



Code	Type	Outer Cylinder Material		Outer Cylinder		Balls	Retainer	Seal	Ambient Operating Temp.
		GB	Equiv.	Hardness	Surface Treatment	Material	Material	Material	
LMD21	Single	GCr15	SUJ2	56HRC~	—	GCr15	Plastic	Nitrile Rubber	-15~80°C
LMD31	Double								

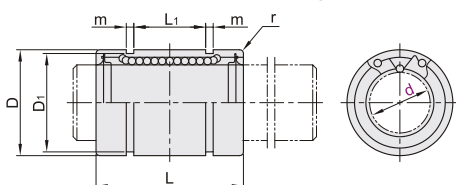
Product Features

- The product has high precision, shorter in length (L) than standard type, is suitable for space-saving design in the axial direction.
- Low friction, low noise, good durability, and small space occupation.
- Outer Cylinder, Balls as SUJ2 material, equivalent GCr15.
- Retainer material is equivalent to DURACON M90.

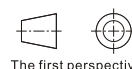
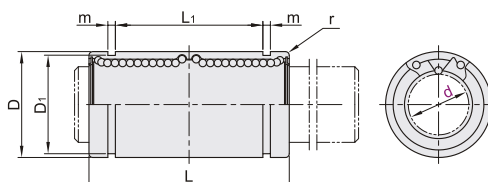
① The compact and standard outer diameters are shown in the comparison table at the bottom of this page.

② It is recommended that linear bearings to be used in conjunction with guide shafts (standard g6 tolerance) produced by our company.

Single
LMD21



Double
LMD31



The first perspective

Single

Part Number		D	L	L ₁	m	D ₁	r	Eccentricity (Max)	Rows of Balls	Basic Load Rating(N)		Mass (g)
Code	d									C(Dynamic)	Co(Static)	
LMD21	6	10 ^{+0/-0.009}	19	11.3	1.15	9.6	0.1	0.012	6	133	173	6
	8	13 ^{+0/-0.011}	24	15.3		12.4	0.2			228	315	12
	10	17 ^{+0/-0.010}	29	19.4	1.35	16.2	0.3			349	472	26
	12	19 ^{+0/-0.013}	30	20.4		18	0.3			355	483	32
	16	26 ^{+0/-0.013}	37	23.3		24.9	0.3		5	605	660	58

① 1Kgf=9.81N

Double

Part Number		D	L	L ₁	m	D ₁	r	Eccentricity (Max)	Rows of Balls	Basic Load Rating(N)		Allowable Static Moment (N·m)	Mass (g)
Code	d									C(Dynamic)	Co(Static)		
LMD31	6	10 ^{+0/-0.009}	35	24.8	1.15	9.6	0.1	0.015	6	210	346	2.45	12
	8	13 ^{+0/-0.011}	45	32.8		12.4	0.2			360	630	5.75	25
	10	17 ^{+0/-0.010}	55	41.4	1.35	16.2	0.3			551	944	10.95	52
	12	19 ^{+0/-0.013}	57	43.4		18	0.3			560	966	11.85	65
	16	26 ^{+0/-0.013}	70	49.8		24.9	0.3		5	955	1320	23.45	116

① 1Kgf=9.81N

Single

Part Number	
Code	d
LMD21	6
	8

LMD21—d6



Discount price
Per 1~19 20~
Price 100% Additional quotation



Delivery
6

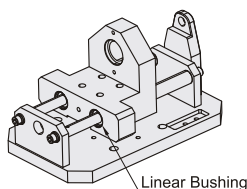
Comparison table of Compact and Standard outer diameters

d	Outer Diameter(D)		
	Standard	Compact	Difference
6	12	10	-2
8	15	13	-2
10	19	17	-2
12	21	19	-2
16	28	26	-2

① Features: The outer diameter (D) is 2mm smaller than the Standard type, Suitable for space-saving design in radial direction.



Please order as shown
EX
Example



Linear Bushing