

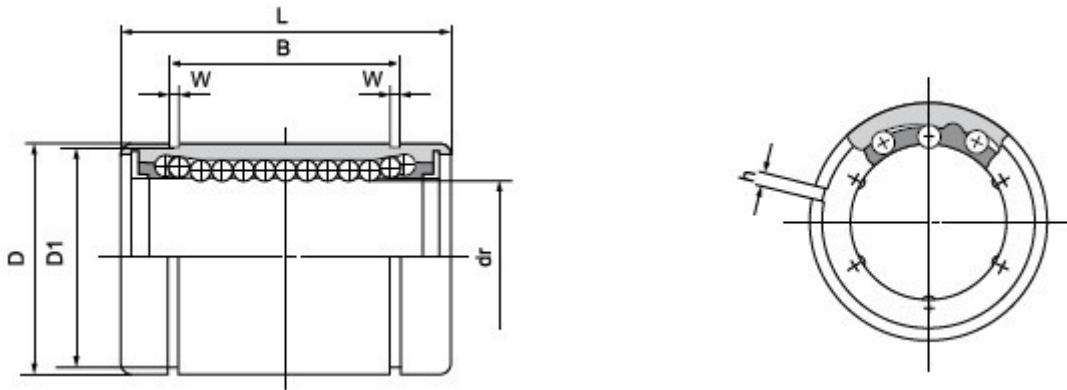
## Linear Motion Ball Bearing Series LM...UU-AJ:

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### Product Description:

**LM...UU (Resin retainer)**  
 This type is a metric dimension series widely used in Asia and other countries



Nominal shaft diameter mm	Resin retainer									mm	dr	
	LM...UU	ball circuit	Weight (gf)	LM...UU-AJ	ball circuit	Weight (gf)	LM...UU-OP	Ball circuit	Weight (gf)		Tolerance μ m	
											Precision	High
3	LM3	4	1.35	—	—	—	—	—	—	3	0	0
4	LM4	4	1.9	—	—	—	—	—	—	4	-5	-8
5	LM5UU	4	4	—	—	—	—	—	—	5		

6	LM6UU	4	7.6	LM6UU-AJ	4	7.5	—	—	—	6	0 -6	0 -9
8	LM8SUU	4	10.4	LM8SUU-AJ	4	10	—	—	—	8		
8	LM8UU	4	15	LM8UU-AJ	4	14.7	—	—	—	8		
10	LM10UU	4	29.5	LM10UU-AJ	4	29	LM10UU-OP	3	23	10		
12	LM12UU	4	31.5	LM12UU-AJ	4	31	LM12UU-OP	3	25	12		
13	LM13UU	4	43	LM13UU-AJ	4	42	LM13UU-OP	3	34	13		
16	LM16UU	5	69	LM16UU-AJ	5	68	LM16UU-OP	4	52	16		
20	LM20UU	5	87	LM20UU-AJ	5	85	LM20UU-OP	4	69	20	0 -7	0 -10
25	LM25UU	6	220	LM25UU-AJ	6	216	LM25UU-OP	5	188	25		
30	LM30UU	6	250	LM30UU-AJ	6	245	LM30UU-OP	5	210	30		
35	LM35UU	6	390	LM35UU-AJ	6	384	LM35UU-OP	5	335	35	0 -8	0 -12
40	LM40UU	6	585	LM40UU-AJ	6	579	LM40UU-OP	5	500	40		
50	LM50UU	6	1,580	LM50UU-AJ	6	1,560	LM50UU-OP	5	1,340	50		
60	LM60UU	6	1,860	LM60UU-AJ	6	1,820	LM60UU-OP	5	1,610	60	0	0
80	LM80UU	6	4,420	LM80UU-AJ	6	4,300	LM80UU-OP	5	3,650	80	-9	-15
100	LM100UU	6	8,600	LM100UU-AJ	6	8,540	LM100UU-OP	5	7,200	100	0	0
120	LM120UU	8	15,000	LM120UU-AJ	8	14,900	LM120UU-OP	6	11,600	120	-10	-20
150	LM150UU	8	20,250	LM150UU-AJ	8	20,150	LM150UU-OP	6	15,700	150	0 -13	0 -25

Major dimensions and tolerance											Eccentricity		Radial clearance (max) $\mu\text{m}$	Basic load rating	
mm	D	mm	L	mm	B	w mm	D1 mm	h mm	h1 mm	$\theta$	$\mu\text{M}$			Dynamic co N	Static Co N
	Tolerance $\mu\text{m}$		Tolerance $\mu\text{m}$		Tolerance $\mu\text{m}$						Precision	High			
7	0 -9	10	—	—	—	—	—	—	—	—	4	8	-3	69	105
8		12		—	—	—	—	—	—	—				68	127
10		15		10.2	0	1.1	9.6	—	—	—				167	206
12	0 -11	19	13.5	—	—	—	—	—	—	8	12	206		265	
15		17		11.5	1.1	14.3	1	—	176			216			
15		24		17.5	1.1	14.3	1	—	274			392			



**Live Chat:**

Msn:championchen1980@hotmail.com