Order guide

LMHM - 6 - L - A UU - M

1 Type
2 Nominal shaft diameter d
3 Double liner
4 Nickel plating
5 Double seal
6 Medium

Please refer to the series code to select the type and parameters for ordering.

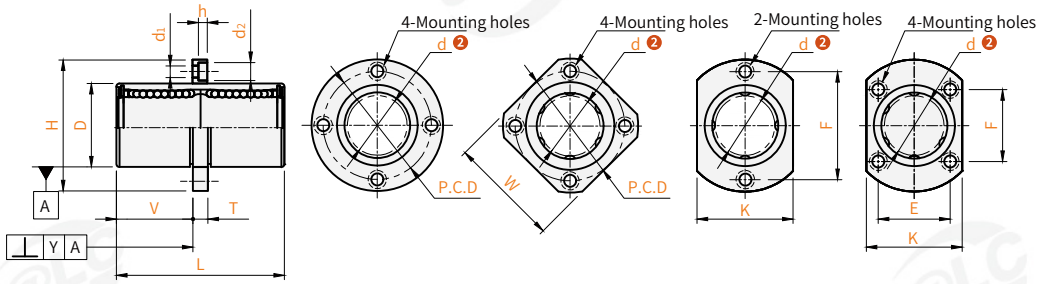
Code	Linear bearing type 6	Linear bearing shape	Linear bearing: Material	Linear bearing: Hardness	Linear bearing: Surface treatment 4	Ball material	Cage material	Sealing ring material 5	Operating ambient temperature
LMFM···LAUU-M	Medium	Round flange	SUJ2	56HRC~	Electroless nickel plating	GCr15	Resin	Nitrile rubber	-15~80°C
LMKM···LAUU-M		Square flange							
LMHM···LAUU-M		Opposite side flange							

Round flange
LMFM···LAUU-M

Square flange
LMKM···LAUU-M

Opposite side flange
LMHM···LAUU-M

d=6~12 d=16~30



Visual standards: first perspective

Model Code	d 2	D	L	V	H	T	d1	d2	h	P.C.D	W	K	E	F	Eccentric	Number of ball rows	Perpendicularity Y	Basic rated load(N) C (Dynamic)N	Basic rated load(N) Co(Static)N	Static allowable torque(N·M)	Weight Round flange	Weight Square flange	Weight Opposite side flange
Round flange LMFM···LAUU-M	6	12 0 -0.018	29	12	28	5	3.5	6	3.1	20	22	18		20				227	307	1.4	27	21	24
	8	15	37	16	32					24	25	21		24				307	452	2.1	47	40	45
	10	19 0 -0.010	47 ±0.3	20.5	40	6	4.5	7.5	4.1	29	30	25		29	0.015	4	0.015	507	717	4.35	85	65	77
Square flange LMKM···LAUU-M	12	21 0 -0.021			42					32	32	27		32				632	812	6.2	90	70	81
	16	28	56	25	48					38	37	34	22	31				1162	1447	13.1	157	132	150
Opposite side flange LMHM···LAUU-M	20	32	65	28.5	54	8	5.5	9	5.1	43	42	38	24	36		5		1552	2067	18.3	232	197	220
	25	40 0 -0.012 0 -0.025	83	37.5	62	10	6.6	11	6.1	51	50	46	32	40	0.02	6	0.02	1722	3067	25.3	479	440	452
	30	45	90	40	74					60	58	51	35	49				2437	3972	42.7	558	480	490

1Kgf=9.81N

Comparison table of length dimensions between medium type and standard type

d 2	Length size(L) Medium	Length size(L) Double liner
6	29	35
8	37	45
10	47	55
12		57
16	56	70
20	65	80
25	83	112
30	90	123

Features: The length dimension (L) is between the single Bushing type and the double Bushing type (about 1.5 times the length of the single Bushing type), and is suitable for space-saving designs without the double Bushing type length.

Allowable load comparison table

Model	Basic dynamic rated load	Basic static rated load	Static allowable torque
Medium	1.4	1.3	≈4.3
Double liner	1.6	2	≈6