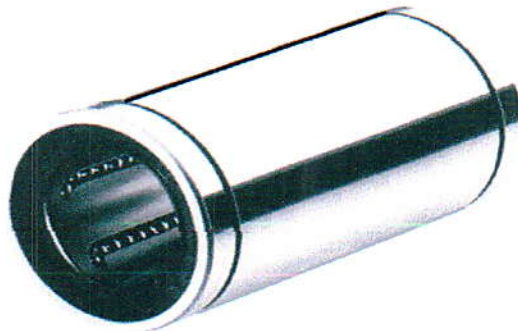




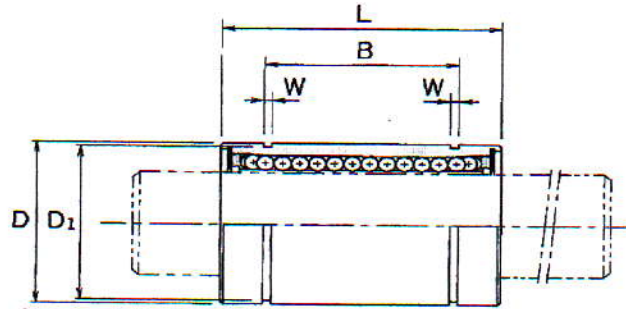
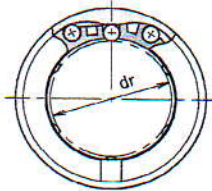
Linear Bushing



Dimension table . Dimension in mm

Cylindrical type Standard type	Number of ball rows	Weight g	Inscribed circle diameter		Outer diameter		
			dr	Tolerance	D	Tolerance	
LM 3 LUU	4	3	3	0 -0.010	7	0 -0.013	
LM 4 LUU	4	4	4		8		
LM 5 LUU	4	8	5		10		
LM 6 LUU	4	16	6		12		
LM 8 LUU	4	31	8		15	0 -0.016	
LM 10 LUU	4	62	10		19		
LM 12 LUU	4	80	12		21		
LM 13 LUU	4	90	13		0 -0.007	23	0 -0.016
LM 16 LUU	5	145	16			28	
LM 20 LUU	5	180	20		0 -0.015	32	0 -0.022
LM 25 LUU	6	440	25	40			
LM 30 LUU	6	580	30	45			
LM 35 LUU	6	795	35	0 -0.020	52	0 -0.025	
LM 40 LUU	6	1170	40		60		
LM 50 LUU	6	3100	50		80		
LM 60 LUU	6	3500	60		90		

- Linear bushing with model no.50 or below, a synthetic resin retainer is built-in to reduce running noise.  
For use at temperatures excess of 80oc, specify the letter 'GA' at the end of the model no. to install steel retainer.
- Specify when seal type is needed.



Dimension table . Dimension in mm

Length						Eccentricity	Radial clearance tolerance	Basic load rating	
L	Tolerance	B	Tolerance	W	D1	(Max.) m	m	C N	C <sub>0</sub> N
19	0 -0.3	-	0 -0.3	-	-	10	-2	139	216
23		-		-	-	10	-3	139	254
29		20		1.1	9.6	10	-3	263	412
35		27		1.1	11.5	15	-5	324	529
45		35		1.1	14.3	15	-5	431	784
55		44		1.3	18	15	-5	588	1100
57		46		1.3	20	15	-5	657	1200
61		46		1.3	22	15	-7	814	1570
70		53		1.6	27	15	-7	1230	2350
80		61		1.6	30.5	20	-9	1400	2750
112	0 -0.4	82	0 -0.4	1.85	38	20	-9	1560	3140
123		89		1.85	43	20	-9	2490	5490
135		99		2.1	49	25	-13	2650	6270
154		121		2.1	57	25	-13	3430	8040
192		148		2.6	76.5	25	-13	6080	15900
211		170		3.15	86.5	25	-16	7650	20000

- For steel type retainers, the form will be Linear bushing type as shown below.
- To prevent moment load, avoid using one linear bushing on a shaft but use two or more bushings, and the installation distance between the bushings should be made as large as possible.