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TECHNOMET ENTERPRISES



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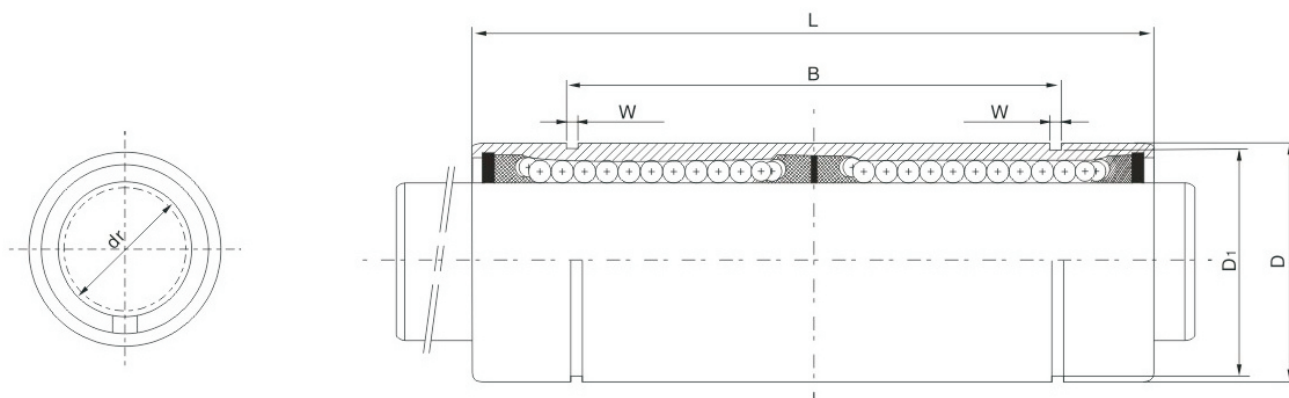
LM..LUU LME..LUU



SI UNIT: 1N =0.102kgf Unit: mm

Model No.	Ball Circuit	Weight (g)	Inner Diameter		Outer diameter	
			dr	Tolerance	D	Tolerance
LM6LUU	4	16	6	0-0.010	12	0-0.013
LM8LUU	4	31	8		15	
LM10LUU	4	62	10		19	0-0.016
LM12LUU	5	80	12		21	
LM13LUU	5	90	13		23	
LM16LUU	5	145	16	28	0-0.019	
LM20LUU	6	180	20	32		
LM25LUU	6	440	25	40		
LM30LUU	6	580	30	45		
LM35LUU	6	795	35	0-0.012	52	0-0.022
LM40LUU	6	1170	40		60	
LM50LUU	6	2100	50		80	
LM60LUU	6	3500	60	0-0.020	90	0-0.025

Model No.	Ball Circuit	Weight (g)	Inner Diameter		Outer Diameter	
			dr	Tolerance	D	Tolerance
LME8LUU	4	31	8	+0.009-0.001	16	0-0.009
LME12LUU	5	80	12		22	0-0.011
LME16LUU	5	145	16	+ 0.011-0.001	26	
LME20LUU	6	180	20		32	
LME25LUL	6	440	25		+0.013-0.002	40
LME30LUU	6	580	30	47		
LME40LUU	6	1170	40	+0.016-0.004	62	0-0.015
LME50LUU	6	3100	50		75	
LME60LUU	6	3500	60		90	0-0.020



SI UNIT: 1N = 0.102kgf Unit: mm

Length		B		W	D ₁	Eccentricity (max) μm	Radial Clearance Tolerance	Basic Load Rating		Model No.
L	Tolerance		Tolerance					Dynamic CN	Static CoN	
35	0-0.3	27	0-0.3	1.1	11.5	15	15	324	529	LM6LUU
45		35		1.1	14.3	15	15	413	784	LM8LUU
55		44		1.3	18	15	15	588	1100	LM10LUU
57		46		1.3	20	15	15	657	1200	LM12LUU
61		46		1.3	22	15	15	814	1570	LM13LUU
70		53		1.6	27	15	15	1230	2350	LM16LUU
80		61		1.6	30.5	20	20	1400	2750	LM20LUU
112		0-0.4		82	0-0.4	1.85	38	20	20	1560
123	89		1.85	43		20	20	2490	5490	LM30LUU
135	99		2.1	49		25	25	2650	6470	LM35LUU
154	121		2.1	57		25	25	3430	8040	LM40LUU
192	148		2.6	76.5		25	25	6080	15900	LM50LUU
211	170		3.15	86.5		25	25	7650	20000	LM60LUU

Length		B		W	D ₁	Eccentricity (max) μm	Radial Clearance Tolerance	Basic Load Rating		Model No.
L	Tolerance		Tolerance					Dynamic CN	Static CoN	
45	0-0.3	33	0-0.3	1.1	15.2	15	15	431	784	LME8LUU
57		45.8		1.3	21			657	1200	LME12LUU
70		49.8		1.3	24.9			1230	2350	LME16LUU
80		61		1.6	30.5			1400	2750	LME20LUU
112	0-0.4	82	0-0.4	1.85	38	17	20	1560	3140	LME25LUU
123		104.2		1.85	44.5			2490	5490	LME30LUU
154		121.2		2.15	59	20	25	3430	8040	LME40LUU
192		155.2		2.65	72			6080	15900	LME50LUU
211		170		3.15	86.5			25	7650	20000

LMF...LUU LMK...LUU



LMF-L

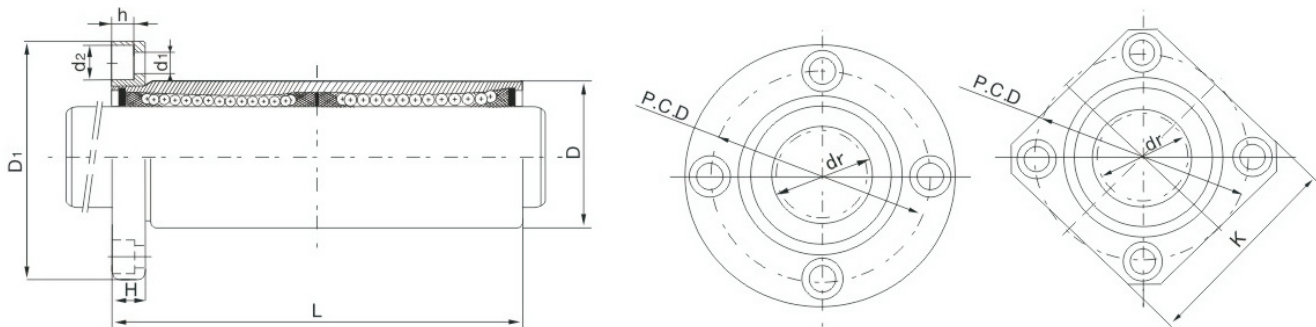


LMK-L

SI UNIT: 1N=0.102kgf Unit: mm

H	P. C. D	Hole for Attachment d1Xd2Xh	Angular Radial Tolerance of Flange μm	Eccentricity (max) μm	Radial Clearance Tolerance	Basic Load Rating		Model No.
						Dynamic (GN)	Static (CoN)	
5	20	3. 4X6. 5X3. 3	15	15	-5	324	529	LMF6LUU
5	24	3. 4X6. 5X3. 3	15	15	-5	431	784	LMF8LUU
6	29	4. 5X8X4. 4	15	15	-5	588	1100	LMF10LUU
6	32	4. 5X8X4. 4	15	15	-5	657	1200	LMF12LUU
6	33	4. 5X8X4. 4	15	15	-7	814	1570	LMF13LUU
6	38	4. 5X8X4. 4	15	15	-7	1230	2350	LMF16LUU
8	43	5. 5X9. 5X5. 4	20	20	-9	1400	2750	LMF20LUU
8	51	5. 5X9. 5X5. 4	20	20	-9	1560	3140	LMF25LUU
10	60	6. 6X11X6. 5	20	20	-9	2490	5490	LMF30LUU
10	67	6. 6X11X6. 5	25	25	-13	2650	6270	LMF35LUU
13	78	9X14X8. 6	25	25	-13	3430	8040	LMF40LUU
13	98	9X14X8. 6	25	25	-13	6080	15900	LMF50LUU
18	112	11X17. 5X10. 8	25	25	-13	7650	20000	LMF60LUU

K	H	P. C. D	Hole for Attachment d1Xd2Xh	Angular Radial Tolerance of Flange μm	Eccentricity (max) μm	Radial Clearance Tolerance	Basic Load Rating		Model No.
							Dynamic (GN)	Static (CoN)	
22	5	20	3. 4X6. 5X3. 3	15	15	-5	324	529	LMK6LUU
25	5	24	3. 4X6. 5X3. 3	15	15	-5	431	784	LMK8LUU
30	6	29	4. 5X8X4. 4	15	15	-5	588	1100	LMK10LUU
32	6	32	4. 5X8X4. 4	15	15	-5	657	1200	LMK12LUU
34	6	33	4. 5X8X4. 4	15	15	-7	814	1570	LMK13LUU
37	6	38	4. 5X8X4. 4	15	15	-7	1230	2350	LMK16LUU
42	8	43	5. 5X9. 5X5. 4	20	20	-9	1400	2750	LMK20LUU
50	8	51	5. 5X9. 5X5. 4	20	20	-9	1560	3140	LMK25LUU
58	10	60	6. 6X11X6. 5	20	20	-9	2490	5490	LMK30LUU
64	10	67	6. 6X11X6. 5	25	25	-13	2650	6270	LMK35LUU
75	13	78	9X14X8. 6	25	25	-13	3430	8040	LMK40LUU
92	13	98	9X14X8. 6	25	25	-13	6080	15900	LMK50LUU
106	18	112	11X17. 5X10. 8	25	25	-13	7650	20000	LMK60LUU



SI UNIT: 1N=0.102kgf Unit: mm

H	P. C. D	Hole for Attachment d ₁ Xd ₂ Xh	Angular Radial Tolerance of Flange μm	Eccentricity (max) μm	Radial Clearance Tolerance	Basic Load Rating		Model No.
						Dynamic (CN)	Static (CoN)	
5	20	3.4X6.5X3.3	15	15	-5	324	529	LMF6LUU
5	24	3.4X6.5X3.3	15	15	-5	431	784	LMF8LUU
6	29	4.5X8X4.4	15	15	-5	588	1100	LMF10LUU
6	32	4.5X8X4.4	15	15	-5	657	1200	LMF12LUU
6	33	4.5X8X4.4	15	15	-7	814	1570	LMF13LUU
6	38	4.5X8X4.4	15	15	-7	1230	2350	LMF16LUU
8	43	5.5X9.5X5.4	20	20	-9	1400	2750	LMF20LUU
8	51	5.5X9.5X5.4	20	20	-9	1560	3140	LMF25LUU
10	60	6.6X11X6.5	20	20	-9	2490	5490	LMF30LUU
10	67	6.6X11X6.5	25	25	-13	2650	6270	LMF35LUU
13	78	9X14X8.6	25	25	-13	3430	8040	LMF40LUU
13	98	9X14X8.6	25	25	-13	6080	15900	LMF50LUU
18	112	11X17.5X10.8	25	25	-13	7650	20000	LMF60LUU

K	H	P. C. D	Hole for Attachment d ₁ Xd ₂ Xh	Angular Radial Tolerance of Flange μm	Eccentricity (max) μm	Radial Clearance Tolerance	Basic Load Rating		Model No.
							Dynamic (CN)	Static (CoN)	
22	5	20	3.4X6.5X3.3	15	15	-5	324	529	LMK6LUU
25	5	24	3.4X6.5X3.3	15	15	-5	431	784	LMK8LUU
30	6	29	4.5X8X4.4	15	15	-5	588	1100	LMK10LUU
32	6	32	4.5X8X4.4	15	15	-5	657	1200	LMK12LUU
34	6	33	4.5X8X4.4	15	15	-7	814	1570	LMK13LUU
37	6	38	4.5X8X4.4	15	15	-7	1230	2350	LMK16LUU
42	8	43	5.5X9.5X5.4	20	20	-9	1400	2750	LMK20LUU
50	8	51	5.5X9.5X5.4	20	20	-9	1560	3140	LMK25LUU
58	10	60	6.6X11X6.5	20	20	-9	2490	5490	LMK30LUU
64	10	67	6.6X11X6.5	25	25	-13	2650	6270	LMK35LUU
75	13	78	9X14X8.6	25	25	-13	3430	8040	LMK40LUU
92	13	98	9X14X8.6	25	25	-13	6080	15900	LMK50LUU
106	18	112	11X17.5X10.8	25	25	-13	7650	20000	LMK60LUU

LMH..LUU/LMSH..LUU



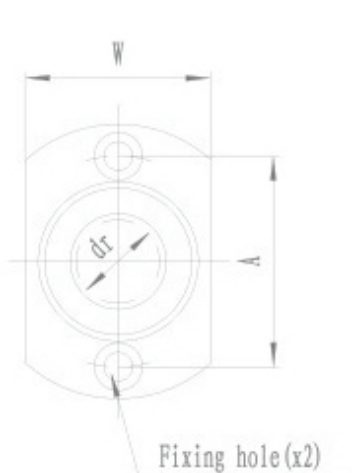
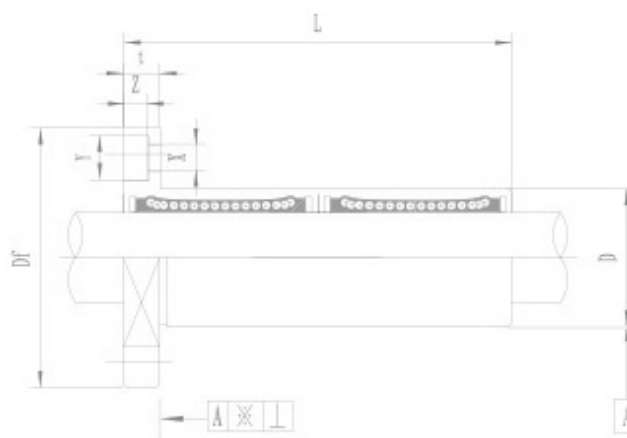
LMH-L



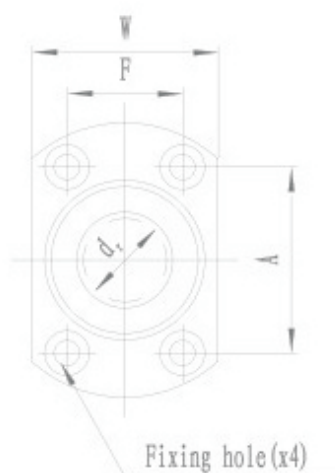
LMSH-L

Nominal Shaft Diameter (mm)	Model No.		Weight (g)	Major Dimensions and Tolerance						
	Bearing Steel Type	Stainless Steel Type		dr		D		D _f	L	
				mm	Tolerance (μm)	mm	Tolerance (μm)		mm	Tolerance (μm)
6	LMH6L-LUU	LMSH6L-LUU	28	6	0-10	12	0-13	28	35	±300
8	LMH8L-LUU	LMSH8L-LUU	47	8	0-10	15	0-13	32	45	±300
10	LMH10L-LUU	LMSH10L-LUU	90	10	0-10	19	0-16	40	55	±300
12	LMH12L-LUU	LMSH12L-LUU	102	12	0-10	21	0-16	42	57	±300
13	LMH13L-LUU	LMSH13L-LUU	123	13	0-10	23	0-16	43	61	±300
16	LMH16L-LUU	LMSH16L-LUU	182	16	0-10	28	0-16	48	70	±300
20	LMH20L-LUU	LMSH20L-LUU	247	20	0-12	32	0-19	54	80	±300
25	LMH25L-LUU	LMSH25L-LUU	525	25	0-12	40	0-19	62	112	±300
30	LMH30L-LUU	LMSH30L-LUU	645	30	0-12	45	0-19	74	125	±300

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



LMH 13 or less



LMH 16 or more

Model No.		Major Dimensions and Tolerance							Eccentricity (μm)	Squareness (μm)	Basic Load Rating		Nominal Shaft Diameter (mm)
Bearing Steel Type	Stainless Steel Type	Flange									Dynamic (CN)	Static (CoN)	
LMH...LUU	LMSH...UU	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm					
LMH6L-UU	LMSH6L-UU	18	5	20	-	3.5	6	3.1	15	15	323	529	6
LMH8L-UU	LMSH8L-UU	21	5	24	-	3.5	6	3.1	15	15	431	784	8
LMH10L-UU	LMSH10L-UU	25	6	29	-	4.5	7.5	4.1	15	15	588	1100	10
LMH12L-UU	LMSH12L-UU	27	6	32	-	4.5	7.5	4.1	15	15	813	1570	12
LMH13L-UU	LMSH13L-UU	29	6	33	-	4.5	7.5	4.1	15	15	813	1570	13
LMH16L-UU	LMSH16L-UU	34	6	31	22	4.5	7.5	4.1	15	15	1230	2350	16
LMH20L-UU	LMSH20L-UU	38	8	36	24	5.5	9	5.1	20	20	1400	2740	20
LMH25L-UU	LMSH25L-UU	46	8	40	32	5.5	9	5.1	20	20	1560	3140	25
LMH30L-UU	LMSH30L-UU	51	10	49	35	6.6	11	6.1	20	20	2490	5490	30