

Linear Bushings - Compact

Single / Double

= For customers selecting MISUMI original specifications =

The products on this page are of standard specifications (Outer cylinder SUJ2 equivalent, Retainer resin). Consider these specifications while selecting the product.

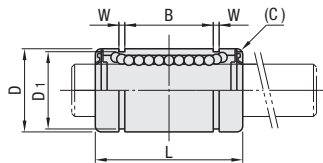
Features: 2mm smaller in O.D. (D dimension) than Standard.

MISUMI Original

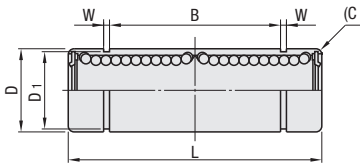


Type		Outer Cylinder		Balls	Retainer	Ambient Operating Temp.	Accessory
Single	Double	Material	Hardness	Material	Material		
LMK	LMKW	SUJ2 Equivalent	58HRC~	SUJ2 Equivalent	Plastic (Duracon M90 Equivalent)	-20~80°C	Seal Material: Nitrile Rubber (-20~120°C)

Single



Double



Single

Part Number	Type	dr	Tolerance	D		L	B		W	D1	(C)	Eccentricity (Max.)	Rows of Balls	Basic Load Rating		Mass (g)	Unit Price	
				C (Dynamic) N	Co (Static) N		C (Dynamic) N	Co (Static) N										
LMK			0 -0.009	10	-0.009	19	11.3	0	-0.4	1.15	9.6	0.1	0.012	6	131	155	6	
				13	0	24	15.3								235	277	12	
				17	-0.011	29	19.4								368	433	26	
				19	0	30	20.4								381	449	32	
				26	-0.013	37	23.3								608	716	58	

Double

Part Number	Type	dr	Tolerance	D		L	B		W	D1	(C)	Eccentricity (Max.)	Rows of Balls	Basic Load Rating		Allowable Static Moment (N-m)	Mass (g)	Unit Price	
				C (Dynamic) N	Co (Static) N		C (Dynamic) N	Co (Static) N											
LMKW			0 -0.010	10	-0.009	35	24.8	0	-0.5	1.15	9.6	0.1	0.015	6	206	309	2.46	12	
				13	0	45	32.8								383	555	5.76	24	
				17	-0.011	55	41.4								585	867	10.99	52	
				19	0	57	43.4								608	899	11.85	64	
				26	-0.013	70	49.8								965	1431	23.48	116	

For Precautions for Use, see [P303](#)

kgf=Nx0.101972



Ordering Example

Part Number

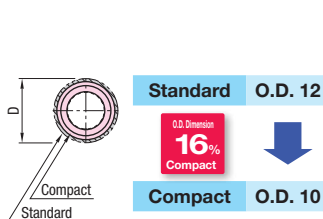
- LMK12
- LMKW12
- LMK12L (L Type Greased)
- LMK12G (G Type Greased)
- LMK12H (H Type Greased)

Alternative grease types available.

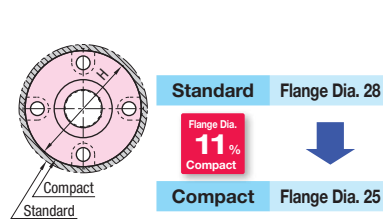
For Days to Ship, Price and Performance, see [P304](#)

Dimension comparison of Compact and Standard (When dr=6)

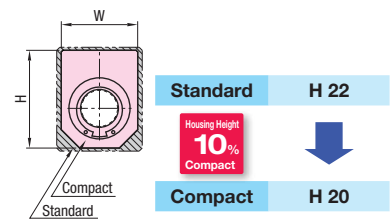
Straight



Flanged (P.305~314)



Housing Unit Type (P.321, 322)



Standard and Compact Comparison

dr	Straight / Flanged			Flanged			Housing Unit						Rows of Balls	
	O.D. (D)			Flange Dia. (H)			Width (W)			Height (H)				
	Compact	Standard	Difference	Compact	Standard	Difference	Compact	Standard	Difference	Compact	Standard	Difference	Compact	Standard
6	10	12	-2	25	28	-3	14	16	-2	20	22	-2	6	4
8	13	15	-2	28	32	-4	17	20	-3	24	26	-2	6	4
10	17	19	-2	35	40	-5	23	26	-3	30	32	-2	6	4
12	19	21	-2	38	42	-4	25	28	-3	32	34	-2	6	4
16	26	28	-2	44	48	-4	33	36	-3	43	49	-6	6	4