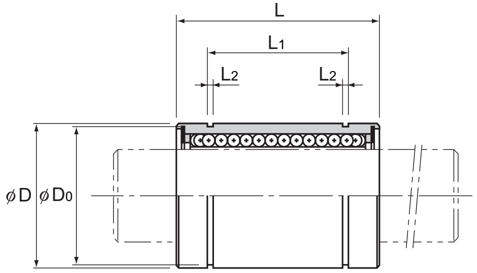
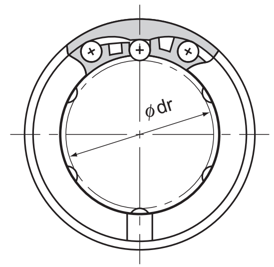
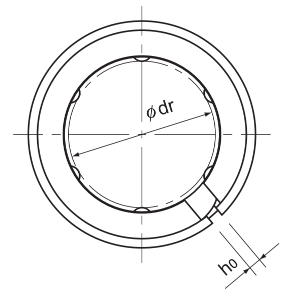
Model LME

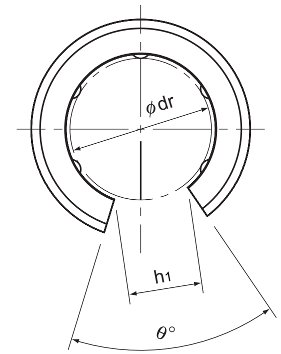




Model LME



Model LME-AJ



Model LME-OP

Unit: mm

Model No.			Ball	Main dimensions													Eccentricity (max)	Radial clearance tolerance	Basic load rating		Mass
				Inscribed bore diameter		Outer diameter		Length													
Standard type	Clearance-adjustable type	Open type	rows	dr	Tolerance	D	Tolerance	L	Tolerance	L_1	Tolerance	L_2	D_0	h_0	h_1	θ°	µm	µm	C N	C_0 N	g
LME 5	LME 5-AJ	—	4	5	+0.008 0	12	0 −0.008	22	0 −0.2	14.5	0 −0.2	1.1	11.5	1	—	—	12	−5	206	265	11
LME 8	LME 8-AJ	—	4	8		16		25		16.5		1.1	15.2	1	—	—	12	−5	265	402	20
LME 12	LME 12-AJ	LME 12-OP	4	12		22	0 −0.009	32		22.9		1.3	21	1.5	7.5	78	12	−7	510	775	41
LME 16	LME 16-AJ	LME 16-OP	5	16	+0.009 −0.001	26		36		24.9		1.3	24.9	1.5	10	78	12	−7	775	1180	57
LME 20	LME 20-AJ	LME 20-OP	5	20		32	0 −0.011	45		31.5		1.6	30.3	2	10	60	15	−9	863	1370	91
LME 25	LME 25-AJ	LME 25-OP	6	25	+0.011 −0.001	40		58	0 −0.3	44.1	0 −0.3	1.85	37.5	2	12.5	60	15	−9	980	1570	215
LME 30	LME 30-AJ	LME 30-OP	6	30		47		68		52.1		1.85	44.5	2	12.5	50	15	−9	1570	2750	325
LME 40	LME 40-AJ	LME 40-OP	6	40	+0.013 −0.002	62	0 −0.013	80		60.6		2.15	59	3	16.8	50	17	−13	2160	4020	705
LME 50	LME 50-AJ	LME 50-OP	6	50		75		100		77.6		2.65	72	3	21	50	17	−13	3820	7940	1130
LME 60	LME 60-AJ	LME 60-OP	6	60		90	0 −0.015	125	0 −0.4	101.7	0 −0.4	3.15	86.5	3	27.2	54	20	−16	4710	10000	2220
LME 80	LME 80-AJ	LME 80-OP	6	80	+0.016 −0.004	120		165		133.7		4.15	116	3	36.3	54	20	−16	7350	16000	5140

Note) Since Linear Bushing models LME50 or smaller models are incorporated with a synthetic resin retainer, do not use them at temperature exceeding 80℃.
If the ambient temperature exceeds 80℃, use the type equipped with a metal retainer and indicate "A" at the end of the model number.

(Example) LME20G A
└ High temperature symbol

If requiring a type equipped with a seal, indicate it when placing an order. (seal heat resistance: 80℃.)

(Example) LME16 UU
└ Seal attached on both ends of the nut

The accuracy of clearance-adjustable types (-AJ) and open types (-OP) in inscribed bore diameter and outer diameter indicates the value before division.

Note) If a metal retainer is used, the Linear Bushing has the shape as shown below.
When using the Linear Bushing on a single shaft, use two or more units (instead of one unit) on the same shaft to avoid a moment load, and secure a large distance between the units.

Model LME-GA

Description of Each Option⇒A-549 Dimensions⇒B-461