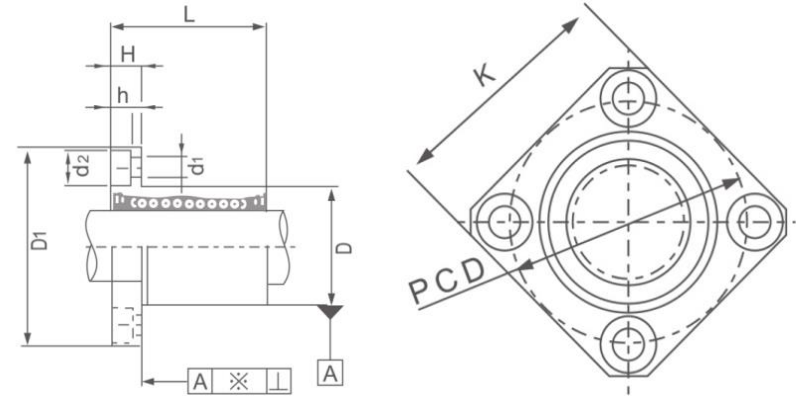




## Square Flanged Linear Bearing (European sizes)



Part Number	Inside Diameter (mm)	Tolerance (µm)	Number of Ball Circuits	Outside Diameter D (mm)	Tolerance (µm)	Total Length ±0.3 (mm)	Flange Square Diameter K (mm)	Flange Width (mm)	Bolt Hole PCD (mm)	Bolt / Bolt Hole Dimensions d1 x d2 x h (mm)	Radial Clearance max (µm)	Static Basic Load Rating (N)	Dynamic Basic Load Rating (N)	Weight (kg)
LMEK8UU	8	+8 to 0	4	16	0 to -11	25	25	5	24	3.5x6x3.1	-3	265	402	0.041
LMEK12UU	12		4	22	0 to -13	32	32	6	32	4.5x7.5x4.1	-4	510	784	0.080
LMEK16UU	16	+9 to -1	5	26		36	35	6	36	4.5x7.5x4.1		-6	578	892
LMEK20UU	20		5	32	0 to -16	45	42	8	43	5.5x9x5.1	-8		862	1370
LMEK25UU	25	+11 to -1	6	40		58	50	8	51	5.5x9x5.1		-13	980	1570
LMEK30UU	30		6	47	0 to -19	68	60	10	62	6.6x11x6.1	-13		1570	2740
LMEK40UU	40	+13 to -2	6	62		80	75	13	80	9x14x8.1		-13	2160	4020
LMEK50UU	50		6	75	100	88	13	94	9x14x8.1	4700	7940		1.745	
LMEK60UU	60		6	90	0 to -22	125	106	18	112		11x17x11.1		9800	3.220

Key: UU = 2 wiper seals

LMEK..UU Linear Bearing Series have a square flange and are manufactured to common European dimension standards. Flanged linear bearings are most commonly used in light-duty applications, which include food processing machinery, conveyors, material handling, textile machines, baggage systems and medical processing.