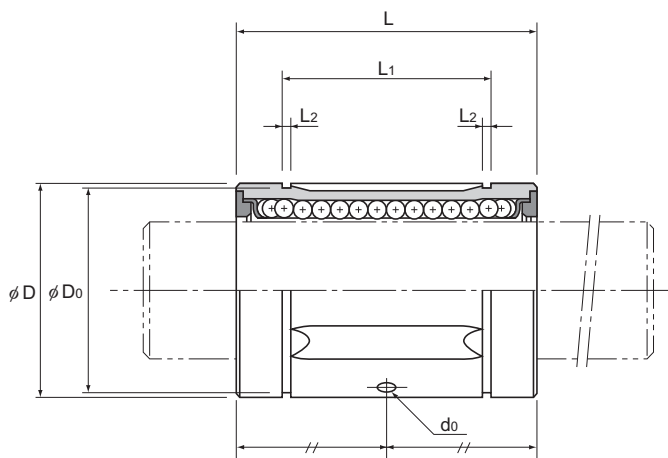


Model LM-GA (Metal Retainer Type)



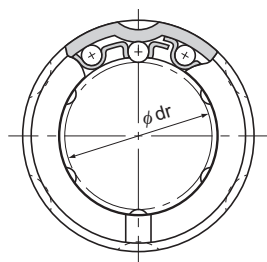
Model No.			Ball rows	Main dimensions							
Standard type	Clearance-adjustable type	Open type		Inscribed bore diameter		Outer diameter		Length			
				dr	Tolerance	D	Tolerance	L	Tolerance		
				High	Precision		High/Precision				
LM 6GA	—	—	3	6	0 -0.009	0 -0.006	12	0	19	0 -0.2	
LM 8SGA	—	—	3	8			15	-0.011	17		
LM 8GA	—	—	3	8			15	0 -0.013	24		
LM 10GA	—	—	4	10			19		29		
LM 12GA	LM 12GA-AJ	LM 12GA-OP	4	12			21		30		
LM 13GA	LM 13GA-AJ	LM 13GA-OP	4	13			23	32			
LM 16GA	LM 16GA-AJ	LM 16GA-OP	4	16	0 -0.010	0 -0.007	28	37	0 -0.3		
LM 20GA	LM 20GA-AJ	LM 20GA-OP	5	20			32	42			
LM 25GA	LM 25GA-AJ	LM 25GA-OP	5	25			40	59			
LM 30GA	LM 30GA-AJ	LM 30GA-OP	6	30			45	64			
LM 35GA	LM 35GA-AJ	LM 35GA-OP	6	35			52	70			
LM 38GA	LM 38GA-AJ	LM 38GA-OP	6	38			57	76			
LM 40GA	LM 40GA-AJ	LM 40GA-OP	6	40	0 -0.012	0 -0.008	60	80	0 -0.3		
LM 50GA	LM 50GA-AJ	LM 50GA-OP	6	50			80	100			
LM 60GA	LM 60GA-AJ	LM 60GA-OP	6	60			0	0		90	110
LM 80GA	LM 80GA-AJ	LM 80GA-OP	6	80			-0.015	-0.009		120	140
LM 100GA	LM 100GA-AJ	LM 100GA-OP	6	100	0	0	150	0	175	0 -0.4	
LM 120A	LM 120A-AJ	LM 120A-OP	8	120	-0.020	-0.010	180	-0.025	200		

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

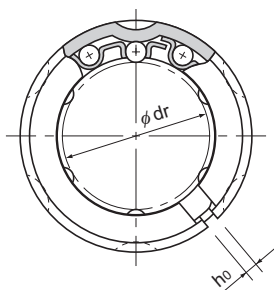
(Example) LM50GA UU

Seal attached on both ends of the nut

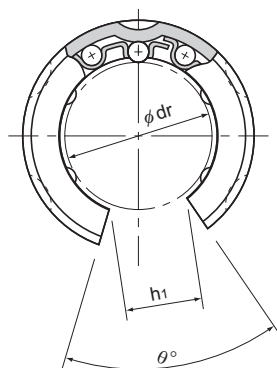
For the clearance-adjustable type (-AJ) and open type (-OP), the inscribed bore diameter tolerance, the outer diameter tolerance, and the eccentricity indicate the values before the division of the nut.



Model LM-GA



Model LM-GA-AJ



Model LM-GA-OP

Unit: mm

								Lubrication hole	Eccentricity (max) μm		Radial clearance tolerance	Basic load rating		Mass
	L ₁	Tolerance	L ₂	D ₀	h ₀	h ₁	θ°	d ₀	High	Precision	μm	C N	C ₀ N	g
	13.5	0 -0.2	1.1	11.5	—	—	—	—	12	8	-5	206	265	7
	11.5		1.1	14.3	—	—	—	—	12	8	-5	176	225	10
	17.5		1.1	14.3	—	—	—	—	12	8	-5	265	402	14
	22		1.3	18	—	—	—	2	12	8	-5	373	549	27
	23		1.3	20	1.5	7.5	80	2	12	8	-5	412	598	31
	23		1.3	22	1.5	9	80	2	12	8	-7	510	775	41
	26.5		1.6	27	1.5	11	60	2.3	12	8	-7	775	1180	69
	30.5	0 -0.3	1.6	30.5	2	11	60	2.3	15	10	-9	863	1370	92
	41		1.85	38	2	13	60	3	15	10	-9	980	1570	200
	44.5		1.85	43	2.5	15	50	3	15	10	-9	1570	2750	250
	49.5		2.1	49	2.5	17	50	3	20	12	-13	1670	3140	370
	58.5		2.1	54.5	3	18	50	3	20	12	-13	2160	4020	490
	60.5		2.1	57	3	20	50	3	20	12	-13	2160	4020	590
	74		2.6	76.5	3	25	50	4	20	12	-13	3820	7940	1500
	85	0 -0.4	3.15	86.5	3	30	50	4	25	17	-16	4710	10000	1850
	105.5		4.15	116	3	40	50	4	25	17	-16	7350	16000	4200
	125.5		4.15	145	3	50	50	4	30	20	-20	14100	34800	8200
	158.6		4.15	175	4	85	80	5	30	20	-25	16400	40000	15500

Notes: When using the Linear Bushing on a single shaft, use two or more bushings on the same shaft to minimize a moment