

Flanged Linear Bushings

Single Pilot

Code	Type		Outer Cylinder			Balls Material	Retainer Material	Seal Material	Ambient Operating Temp.
			Material	Hardness	Surface Treatment				
			GB	Equiv.					
LMJ01	Single	Round Flange			—	GCr15	Plastic	Nitrile Rubber	-15~80°C
LMJ02					Electroless Nickel Plating				
LMJ11		Square Flange	GCr15	SUJ2	56HRC~				
LMJ12					Electroless Nickel Plating				
LMJ21		Compact Flange			—				
LMJ22					Electroless Nickel Plating				



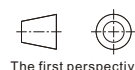
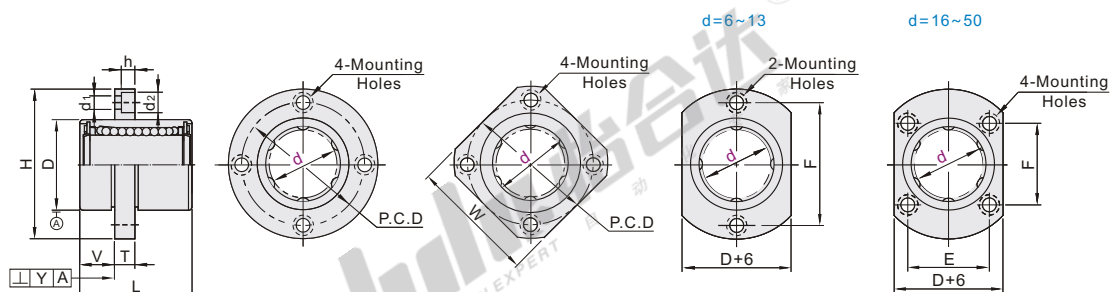
Product Features

- The product has high precision, low friction, and good durability. Linear bearings with guide end can provide more convenient linear positioning and guiding functions through the design of the guide end (end for guidance).
 - 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!

Round Flange
LMJ01
LMJ02

Compact Flange
LMJ11
LMJ12

Compact Flange
LMJ21
LMJ22



Part Number			D			L	V	H	T	d ₁	d ₂	h	P.C.D	W	E	F	Eccentricity	Perpendicularity Y	Basic Load Rating(N)		Mass(g)		
Code	d	Dimension	No Surface Treatment	Surface Treatment	C(Dynamic)														Co(Static)	Round Flange	Square Flange	Compact Flange	
Round Flange LMJ01 LMJ02	6	12	0.013	0.018	19	5	28	5	3.5	6	3.1	20	22		20			166	224	20	15	20	
	8	15			24		32					24	25		24			278	363	35	25	30	
	10	19			29		40					29	30	—	29	0.011	0.011	530	641	70	50	60	
	12	21			30		42	6	4.5	7.5	4.1	32	32		32			564	691	75	55	65	
	13	23	0.016	0.021	32	6	43					33	34		33			610	770	85	70	80	
Square Flange LMJ11 LMJ12	16	28			37		48					38	37	22	31			801	1083	115	100	110	
	20	32			42	±0.3	54	8	5.5	9	5.1	43	42	24	36			954	1479	175	140	165	
Compact Flange LMJ21 LMJ22	25	40	0.010	0.019	59		62					51	50	32	40	0.014	0.014	1204	1901	335	295	320	
	30	45			64		74	10	6.6	11	6.1	60	58	35	49			1746	2640	465	370	385	
	35	52			70		82					67	64	38	55			1811	2777	650	560	575	
	40	60	0.012	0.030	80		96	13	9	14	8.1	78	75	45	64	0.020	0.020	2678	4116	1060	880	910	
	50	80			100		116					98	92	56	80			3743	7735	2200	2000	2030	



Part Number		D
Code	d	
LMJ01	10	19
LMJ02	12	21

LMJ01 — d10



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



Delivery	
6	

1Kg=9.81N