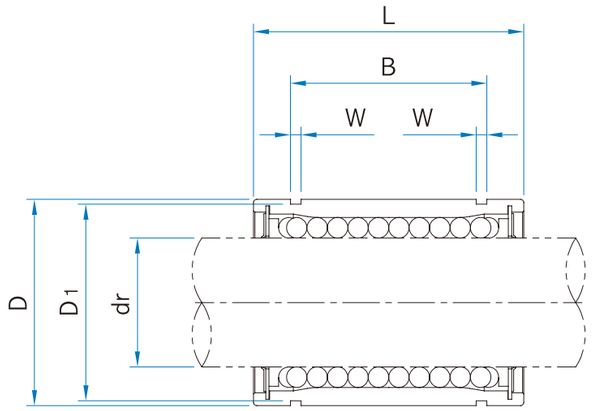
LME Series



Unit : mm

LM Series						Basic Load Ratings		Working Bore Diameter	
Standard type		Open type(OP)		Adjustable type(AJ)		Dyn	Stat.		
Part No.	No.of Ball circuit	Part No.	No.of Ball circuit	Part No.	No.of Ball circuit	C (N)	Co (N)	dr (㎜)	Tol. (㎛)
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	

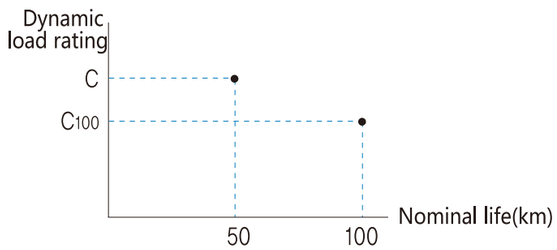
1N ≒ 0.102kgf

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

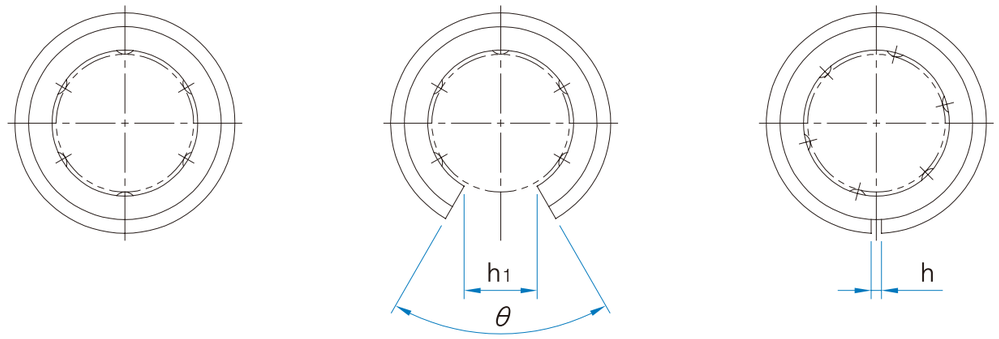
ex) LME 20 C : 860 N C_{100} : 682 N

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



Linear Ball Bushing

LME Series



LME　　LME□OP　　LME□AJ

Unit : mm

Dimensions(mm)												Weight (g)	※ Allowable Diametral Clearance (㎛)	Part No.
D (㎜)	D Tol. (㎛)	L (㎜)	L Tol. (㎜)	B (㎜)	B Tol. (㎜)	W	D_1	h	h_1	θ (°)				
12	0 -8	22	0 -0.2	14.5	0 -0.3	1.1	11.5	1	–	–		11	-3	LME5UU
16		25		16.5		1.1	15.2	1	–	–		22	-3	LME8UU
22	0 -9	32		22.9		1.3	21	1.5	7.5	78°		45	-4	LME12UU
26		36		24.9		1.3	24.9	1.5	10	78°		60	-4	LME16UU
32	0 -11	45		31.5		1.6	30.3	2	10	60°		102	-6	LME20UU
40		58	0 -0.3	44.1	0 -0.4	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 -13	80		60.6		2.15	59	3	16.8	50°		770	-8	LME40UU
75		100		77.6		2.65	72	3	21	50°		1250	-13	LME50UU
90	0 -15	125	0 -0.4	101.7	0 -0.4	3.15	86.5	3	27.2	54°		2220	-13	LME60UU

※ Based on Standard type

1N ≒ 0.102kgf