15.875	0 -18	1.5938 40.481	±300	0.6719 17.066	1.5000 38.100	1.2500 31.750
1/2 12.700	LMBFC 8-UU	LMBKC 8-UU	0.5000 12.700	+11 -1	0.8750 22.225	0 -18	2.3750 60.325	±300	1.0625 26.988	1.7500 44.450	1.3750 34.925
5/8 15.875	LMBFC 10-UU	LMBKC 10-UU	0.6250 15.875	+11 -1	1.1250 28.575	0 -19	2.8125 71.438	±300	1.2813 32.544	2.0000 50.800	1.5000 38.100
3/4 19.050	LMBFC 12-UU	LMBKC 12-UU	0.7500 19.050	+13 -2	1.2500 31.750	0 -19	3.0937 78.581	±300	1.3906 35.322	2.1875 55.563	1.6875 42.863
1 24.400	LMBFC 16-UU	LMBKC 16-UU	1.0000 31.750	+13 -2	1.5625 39.688	0 -19	4.3813 108.744	±300	1.9844 50.403	2.5000 63.500	2.0000 50.800
1-1/4 31.750	LMBFC 20-UU	LMBKC 20-UU	1.2500 31.750	+16 -4	2.0000 50.800	0 -22	5.0000 127.000	±300	2.3125 58.738	3.1250 79.375	2.5000 63.500
1-1/2 38.100	LMBFC 24-UU	LMBKC 24-UU	1.5000 38.100	+16 -4	2.3750 60.325	0 -22	5.6875 144.463	±300	2.5938 65.882	3.7500 95.250	3.0000 76.200
2 50.800	LMBFC 32-UU	LMBKC 32-UU	2.0000 50.800	+16 -4	3.0000 76.200	0 -25	7.7500 196.850	±300	3.6250 92.075	4.3750 111.125	3.5000 88.900

Part No.		Major dimenslons and tolerance					Eccentricity (μm)	Squareness (μm)	Basic load rating		Weight g	Nomlnal shaft diameter (mm)
Steel	Stainless Steel								Flange			
LMBFC...UU	LMBKC...UU	t mm	Dp mm	X mm	Y mm	Z mm						
LMBFC 4-UU	LMBKC 4-UU	0.2188 5.556	0.8750 22.225	0.1563 3.969	0.2500 6.350	0.1406 3.572	0.0006 15	0.0006 15	323	530	40 33	1/4 6.350
LMBFC 6-UU	LMBKC 6-UU	0.2500 6.350	1.0620 26.988	0.1875 4.736	0.2969 7.541	0.1719 4.366	0.0006 15	0.0006 15	353	630	60 45	3/8 9.525
LMBFC 8-UU	LMBKC 8-UU	0.2500 6.350	1/2 12.700	0.1875 4.736	0.2969 7.541	0.1719 4.366	0.0006 15	0.0006 15	813	1570	126 106	1/2 12.700
LMBFC 10-UU	LMBKC 10-UU	0.2500 6.350	5/8 15.875	0.1875 4.736	0.2970 7.541	0.1719 4.366	0.0006 15	0.0006 15	1230	2350	215 200	5/8 15.875
LMBFC 12-UU	LMBKC 12-UU	0.3125 7.938	3/4 19.050	0.2188 5.556	0.3438 8.731	0.2031 5.159	0.0008 20	0.0008 20	1370	2740	280 240	3/4 19.050
LMBFC 16-UU	LMBKC 16-UU	0.3125 7.938	1 24.400	0.2188 5.556	0.3438 8.731	0.2031 5.159	0.0008 20	0.0008 20	1570	3140	515 470	1 24.400
LMBFC 20-UU	LMBKC 20-UU	0.3750 9.525	1-1/4 31.750	0.2813 7.144	0.4063 10.319	0.2656 6.747	0.0010 25	0.0010 25	2500	5490	1020 935	1-1/4 31.750
LMBFC 24-UU	LMBKC 24-UU	0.5000 12.700	1-1/2 38.100	0.3437 8.731	0.5000 12.700	0.3281 8.334	0.0010 25	0.0010 25	3430	8040	1630 1460	1-1/2 38.100
LMBFC 32-UU	LMBKC 32-UU	0.5000 12.700	2w 50.800	0.3437 8.731	0.5000 12.700	0.3281 8.334	0.0012 30	0.0012 30	6080	15900	2800 2620	2 50.800