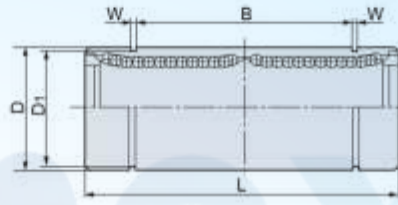
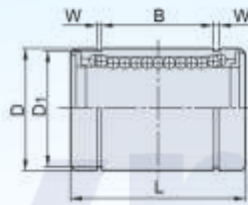


Linear Bushings Straight Single / Double



Single **DUU**

Double **DLUU**



- This product is delivered at the initial stage, the color of the packing may be inconsistent with the photo, which shall be subject to the actual product.
- Resin retainers are available in black and yellow, with the same performance. Please feel free to use.
- For inner diameters of 3 and 4, the design uses a retaining ring. For inner diameters of 5 and above, a seal ring is applied.

Type	dr[Φ:mm]	Housing			Ball	Retainer	Operating Environment Temperature	Accessories
		Material	Hardness	Surface Treatment				
DC-LM_UU	6~30	Equivalent to SUJ2	58HRC~	58HRC~	Equivalent to SUJ2	Resin	-20~80°C	Seal Ring
DE-LB_UU	3~50			Electroless Nickel Plating				Material
DE-LBM_UU	3~50							Nitrile Rubber

If there are requirements for rust prevention, give priority to Dymex standard products with surface treatment of electroless nickel plating or those with low temperature hard chromium plating.

Dimension Specification Table

- Resin retainers are available in black and yellow, with the same performance. Please feel free to use.
- For inner diameters of 3 and 4, the design uses a retaining ring. For inner diameters of 5 and above, a seal ring is applied.

Part Number				O.D. D Tolerance				Overall Length (Single Type)		Overall Length L (Single Type)		B							
Type	dr	Tolerance	Ball Retainer (Length Type)	DE-LB		DE-LM		Tolerance	Tolerance	Single Type	Double Type	Tolerance	Single Type	Double Type	Tolerance				
				Single	Double	Single	Double												
				No Surface Treatment	No Surface Treatment	With Surface Treatment	With Surface Treatment												
DE-LB (No Surface Treatment)	3	0	DUU (Single Type)	7	0	0	0	10	0	19	±0.2	/	/	/	0				
	4	-0.011		8	-0.010	-0.012	-0.012	-0.012	12	-0.15		23	/	/		/			
	5	+0.003 -0.012		10	0	0	0	0	15	0.2		28	±0.3	8		-	0		
	6			12	-0.013	0	-0.015	-0.015	-0.015			19	-0.4	35		+0.3		11.3	24.8
	8			15	0	-0.015	-0.015	-0.015	24			-0.6		45				15.3	32.8
	10			19	0	-0.015	-0.016	-0.016	29					55				19.4	41.4
	12	21		0	-0.015	-0.016	-0.016	30	+0.3	57				-0.7			20.4	43.4	
	13	23		0	-0.018	-0.016	-0.016	32		-0.7			61			-0.5	23.3	49.8	
	16	28		0	-0.018	-0.018	-0.018	37				+0.3	70				-0.7	27.3	57.8
	20	32		0	-0.018	-0.018	-0.018	42					-0.7					80	-0.5
25	40	0	-0.021	-0.018	-0.019	59	-0.7	112	-0.5		40.8			85.3					
30	45	0	-0.025	-0.023	-0.025	70		-0.7		123	-0.5			45.3	94.8				
35	52	0	-0.025	-0.023	-0.025	70				-0.7		135		-0.5	56.3	116.8			
40	60	0	-0.028	-0.023	-0.025	80						-0.7	151		-0.5	68.8	142.8		
50	80	0	-0.028	-0.03	-0.025	-0.03	100		-0.7				192			-0.5			

dr	W	D ₁	Eccentricity(Max.)		Rows of balls	Basic Load Rating		Basic Load Rating		Mass (g)		Double Type Allowable Static Moment (N·m)	
			Single	Double		C (Dynamic) N		C ₀ (Static) N		Single	Double		
			Type	Type		Single	Double	Single	Double	Single	Double		
			Type	Type		Type	Type	Type	Type	Type	Type		
3	/	/	0.012	0.015	4	69	105	138	210	1.35	3.2	—	
4	/	/	0.024	0.03		88	127	176	254	1.9	4.8	—	
5	1.1	9.6				0.025	167	261	206	412	4	8.4	2
6		11.5				206	324	265	529	8.5	16	2.18	
8		14.3				265	431	380	784	17	31	4.31	
10		18	372	588		549	1100	31	62	7.24			
12	1.3	20	0.03	0.03		412	657	598	1200	41	80	10.9	
13		22				510	813	784	1570	46	90	11.6	
16		27				775	1230	1180	2350	73	145	19.7	
20		30.5				882	1400	1370	2740	98	180	26.8	
25	1.6	38	0.03	0.04	980	1560	1570	3140	236	440	43.4		
30		43			1570	2490	2740	5490	262	480	82.8		
35		49			1670	2650	3140	6270	425	795	110		
40		57			2160	3430	4020	8040	654	1170	147		
50	2.1	76.5	0.035	0.045	6	3820	6080	7940	15900	1700	3100	152	

If rust prevention is required, please prioritize products with electroless nickel plating.

Specification of "E-LB" corresponds to the spec of "C-LM". Difference between these 2 type is only Part No.

Dimension Specification Table

Part Number			D		D		L		B		Lateral Misalignment (maximum)	Number of Ball rows	Weight (g)	Basic Rated Load	
Type	dr	Tolerance	Tolerance	Tolerance	Tolerance	Tolerance	Tolerance	Tolerance	Tolerance	C (Dynamic) N				C ₀ (Static) N	
DC-LM_UU	6	+0.003 -0.012	12	0	19	+0.2 -0.4	11.3	0	-0.4	1.1	0.024	4	7.4	206	265
	8		15	-0.013	24		15.3						13	265	380
	10		19	0	29		19.4						24	372	549
	12		21	-0.015	30		20.4						27	412	598
	16	28	+0.003 -0.013	37	0	42	+0.2 -0.5	23.3	0	1.3	0.03	5	74	775	1180
	20	32		42	27.3	83		882					1370		
	25	40		59	37.3	206		980					1570		
	30	45		64	40.8	229		1570					2740		

Basic Specifications

- Type - Straight
- Lubrication Type - Not Provided
- Types - Straight
- Seal - With Seal
- Style - Standard
- Accuracy - Standard Grade
- Ball Material - SUJ2 Equivalent
- Outer Sleeve Material - SUJ2 Equivalent
- Motion - Linear
- Retainer Material - Resin



(Type · Diameter dr · Ball Retainer)

ORDERING GUIDE



DC-LM8UU
DE-LB6UU

www.dymextech.com
india@dymextech.com