

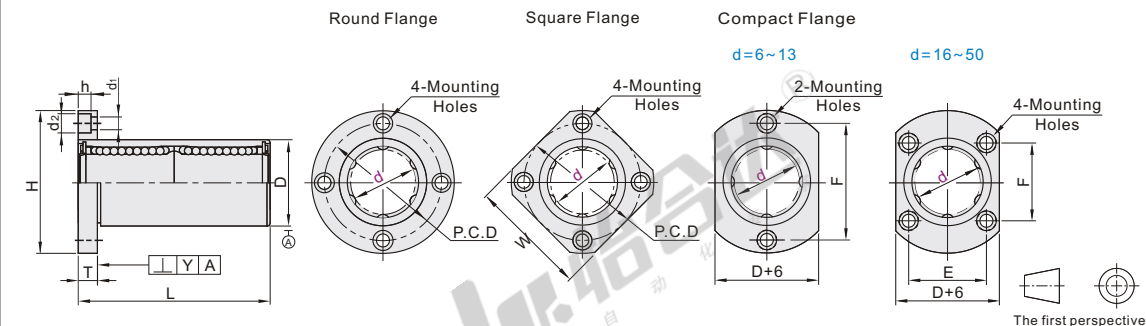
Code	Type		Outer Cylinder				Balls Material	Retainer Material	Seal Material	Ambient Operating Temp.
			Material		Hardness	Surface Treatment				
			GB	Equiv.						
LMG01	Double	Round Flange	GCr15	SUJ2	56HRC~	GCr15	Plastic	No Seal	-15 ~ 80 °C	
LMG02										
LMG03								Electroless Nickel Plating		
LMG11		Square Flange								Nitrile Rubber
LMG12										
LMG13								Electroless Nickel Plating		Nitrile Rubber
LMG21		Compact Flange								No Seal
LMG22										Nitrile Rubber
LMG23								Electroless Nickel Plating		

Product Features

- The product has high precision, low friction, and good durability. The double-circulation structure design product is longer in size, can withstand greater forces and instantaneous impact loads, and has higher static and dynamic load capabilities.
- Flanged linear bearings make axial positioning easier and can be installed quickly without adding a bearing seat.
- The existence of the flange makes the bearing more stable during installation and can be better fixed on the mechanical structure.
- Flanged linear bearings can reduce bearing displacement or instability caused by installation tolerance. The flange provides a fixed reference point, which makes the installation of the bearing more precise and controllable.
- Outer Cylinder, Balls as SUJ2 material, equivalent GCr15.
- Retainer material is equivalent to DURACON M90.

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

If there is a requirement for anti-rust performance, please choose nickel-plating products firstly!



Part Number		D			L	H	T	d ₁	d ₂	h	P.C.D	W	E	F	Eccentricity (Max)	Perpendicularity Y
Code	d	Dimension	No Surface Treatment	Surface treatment												
LMG01 LMG02 LMG03 LMG11 LMG12 LMG13 LMG21 LMG22 LMG23	6	12			35	28					20	22		20	0.014	0.014
	8	15	0 -0.013	0 -0.018	45	32	5	3.5	6	3.1	24	25		24		
	10	19			55	40					29	30	—	29		
	12	21	0 -0.010	0 -0.021	57	42					32	32		32		
	13	23	0 -0.016		61	43	6	4.5	7.5	4.1	33	34		33		
	16	28			70	48					38	37	22	31		
	20	32			80	54					43	42	24	36		
	25	40	0 -0.012	0 -0.019	112	62	8	5.5	9	5.1	51	50	32	40	0.019	0.019
	30	45			123	74					60	58	35	49		
	35	52			135	82	10	6.6	11	6.1	67	64	38	55		
	40	60	0 -0.015	0 -0.022	151	96	13	9	14	8.1	78	75	45	64	0.025	0.025
	50	80			192	116					98	92	56	80		

Part Number		Allowable Static Moment (N·m)		Basic Load Rating(N)		Mass(g)		
Code	d			C(Dynamic)	Co(Static)	Round Flange	Square Flange	Compact Flange
LMG01 LMG02 LMG03 LMG11 LMG12 LMG13 LMG21 LMG22 LMG23	6	2.15	331	551	30	23	25	
	8	4.3	466	777	50	40	45	
	10	7.2	649	879	95	75	85	
	12	10.5	670	885	95	85	100	
	13	11.5	728	991	125	105	120	
	16	19.5	1247	2041	185	160	180	
	20	26.5	1453	2689	255	220	245	
	25	43	1779	4092	535	495	520	

Part Number		Allowable Static Moment (N·m)		Basic Load Rating(N)		Mass(g)		
Code	d			C(Dynamic)	Co(Static)	Round Flange	Square Flange	Compact Flange
LMG01 LMG02 LMG03 LMG11 LMG12 LMG13 LMG21 LMG22 LMG23	30	82.5	2485	5485	675	585	640	
	35	105	2650	6250	1020	930	940	
	40	145	3430	8040	1550	1380	1420	
	45	195	4450	10500	2100	1800	1850	
	50	265	5900	13900	2800	2400	2450	
	55	355	7800	18500	3700	3200	3250	

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Part Number		D	
Code	d		
LMG01	6	12	
LMG02	8	15	

LMG01—d6



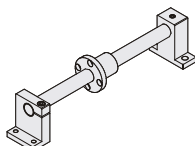
Discount price	
Per	Price
1~19	100%
20~	Additional quotation



Delivery	
Per	Price
1~19	100%
20~	Additional quotation



Assembly Drawing



Exploded Drawing

