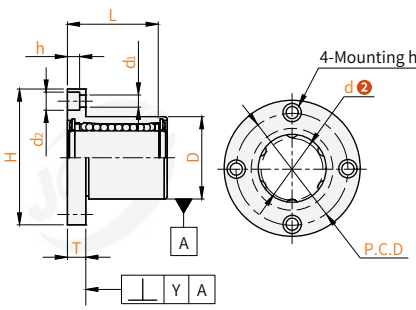
Order guide
LMH - 8 - A - GS - UU
1 Type
2 Nominal shaft diameter d
3 Nickel plated
4 Stainless steel cage
5 Double seal
Please refer to the series code to select the type and parameters for ordering.

Order guide
SS - LMF - 6 - GS - DD - S
6 Stainless steel body
1 Type
2 Nominal shaft diameter d
4 Stainless steel cage
5 Double seal
7 Stainless steel ball
Please refer to the series code to select the type and parameters for ordering.

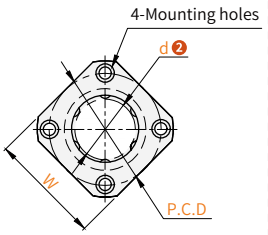
Code			Linear bearing type	Linear bearing		
Round flange	Square flange	Opposite side flange		Material 6	Hardness	Surface treatment 3
LMF···	LMK···	LMH···	Single liner	SUJ2	56HRC~	Electroless nickel plating
LMF···UU	LMK···UU	LMH···UU				—
LMF···GSUU	LMK···GSUU	LMH···GSUU				
LMF···AUU	LMK···AUU	LMH···AUU				
LMF···AGSUU	LMK···AGSUU	LMH···AGSUU				
SSLMF···UU	SSLMK···UU	SSLMH···UU		SUS440C	54HRC~	—
SSLMF···GSUU	SSLMK···GSUU	SSLMH···GSUU				
SSLMF···DD-S	SSLMK···DD-S	SSLMH···DD-S				
SSLMF···GSDD-S	SSLMK···GSDD-S	SSLMH···GSDD-S				

Code			Ball material 7	Cage material 4	Sealing ring material 5	Ambient Temperature
Round flange	Square flange	Opposite side flange				
LMF···	LMK···	LMH···	GCr15	Resin	—	-15~80°C
LMF···UU	LMK···UU	LMH···UU				
LMF···GSUU	LMK···GSUU	LMH···GSUU		Stainless steel	Nitrile rubber	-15~120°C
LMF···AUU	LMK···AUU	LMH···AUU		Resin		-15~80°C
LMF···AGSUU	LMK···AGSUU	LMH···AGSUU		Stainless steel		-15~120°C
SSLMF···UU	SSLMK···UU	SSLMH···UU	9Cr18	Resin	Fluorubber	-15~80°C
SSLMF···GSUU	SSLMK···GSUU	SSLMH···GSUU		Stainless steel		-15~120°C
SSLMF···DD-S	SSLMK···DD-S	SSLMH···DD-S		Resin		-15~80°C
SSLMF···GSDD-S	SSLMK···GSDD-S	SSLMH···GSDD-S		Stainless steel		-15~120°C

Round flange

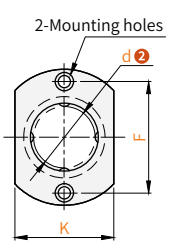


Square flange

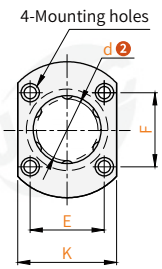


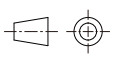
Opposite side flange

d=6~13



d=16~50





Visual standards: first perspective

Model			d ②		D			L		H	T
Code					Size	No surface treatment	With surface treatment				
Round flange LMF···	Square flange LMK···	Opposite side flange LMH···	6*		12	0 -0.013	0 -0.018	19		28	5
LMF···UU	LMK···UU	LMH···UU	8		15			24		32	
LMF···GSUU	LMK···GSUU	LMH···GSUU	10	0 -0.009	19			29		40	
LMF···AUU	LMK···AUU	LMH···AUU	12		21	0 -0.016	0 -0.021	30		42	6
LMF···AGSUU	LMK···AGSUU	LMH···AGSUU	13*		23			32		43	
SSLMF···UU	SSLMK···UU	SSLMH···UU	16		28			37	±0.3	48	
SSLMF···GSUU	SSLMK···GSUU	SSLMH···GSUU	20		32			42		54	8
SSLMF···DD-S	SSLMK···DD-S	SSLMH···DD-S	25	0 -0.01	40	0 -0.019	0 -0.025	59		62	
SSLMF···GSDD-S	SSLMK···GSDD-S	SSLMH···GSDD-S	30		45			64		74	10
			(35)*		52			70		82	
			(40)*	0 -0.012	60	0 -0.022	0 -0.030	80		96	13
			(50)*		80			100		116	

Model			d ②		d_1	d_2	h	P.C.D	W	K	E	F	Eccentric	Verticality Y
Code														
Round flange LMF···	Square flange LMK···	Opposite side flange LMH···	6*		3.5	6	3.1	20	22	18		20		
LMF···UU	LMK···UU	LMH···UU	8					24	25	21		24		
LMF···GSUU	LMK···GSUU	LMH···GSUU	10	0 -0.009				29	30	25	—	29	0.011	0.011
LMF···AUU	LMK···AUU	LMH···AUU	12		4.5	7.5	4.1	32	32	27		32		
LMF···AGSUU	LMK···AGSUU	LMH···AGSUU	13*					33	34	29		33		
SSLMF···UU	SSLMK···UU	SSLMH···UU	16					38	37	34	22	31		
SSLMF···GSUU	SSLMK···GSUU	SSLMH···GSUU	20		5.5	9	5.1	43	42	39	24	36		
SSLMF···DD-S	SSLMK···DD-S	SSLMH···DD-S	25	0 -0.01				51	50	49	32	40	0.014	0.014
SSLMF···GSDD-S	SSLMK···GSDD-S	SSLMH···GSDD-S	30		6.6	11	6.1	60	58	51	35	49		
			(35)*					67	64	60	38	55		
			(40)*	0 -0.012	9	14	8.1	78	75	70	45	64	0.020	0.020
			(50)*					98	92	90	56	80		

◉LMF---GSUU/AGSUU, LMK---GSUU/AGSUU, LMH---GSUU/AGSUU are not applicable to the specifications with *.
◉SSLMF---DD-S/GSDD-S, SSLMK---DD-S/GSDD-S, SSLMH---DD-S/GSDD-S are not applicable to the specification with ( ).
◉SSLMF---DD-S/GSDD-S, SSLMK---DD-S/GSDD-S, SSLMH---DD-S/GSDD-S are not applicable to specification d13.

Model			Basic rated load(N)		Weight(g)		
Code			d ②	C(Dynamic)N	CO(Static)N	Round flange	Square flange	Opposite side flange
Round flange LMF···	Square flange LMK···	Opposite side flange LMH···	6	207	262	20	15	20
LMF···UU	LMK···UU	LMH···UU	8	262	377	35	25	30
LMF···GSUU	LMK···GSUU	LMH···GSUU	10	372	547	70	50	60
LMF···AUU	LMK···AUU	LMH···AUU	12	412	597	75	55	65
LMF···AGSUU	LMK···AGSUU	LMH···AGSUU	13	507	782	85	70	80
SSLMF···UU	SSLMK···UU	SSLMH···UU	16	772	1177	115	100	110
SSLMF···GSUU	SSLMK···GSUU	SSLMH···GSUU	20	882	1367	175	140	165
SSLMF···DD-S	SSLMK···DD-S	SSLMH···DD-S	25	977	1567	335	295	320
SSLMF···GSDD-S	SSLMK···GSDD-S	SSLMH···GSDD-S	30	1567	2737	465	370	385
			35	1672	3142	650	560	575
			40	2162	4022	1060	880	910
			50	3822	7942	2200	2000	2030

◉1Kgf=9.81N