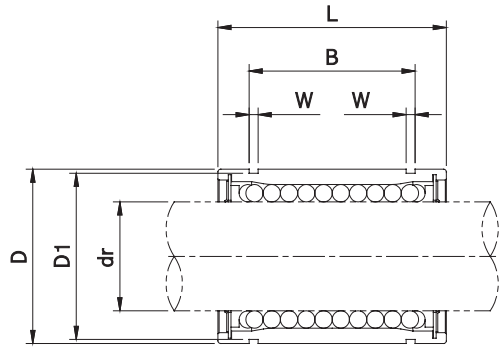


LME Series



Unit : mm

LM Series						Basic Load Ratings		Working Bore Diameter	
Standard type		Open type		Adjustable type		Dyn C (N)	Stat. Co (N)	dr (mm)	Tol. (μm)
Part No.	No. of Ball circuit	Part No.	No. of Ball circuit	Part No.	No. of Ball circuit				
LME5UU	4	—	—	LME 5UUAJ	4	200	260	5	+8 0
LME8UU	4	—	—	LME 8UUAJ	4	260	400	8	
LME12UU	4	LME12UUOP	3	LME12UUAJ	4	410	590	12	
LME16UU	5	LME16UUOP	4	LME16UUAJ	5	770	1170	16	+9 -1
LME20UU	5	LME20UUOP	4	LME20UUAJ	5	860	1370	20	
LME25UU	6	LME25UUOP	5	LME25UUAJ	6	980	1560	25	+11 -1
LME30UU	6	LME30UUOP	5	LME30UUAJ	6	1560	2740	30	
LME40UU	6	LME40UUOP	5	LME40UUAJ	6	2150	4010	40	+13 -2
LME50UU	6	LME50UUOP	5	LME50UUAJ	6	3280	7930	50	
LME60UU	6	LME60UUOP	5	LME60UUAJ	6	4700	9990	60	

Note) Plating and Raydent treatment are available

1N ≒ 0.102kgf

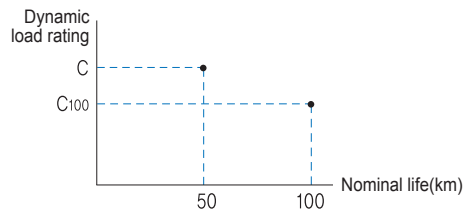
Reference of dynamic load rating

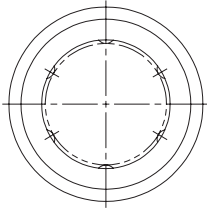
Dynamic load rating is based on the nominal life of 50km.

In case of 100km, C on the table needs to be divided by 1.26

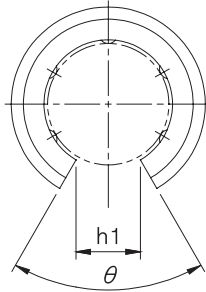
ex) LME 20 C : 860 N C₁₀₀ : 682 N

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

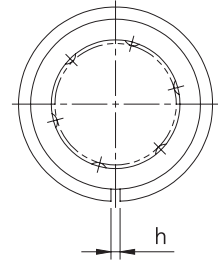




LME



LME□OP



LME□AJ

Unit : mm

Dimensions (mm)											Wgt. (gr)	Allowable Diametral Clearance (μ m)	Part No.
D (mm)	Tol. (μ m)	L (mm)	Tol. (mm)	B (mm)	Tol. (mm)	W	D1	h	h1	θ (°)			
12	0	22	-0.2 ⁰	14.5	-0.2 ⁰	1.1	11.5	1	-	-	12	-5	LME 5UU
16	-8	25		16.5		1.1	15.2	1	-	-	20	-5	LME 8UU
22	0	32		22.9		1.3	21	1.5	7.5	78°	41	-7	LME12UU
26	-9	36		24.9		1.3	24.9	1.5	10	78°	57	-7	LME16UU
32	-11 ⁰	45		31.5		1.6	30.3	2	10	60°	91	-9	LME20UU
40		58	44.1	1.85	37.5	2	12.5	60°	215	-9	LME25UU		
47		68	52.1	1.85	44.5	2	12.5	50°	325	-9	LME30UU		
62	0	80	-0.3	60.6	-0.3	2.15	59	3	16.8	50°	705	-13	LME40UU
75	-13	100		77.6		2.65	72	3	21	50°	1130	-13	LME50UU
90	-15 ⁰	125		101.7		-0.4 ⁰	3.15	86.5	3	27.2	54°	2220	-16

※ Based on Standard type

1N \approx 0.102kgf