



Linear Bearings without Housing

Overview:

standard:

- LME...UU
- LM...UU

long:

- LME...LUU
- LM...LUU

adjustable:

- LME...UU·AJ
- LM...UU·AJ

open:

- LME...UU·OP
- LM...UU·OP

compact:

- KH...PP

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Linear Bearings without Housing



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Linear Bearings without Housing - compact KH...PP

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Linear Bearings without Housing - closed - standard

LME...UU



LME...UU Bearing according to the metric-European standard.
UU = Dirt wipers on both sides.

Bezeichnung / Type	Wellendurch- messer / Shaft Diameter	Anzahl Kugelläufe / Ball circuits	Exzentrizität / Eccentricity (µm)	Radialspiel max. / Radial clearance max. (µm)	Tragzahl / Basic load rating		Gewicht / Weight (g)
					Dynamisch C N / Dynamic C N	Statisch Co N / Static Co N	
LME5UU	Ø5	4	12	-3	206	265	11
LME8UU	Ø8	4	12	-3	265	402	20
LME10UU	Ø10	4	12	-4	372	549	29,5
LME12UU	Ø12	4	12	-4	510	784	41
LME16UU	Ø16	5	12	-4	578	892	57
LME20UU	Ø20	5	15	-6	862	1370	91
LME25UU	Ø25	6	15	-6	980	1570	215
LME30UU	Ø30	6	15	-8	1570	2740	325
LME40UU	Ø40	6	17	-8	2160	4020	705
LME50UU	Ø50	6	17	-13	3820	7940	1130
LME60UU *	Ø60	6	20	-13	4700	9800	2050
LME80UU *	Ø80	6	25	-20	7350	18000	5140.0

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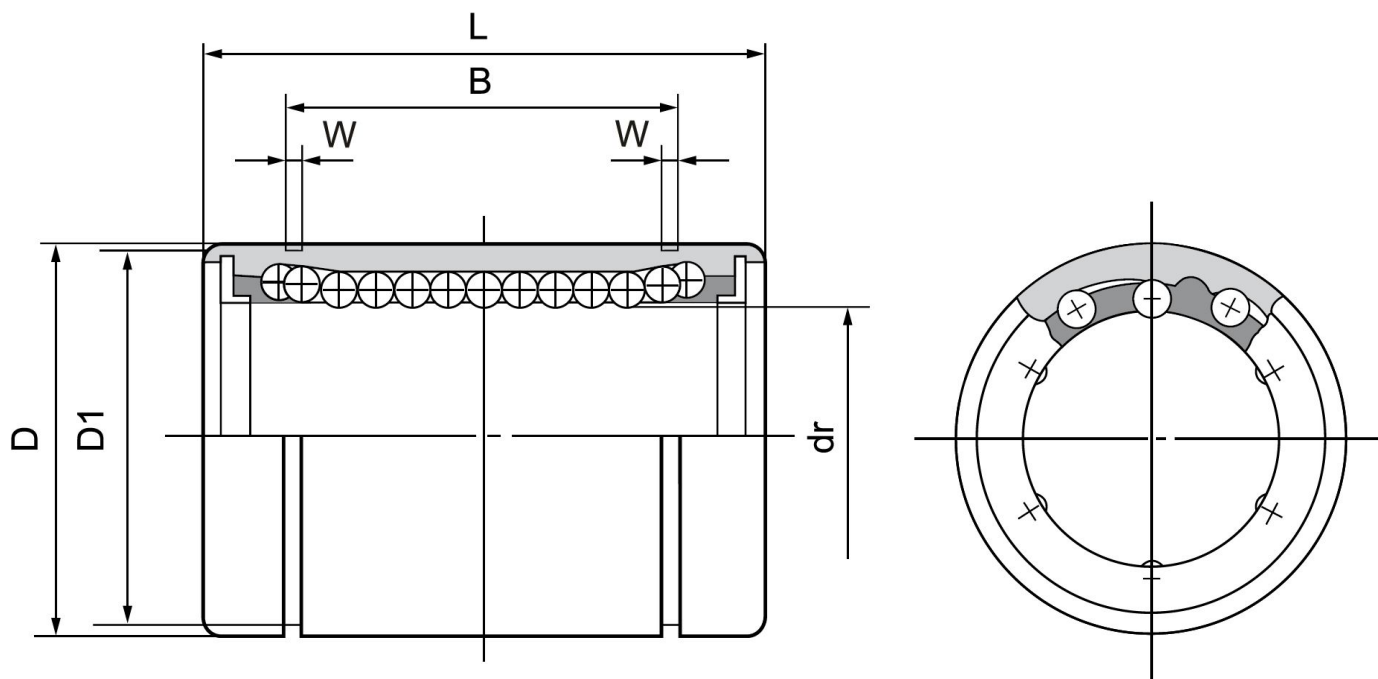
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Linear Bearings without Housing - closed - standard

LME...UU



Bezeichnung / Type	Art.Nr. / Item No.	dr			Maße und Toleranzen / Dimensions and tolerances							
		mm	Toleranz / Tolerance μm		D		L		B		W	D ₁
			Precision	High	mm	Tol. μm	mm	Tol. μm	mm	Tol. μm	mm	mm
LME5UU	10027	5	-	+8 / 0	12	0 / -8	22	0 / -200	14,5	0 / -200	1,1	11,5
LME8UU	10034	8	-	+8 / 0	16	0 / -8	25	0 / -200	16,5	0 / -200	1,1	15,2
LME10UU	10041	10	-	+8 / 0	19	0 / -9	29	0 / -200	22,0	0 / -200	1,3	18,0
LME12UU	10058	12	-	+8 / 0	22	0 / -9	32	0 / -200	22,9	0 / -200	1,3	21,0
LME16UU	10065	16	-	+9 / -1	26	0 / -9	36	0 / -200	24,9	0 / -200	1,3	24,9
LME20UU	10072	20	-	+9 / -1	32	0 / -11	45	0 / -200	31,5	0 / -200	1,6	30,3
LME25UU	10089	25	-	+11 / -1	40	0 / -11	58	0 / -300	44,1	0 / -300	1,85	37,5
LME30UU	10096	30	-	+11 / -1	47	0 / -11	68	0 / -300	52,1	0 / -300	1,85	44,5
LME40UU	10102	40	-	+13 / -2	62	0 / -13	80	0 / -300	60,6	0 / -300	2,15	59,5
LME50UU	LME50UU	50	-	+13 / -2	75	0 / -13	100	0 / -300	77,6	0 / -300	2,65	72,5
LME60UU *	LME60UU *	60	-	+13 / -2	90	0 / -15	125	0 / -400	101,7	0 / -400	3,15	86,5
LME80UU *	*	80	-	+16 / -4	120	0 / -19	165	0 / -400	133,7	0 / -400	4.15	116

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Linear Bearings without Housing - closed - standard

LM...UU



Bezeichnung / Type	Wellendurch- messer / Shaft Dia- meter	Anzahl Kugelläufe / Ball circuits	Exzentrizität / Eccentricity (µm)		Radialspiel max. / Radial clearance max. (µm)	Tragzahl / Basic load rating		Gewicht / Weight (g)
			Precision	High		Dynamisch C N Dynamic C N	Statisch Co N Static Co N	
LM5UU	Ø5	4	4	8	-3	167	206	4
LM6UU	Ø6	4	8	12	-3	206	265	7,6
LM8SUU *	Ø8	4	8	12	-2	176	216	10,4
LM8UU	Ø8	4	8	12	-3	274	392	15
LM10UU	Ø10	4	8	12	-4	372	549	29,5
LM12UU	Ø12	4	8	12	-4	510	784	31,5
LM13UU	Ø13	4	8	12	-4	510	784	43
LM16UU	Ø16	5	8	12	-6	774	1180	69
LM20UU	Ø20	5	10	15	-6	882	1370	87
LM25UU	Ø25	6	10	15	-6	980	1570	220
LM30UU	Ø30	6	10	15	-8	1570	2740	250
LM35UU	Ø35	6	12	20	-8	1670	3140	390
LM40UU	Ø40	6	12	20	-10	2160	4020	585
LM50UU	Ø50	6	12	20	-13	3820	7940	1580
LM60UU *	Ø60	6	17	25	-13	4700	10000	1860
LM80UU *	Ø80	6	17	25	-20	7350	16000	4420
LM100UU *	Ø100	6	20	30	-20	14100	34800	8600
LM120UU *	Ø120	8	20	30	-25	16400	40000	15000
LM150UU *	Ø150	8	25	40	-25	21100	54300	20250
LM180UU *	Ø180	8	30	40	-30	25800	59000	33915
LM200UU *	Ø200	8	30	40	-30	28100	61300	42360

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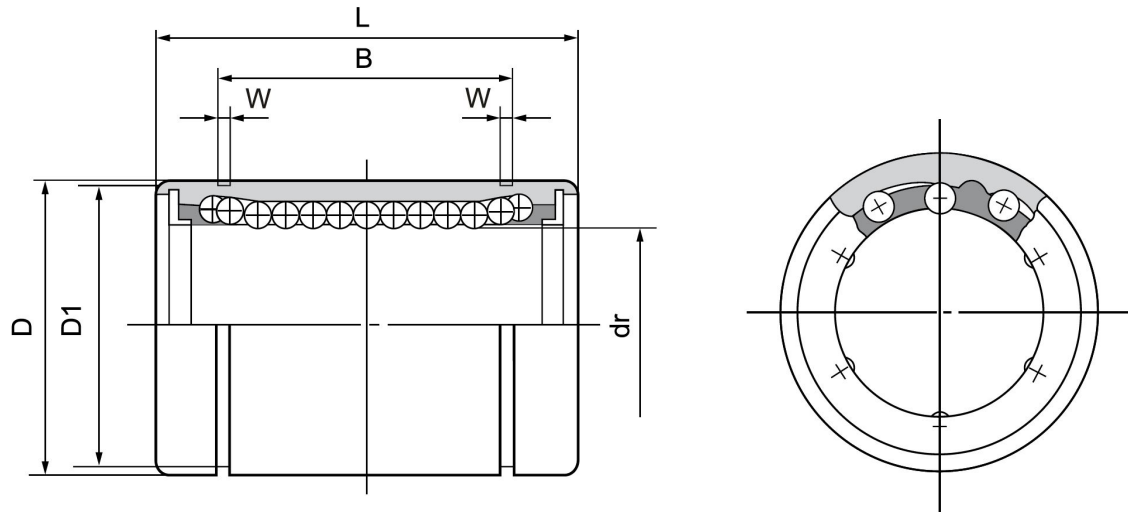
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Linear Bearings without Housing - closed - standard

LM...UU



Bezeichnung / Type	Art.Nr. / Item No.	dr			Maße und Toleranzen / Dimensions and tolerances							
		mm	Toleranz / Tolerance μm		D		L		B		W	D ₁
			Precision	High	mm	Tol. μm	mm	Tol. μm	mm	Tol. μm	mm	mm
LM5UU	LM5UU	5	0 / -5	0 / -8	10	0 / -9	15	0 / -120	10,2	0 / -200	1,1	9,6
LM6UU	LM6UU	6	0 / -6	0 / -9	12	0 / -11	19	0 / -200	13,5	0 / -200	1,1	11,5
LM8SUU	*	8	0 / -6	0 / -9	15	0 / -11	17	0 / -200	11,5	0 / -200	1,1	14,3
LM8UU	13110	8	0 / -6	0 / -9	15	0 / -11	24	0 / -200	17,5	0 / -200	1,1	14,3
LM10UU	13127	10	0 / -6	0 / -9	19	0 / -13	29	0 / -200	22	0 / -200	1,3	18
LM12UU	13134	12	0 / -6	0 / -9	21	0 / -13	30	0 / -200	23	0 / -200	1,3	20
LM13UU	LM13UU	13	0 / -6	0 / -9	23	0 / -13	32	0 / -200	23	0 / -200	1,3	22
LM16UU	10119	16	0 / -6	0 / -9	28	0 / -13	37	0 / -200	26,5	0 / -200	1,6	27
LM20UU	10126	20	0 / -7	0 / -10	32	0 / -16	42	0 / -200	30,5	0 / -200	1,6	30,5
LM25UU	10133	25	0 / -7	0 / -10	40	0 / -16	59	0 / -300	41	0 / -300	1,85	38
LM30UU	LM30UU	30	0 / -7	0 / -10	45	0 / -16	64	0 / -300	44,5	0 / -300	1,85	43
LM35UU	LM35UU	35	0 / -8	0 / -12	52	0 / -19	70	0 / -300	49,5	0 / -300	2,1	49
LM40UU	LM40UU	40	0 / -8	0 / -12	60	0 / -19	80	0 / -300	60,5	0 / -300	2,1	57
LM50UU	LM50UU	50	0 / -8	0 / -12	80	0 / -19	100	0 / -300	74	0 / -300	2,6	76,5
LM60UU *	LM60UU *	60	0 / -9	0 / -15	90	0 / -22	110	0 / -300	85	0 / -300	3,15	86,5
LM80UU *	*	80	0 / -9	0 / -15	120	0 / -22	140	0 / -400	105,5	0 / -400	4,15	116
LM100UU *	*	100	0 / -10	0 / -20	150	0 / -25	175	0 / -400	125,5	0 / -400	4,15	145
LM120UU *	*	120	0 / -10	0 / -20	180	0 / -25	200	0 / -400	158,6	0 / -400	4,15	175
LM150UU *	*	150	0 / -13	0 / -25	210	0 / -29	240	0 / -400	170,6	0 / -400	5,15	204
LM180UU *	*	180	0 / -19	0 / -30	260	0 / -30	280	0 / -400	210,6	0 / -400	5,15	254
LM200UU *	*	200	0 / -19	0 / -30	280	0 / -30	320	0 / -400	250,6	0 / -400	5,15	274

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Linear Bearings without Housing - closed - long

LME...LUU



LME...LUU Bearing according to the metric-European standard.

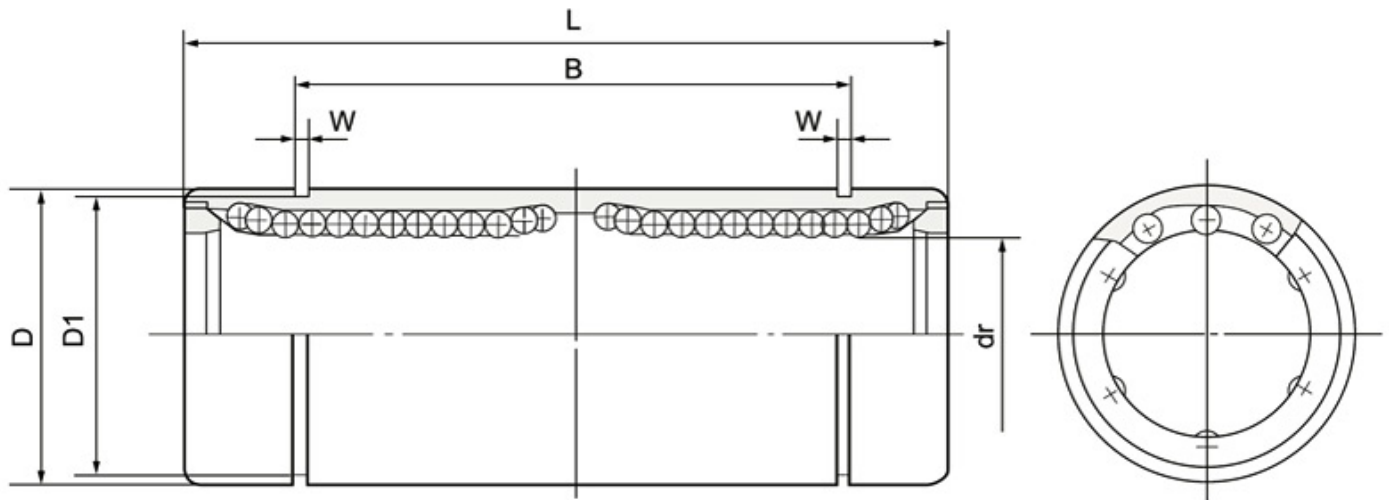
UU = Dirt wipers on both sides.

Bezeichnung / Type	Wellendurch- messer / Shaft Diameter	Anzahl Kugelläufe / Ball circuits	Exzentrizität / Eccentricity (µm)	Tragzahl / Basic load rating		Gewicht / Weight (g)
				Dynamisch C N / Dynamic C N	Statisch Co N / Static Co N	
LME8LUU	Ø8	4	15	421	804	40
LME12LUU	Ø12	4	15	813	1570	80
LME16LUU	Ø16	5	15	921	1780	115
LME20LUU	Ø20	5	17	1370	2740	180
LME25LUU	Ø25	6	17	1570	3140	430
LME30LUU	Ø30	6	17	2500	5490	615
LME40LUU	Ø40	6	20	3430	8040	1400
LME50LUU *	Ø50	6	20	6080	15900	2320
LME60LUU *	Ø60	6	25	7550	20000	3920
LME80LUU *	Ø80	6	30	11500	32000	7710

* on demand

Linear Bearings without Housing - closed - long

LME...LUU



Bezeichnung / Type	Art.Nr. / Item No.	Maße und Toleranzen / Dimensions and tolerances									
		dr		D		L		B		W	D ₁
		mm	Tol. µm	mm	Tol. µm	mm	Tol. µm	mm	Tol. µm	mm	mm
LME8LUU	LME8LUU	8	+9 / -1	16	0 / -9	46	0 / -300	33	0 / -200	1,1	15,2
LME12LUU	14063	12	+9 / -1	22	0 / -11	61	0 / -300	45,8	0 / -200	1,3	21,0
LME16LUU	14070	16	+11 / -1	26	0 / -11	68	0 / -300	49,8	0 / -200	1,3	24,9
LME20LUU	14087	20	+11 / -1	32	0 / -13	80	0 / -300	61	0 / -200	1,6	30,5
LME25LUU	LME25LUU	25	+13 / -2	40	0 / -13	112	0 / -400	82	0 / -300	1,85	38
LME30LUU	LME30LUU	30	+13 / -2	47	0 / -13	123	0 / -400	104,2	0 / -300	1,85	44,5
LME40LUU	LME40LUU	40	+16 / -4	62	0 / -15	151	0 / -400	121,2	0 / -300	2,15	59
LME50LUU *	LME50LUU *	50	+16 / -4	75	0 / -15	192	0 / -400	155,2	0 / -300	2,65	72
LME60LUU *	LME60LUU *	60	+16 / -4	90	0 / -20	209	0 / -400	170	0 / -400	3,15	86,5
LME80LUU *	*	80	+19 / -6	120	0 / -20	265	0 / -400	216	0 / -400	4,15	116

* on demand

Linear Bearings without Housing - closed - long

LM...LUU



LM...LUU Metric-Japanese standard bearing.
UU = Dirt wipers on both sides.

Bezeichnung / Type	Wellendurch- messer / Shaft Diameter	Anzahl Kugelumläufe / Ball circuits	Exzentrizität / Eccentricity (µm)	Tragzahl / Basic load rating		Gewicht / Weight (g)
				Dynamisch C N Dynamic C N	Statisch Co N Static Co N	
LM5LUU *	Ø5	4	15	265	412	8,4
LM6LUU	Ø6	4	15	323	530	16
LM8LUU	Ø8	4	15	431	784	31
LM10LUU	Ø10	4	15	588	1100	62
LM12LUU	Ø12	4	15	813	1570	80
LM13LUU	Ø13	4	15	813	1570	90
LM16LUU	Ø16	5	15	1230	2350	145
LM20LUU	Ø20	5	20	1400	2740	180
LM25LUU	Ø25	6	20	1560	3140	440
LM30LUU	Ø30	6	20	2490	5490	480
LM35LUU	Ø35	6	25	2650	6270	795
LM40LUU *	Ø40	6	25	3430	8040	1170
LM50LUU *	Ø50	6	25	6080	15900	3100
LM60LUU *	Ø60	6	30	7550	20000	3500
LM80LUU *	Ø80	6	30	11500	32000	7710

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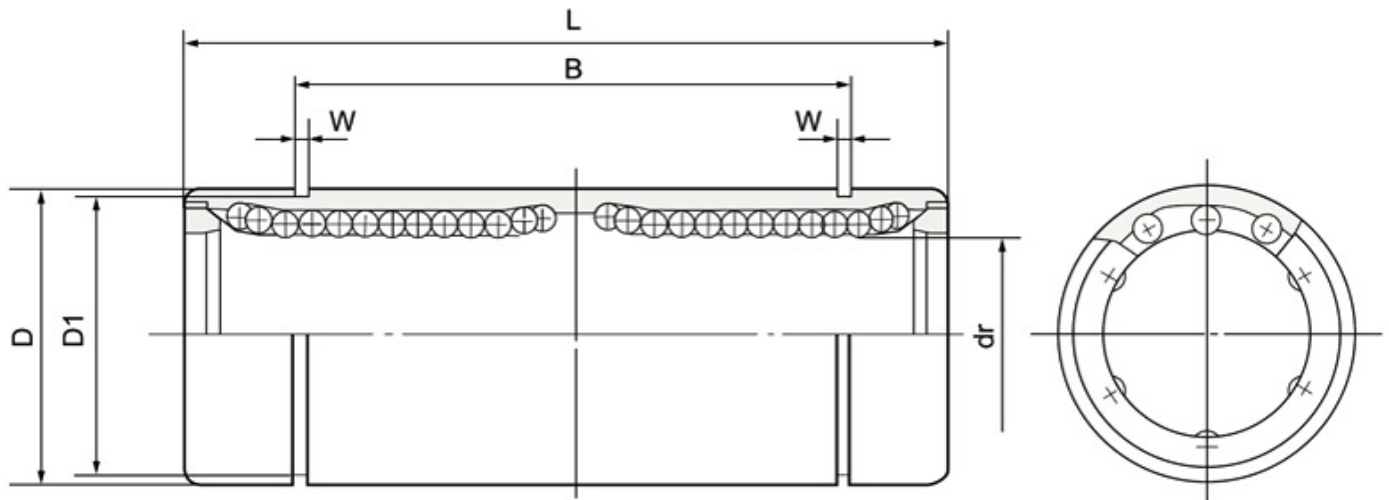
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Linear Bearings without Housing - closed - long

LM...LUU



Bezeichnung / Type	Art.Nr. / Item No.	Maße und Toleranzen / Dimensions and tolerances									
		dr		D		L		B		W	D ₁
		mm	Tol. µm	mm	Tol. µm	mm	Tol. µm	mm	Tol. µm	mm	mm
LM5LUU *	*	5	0 / -10	10	0 / -13	28	0 / -300	20,4	0 / -200	1,1	9,5
LM6LUU	LM6LUU	6	0 / -10	12	0 / -13	35	0 / -300	27	0 / -300	1,1	11,5
LM8LUU	LM8LUU	8	0 / -10	15	0 / -13	45	0 / -300	35	0 / -300	1,1	14,3
LM10LUU	14056	10	0 / -10	19	0 / -16	55	0 / -300	44	0 / -300	1,3	18
LM12LUU	LM12LUU	12	0 / -10	21	0 / -16	57	0 / -300	46	0 / -300	1,3	20
LM13LUU	LM13LUU	13	0 / -10	23	0 / -16	61	0 / -300	46	0 / -300	1,3	22
LM16LUU	LM16LUU	16	0 / -10	28	0 / -16	70	0 / -300	53	0 / -300	1,6	27
LM20LUU	LM20LUU	20	0 / -12	32	0 / -19	80	0 / -300	61	0 / -300	1,6	30,5
LM25LUU	LM25LUU	25	0 / -12	40	0 / -19	112	0 / -400	82	0 / -400	1,85	38
LM30LUU	LM30LUU	30	0 / -12	45	0 / -19	123	0 / -400	89	0 / -400	1,85	43
LM35LUU	LM35LUU	35	0 / -15	52	0 / -22	135	0 / -400	99	0 / -400	2,1	49
LM40LUU *	LM40LUU *	40	0 / -15	60	0 / -22	151	0 / -400	121	0 / -400	2,1	57
LM50LUU *	LM50LUU *	50	0 / -15	80	0 / -22	192	0 / -400	148	0 / -400	2,6	76,5
LM60LUU *	LM60LUU *	60	0 / -20	90	0 / -25	209	0 / -400	170	0 / -400	3,15	86,5
LM80LUU *	*	80	0 / -20	120	0 / -25	265	0 / -400	216	0 / -400	4,15	116

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Linear Bearings without Housing - closed - adjustable

LME...UU-AJ



LME...UU-AJ Bearing according to the metric-European standard.

UU = Dirt wipers on both sides.

AJ = adjustable

Bezeichnung / Type	Wellendurch- messer / Shaft Diameter	Anzahl Kugelläufe / Ball circuits	Exzentrizität / Eccentricity (µm)	Radialspiel max. / Radial clearance max. (µm)	Tragzahl / Basic load rating		Gewicht / Weight (g)
					Dynamisch C N / Dynamic C N	Statisch Co N / Static Co N	
LME5UU-AJ	Ø5	4	12	-3	206	265	10
LME8UU-AJ	Ø8	4	12	-3	265	402	19,5
LME10UU-AJ	Ø10	4	12	-4	372	549	29
LME12UU-AJ	Ø12	4	12	-4	510	784	40
LME16UU-AJ	Ø16	5	12	-4	578	892	56
LME20UU-AJ	Ø20	5	15	-6	862	1370	90
LME25UU-AJ	Ø25	6	15	-6	980	1570	212
LME30UU-AJ	Ø30	6	15	-8	1570	2740	320
LME40UU-AJ	Ø40	6	17	-8	2160	4020	694
LME50UU-AJ *	Ø50	6	17	-13	3820	7940	1110
LME60UU-AJ *	Ø60	6	20	-13	4700	9800	2000
LME80UU-AJ *	Ø80	6	25	-20	7350	18000	5000

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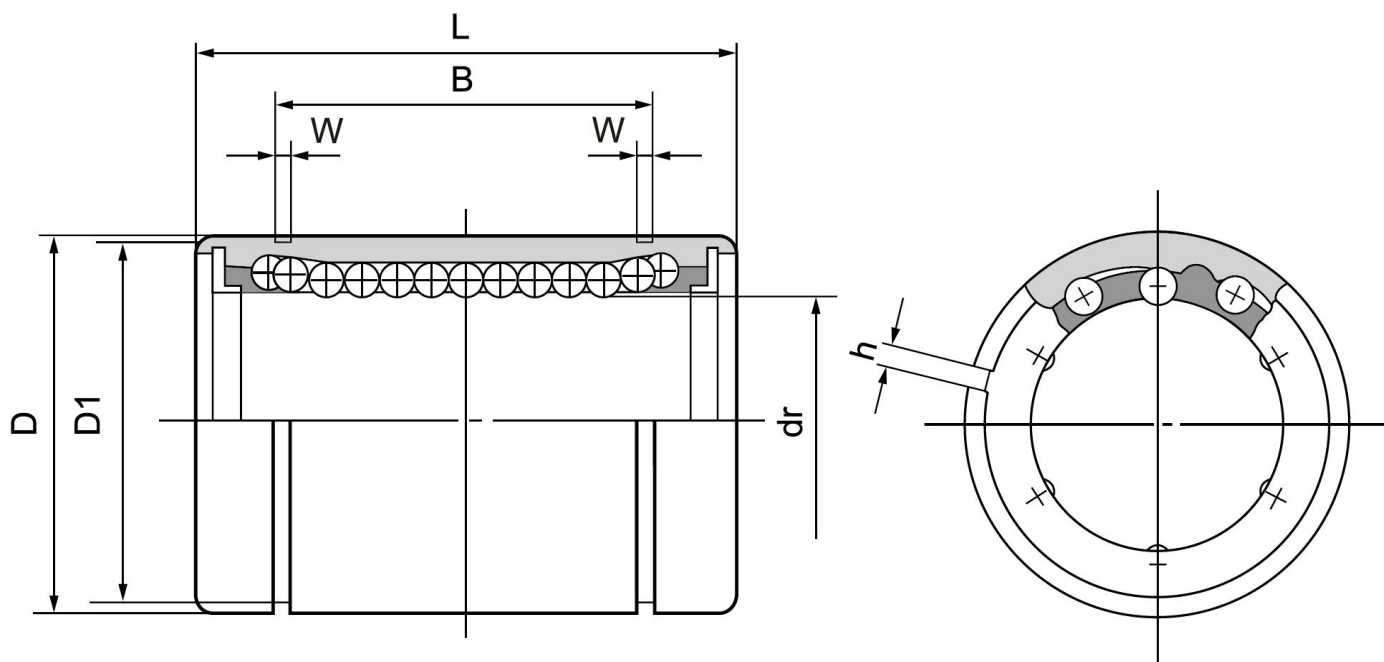
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Linear Bearings without Housing - closed - adjustable

LME...UU-AJ



Bezeichnung / Type	Art.Nr. / Item No.	dr		Maße und Toleranzen / Dimensions and tolerances									
		mm	Toleranz / Tolerance μm		D		L		B		W	D ₁	h
			Precision	High	mm	Tol. μm	mm	Tol. μm	mm	Tol. μm	mm	mm	mm
LME5UU-AJ	10331	5	-	+8 / 0	12	0 / -8	22	0 / -200	14,5	0 / -200	1,1	11,5	1
LME8UU-AJ	10348	8	-	+8 / 0	16	0 / -8	25	0 / -200	16,5	0 / -200	1,1	15,2	1
LME10UU-AJ	10355	10	-	+8 / 0	19	0 / -9	29	0 / -200	22,0	0 / -200	1,3	18,0	1
LME12UU-AJ	10362	12	-	+8 / 0	22	0 / -9	32	0 / -200	22,9	0 / -200	1,3	21,0	1,5
LME16UU-AJ	10379	16	-	+9 / -1	26	0 / -9	36	0 / -200	24,9	0 / -200	1,3	24,9	1,5
LME20UU-AJ	10386	20	-	+9 / -1	32	0 / -11	45	0 / -200	31,5	0 / -200	1,6	30,3	2
LME25UU-AJ	10393	25	-	+11 / -1	40	0 / -11	58	0 / -300	44,1	0 / -300	1,85	37,5	2
LME30UU-AJ	10409	30	-	+11 / -1	47	0 / -11	68	0 / -300	52,1	0 / -300	1,85	44,5	2
LME40UU-AJ	13165	40	-	+13 / -2	62	0 / -13	80	0 / -300	60,6	0 / -300	2,15	59,5	3
LME50UU-AJ	*	50	-	+13 / -2	75	0 / -13	100	0 / -300	77,6	0 / -300	2,65	72,5	3
LME60UU-AJ	*	60	-	+13 / -2	90	0 / -15	125	0 / -400	101,7	0 / -400	3,15	86,5	3
LME80UU-AJ	*	80	-	+16 / -4	120	0 / -19	165	0 / -400	133,7	0 / -400	4,15	116	3

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Linear Bearings without Housing - closed - adjustable

LM...UU-AJ



LM...UU-AJ Metric-Japanese standard bearing.

Bezeichnung / Type	Wellendurch- messer / Shaft Diameter	Anzahl Kugelläufe / Ball circuits	Exzentrizität / Eccentricity (µm)		Radialspiel max. / Radial clearance max. (µm)	Tragzahl / Basic load rating		Gewicht / Weight (g)
			Precision	High		Dynamisch C N Dynamic C N	Statisch Co N Static Co N	
LM6UU-AJ *	Ø6	4	8	12	-3	206	265	7,5
LM8SUU-AJ *	Ø8	4	8	12	-2	176	216	10
LM8UU-AJ	Ø8	4	8	12	-3	274	392	14,7
LM10UU-AJ	Ø10	4	8	12	-4	372	549	29
LM12UU-AJ	Ø12	4	8	12	-4	510	784	31
LM13UU-AJ	Ø13	4	8	12	-4	510	784	42
LM16UU-AJ	Ø16	5	8	12	-6	774	1180	68
LM20UU-AJ	Ø20	5	10	15	-6	882	1370	85
LM25UU-AJ	Ø25	6	10	15	-6	980	1570	216
LM30UU-AJ	Ø30	6	10	15	-8	1570	2740	245
LM35UU-AJ	Ø35	6	12	20	-8	1670	3140	384
LM40UU-AJ	Ø40	6	12	20	-10	2160	4020	579
LM50UU-AJ *	Ø50	6	12	20	-13	3820	7940	1560
LM60UU-AJ *	Ø60	6	17	25	-13	4700	10000	1820
LM80UU-AJ *	Ø80	6	17	25	-20	7350	16000	4300
LM100UU-AJ *	Ø100	6	20	30	-20	14100	34800	8540
LM120UU-AJ *	Ø120	8	20	30	-25	16400	40000	14900
LM150UU-AJ *	Ø150	8	25	40	-25	21100	54300	20150
LM180UU-AJ *	Ø180	8	25	40	-25	21100	54300	33795
LM200UU-AJ *	Ø200	8	25	40	-25	21100	54300	42180

* on demand

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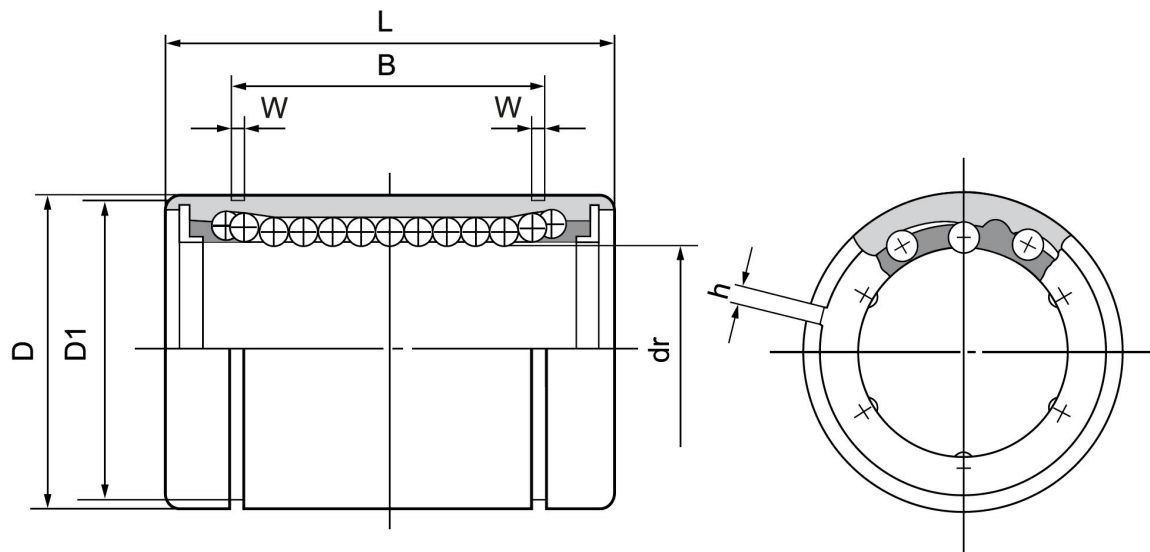
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Linear Bearings without Housing - closed - adjustable

LM...UU-AJ



Bezeichnung / Type	Art.Nr. / Item No.	dr			Maße und Toleranzen / Dimensions and tolerances								
		mm	Toleranz / Tolerance μm		D		L		B		W	D ₁	h
			Precision	High	mm	Tol. μm	mm	Tol. μm	mm	Tol. μm	mm	mm	mm
LM6UU-AJ *	*	6	0 / -6	0 / -9	12	0 / -11	19	0 / -200	13,5	0 / -200	1,1	11,5	1
LM8SUU-AJ *	*	8	0 / -6	0 / -9	15	0 / -11	17	0 / -200	11,5	0 / -200	1,1	14,3	1
LM8UU-AJ	13141	8	0 / -6	0 / -9	15	0 / -11	24	0 / -200	17,5	0 / -200	1,1	14,3	1
LM10UU-AJ	10270	10	0 / -6	0 / -9	19	0 / -13	29	0 / -200	22	0 / -200	1,3	18	1
LM12UU-AJ	10287	12	0 / -6	0 / -9	21	0 / -13	30	0 / -200	23	0 / -200	1,3	20	1,5
LM13UU-AJ	LM13UU-AJ	13	0 / -6	0 / -9	23	0 / -13	32	0 / -200	23	0 / -200	1,3	22	1,5
LM16UU-AJ	10294	16	0 / -6	0 / -9	28	0 / -13	37	0 / -200	26,5	0 / -200	1,6	27	1,5
LM20UU-AJ	10300	20	0 / -7	0 / -10	32	0 / -16	42	0 / -200	30,5	0 / -200	1,6	30,5	1,5
LM25UU-AJ	10317	25	0 / -7	0 / -10	40	0 / -16	59	0 / -300	41	0 / -300	1,85	38	2
LM30UU-AJ	10324	30	0 / -7	0 / -10	45	0 / -16	64	0 / -300	44,5	0 / -300	1,85	43	2,5
LM35UU-AJ	LM35UU-AJ	35	0 / -8	0 / -12	52	0 / -19	70	0 / -300	49,5	0 / -300	2,1	49	2,5
LM40UU-AJ	13158	40	0 / -8	0 / -12	60	0 / -19	80	0 / -300	60,5	0 / -300	2,1	57	3
LM50UU-AJ *	LM50UU-AJ *	50	0 / -8	0 / -12	80	0 / -19	100	0 / -300	74	0 / -300	2,6	76,5	3
LM60UU-AJ *	LM60UU-AJ *	60	0 / -9	0 / -15	90	0 / -22	110	0 / -300	85	0 / -300	3,15	86,5	3
LM80UU-AJ *	*	80	0 / -9	0 / -15	120	0 / -22	140	0 / -400	105,5	0 / -400	4,15	116	3
LM100UU-AJ *	*	100	0 / -10	0 / -20	150	0 / -25	175	0 / -400	125,5	0 / -400	4,15	145	3
LM120UU-AJ *	*	120	0 / -10	0 / -20	180	0 / -25	200	0 / -400	158,6	0 / -400	4,15	175	3
LM150UU-AJ *	*	150	0 / -13	0 / -25	210	0 / -29	240	0 / -400	170,6	0 / -400	5,15	204	3
LM180UU-AJ *	*	180	0 / -19	0 / -30	260	0 / -30	280	0 / -400	210,6	0 / -400	5,15	254	3
LM200UU-AJ *	*	200	0 / -19	0 / -30	280	0 / -30	320	0 / -400	250,6	0 / -400	5,15	274	3

* on demand

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Linear Bearings without Housing - open - standard

LME...UU-OP



LME...UU-OP Bearing according to the metric-European standard.

UU = Dirt wipers on both sides.

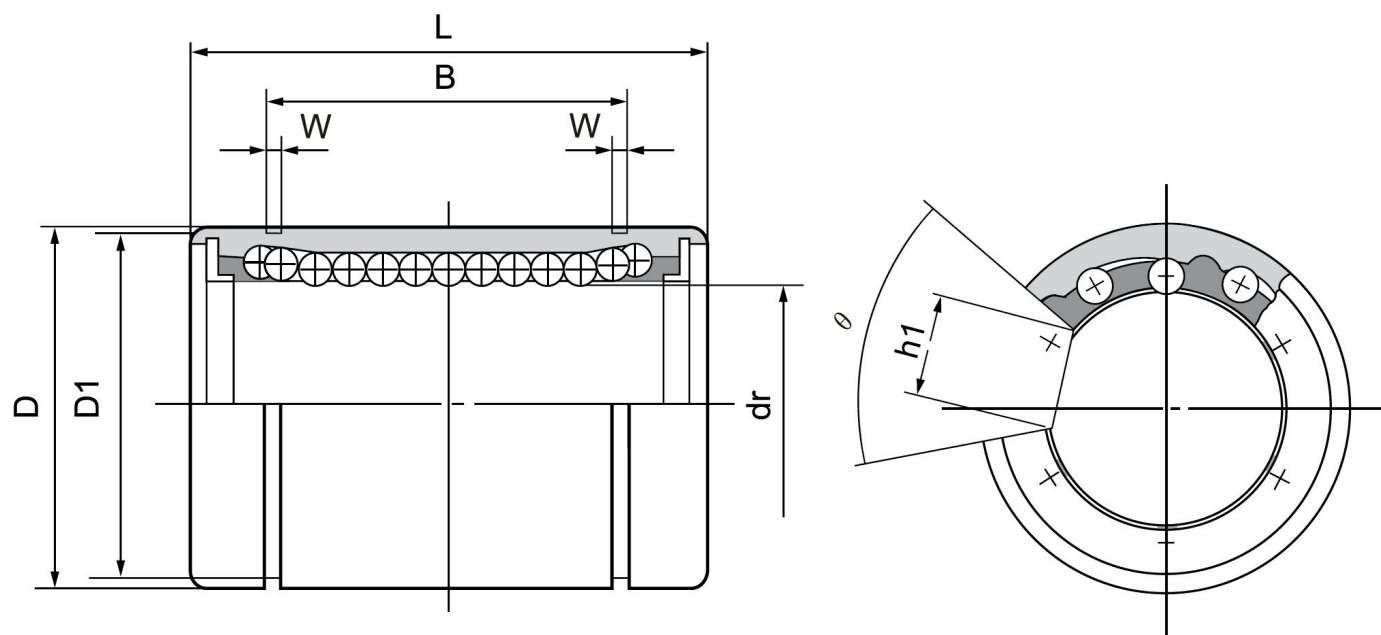
OP = open

Bezeichnung / Type	Wellendurch- messer / Shaft Diameter	Anzahl Kugelläufe / Ball circuits	Exzentrizität / Eccentricity (μm)	Radialspiel max. / Radial clearance max. (μm)	Tragzahl / Basic load rating		Gewicht / Weight (g)
					Dynamisch C N / Dynamic C N	Statisch Co N / Static Co N	
LME10UU-OP	Ø10	4	12	-4	372	549	29,5
LME12UU-OP	Ø12	4	12	-4	510	784	41
LME16UU-OP	Ø16	5	12	-4	578	892	57
LME20UU-OP	Ø20	5	15	-6	862	1370	91
LME25UU-OP	Ø25	6	15	-6	980	1570	215
LME30UU-OP	Ø30	6	15	-8	1570	2740	325
LME40UU-OP	Ø40	6	17	-8	2160	4020	705
LME50UU-OP *	Ø50	6	17	-13	3820	7940	1130
LME60UU-OP *	Ø60	6	20	-13	4700	9800	2050
LME80UU-OP *	Ø80	6	25	-20	7350	18000	5140

* on demand

Linear Bearings without Housing - open - standard

LME...UU-OP



Bezeichnung / Type	Art.Nr. / Item No.	dr		Maße und Toleranzen / Dimensions and tolerances										
		mm	Toleranz / Tolerance μm		D		L		B		W	D ₁	h ₁	θ
			Precision	High	mm	Tol. μm	mm	Tol. μm	mm	Tol. μm	mm	mm	mm	
LME10UU-OP	10218	10	-	+8 / 0	19	0 / -9	29	0 / -200	22,0	0 / -200	1,3	18,0	6,8	80°
LME12UU-OP	10225	12	-	+8 / 0	22	0 / -9	32	0 / -200	22,9	0 / -200	1,3	21,0	7,5	78°
LME16UU-OP	10232	16	-	+9 / -1	26	0 / -9	36	0 / -200	24,9	0 / -200	1,3	24,9	10	78°
LME20UU-OP	10249	20	-	+9 / -1	32	0 / -11	45	0 / -200	31,5	0 / -200	1,6	30,3	10	60°
LME25UU-OP	10256	25	-	+11 / -1	40	0 / -11	58	0 / -300	44,1	0 / -300	1,85	37,5	12,5	60°
LME30UU-OP	10263	30	-	+11 / -1	47	0 / -11	68	0 / -300	52,1	0 / -300	1,85	44,5	12,5	50°
LME40UU-OP	LME40UU-OP	40	-	+13 / -2	62	0 / -13	80	0 / -300	60,6	0 / -300	2,15	59,5	16,8	50°
LME50UU-OP*	LME50UU-OP*	50	-	+13 / -2	75	0 / -13	100	0 / -300	77,6	0 / -300	2,65	72,5	21	50°
LME60UU-OP*	LME60UU-OP*	60	-	+13 / -2	90	0 / -15	125	0 / -400	101,7	0 / -400	3,15	86,5	27,2	54°
LME80UU-OP*	*	80	-	+16 / -4	120	0 / -19	165	0 / -400	133,7	0 / -400	4,15	116	36,3	54°

* on demand

Linear Bearings without Housing - open - standard

LM...UU-OP



LM...UU-OP LBearing according to the metric-European standard.

UU = Dirt wipers on both sides.

OP = open

Bezeichnung / Type	Wellendurch- messer / Shaft Diameter	Anzahl Kugelläufe / Ball circuits	Exzentrizität / Eccentricity (µm)		Radialspiel max. / Radial clearance max. (µm)	Tragzahl / Basic load rating		Gewicht / Weight (g)
			Precision	High		Dynamisch C N Dynamic C N	Statisch Co N Static Co N	
LM10UU-OP	Ø10	3	8	12	-4	372	549	23
LM12UU-OP	Ø12	3	8	12	-4	510	784	25
LM13UU-OP	Ø13	3	8	12	-4	510	784	34
LM16UU-OP	Ø16	4	8	12	-6	774	1180	52
LM20UU-OP	Ø20	4	10	15	-6	882	1370	69
LM25UU-OP	Ø25	5	10	15	-6	980	1570	188
LM30UU-OP	Ø30	5	10	15	-8	1570	2740	210
LM35UU-OP	Ø35	5	12	20	-8	1670	3140	335
LM40UU-OP	Ø40	5	12	20	-10	2160	4020	500
LM50UU-OP	Ø50	5	12	20	-13	3820	7940	1340
LM60UU-OP	Ø60	5	17	25	-13	4700	10000	1610
LM80UU-OP *	Ø80	5	17	25	-20	7350	16000	3650
LM100UU-OP *	Ø100	5	20	30	-20	14100	34800	7200
LM120UU-OP *	Ø120	6	20	30	-25	16400	40000	11600
LM150UU-OP *	Ø150	6	25	40	-25	21100	54300	15700
LM180UU-OP *	Ø180	6	30	40	-30	25800	59000	29702
LM200UU-OP *	Ø200	6	30	40	-30	28100	61300	37065

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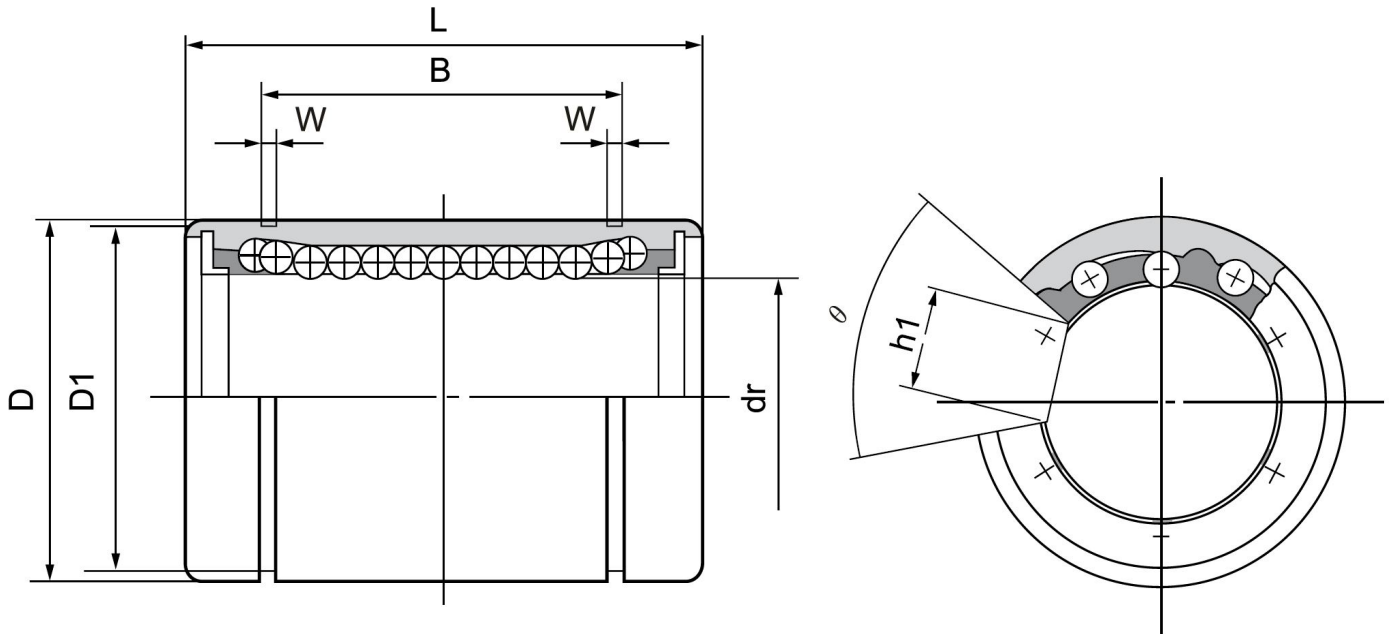
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Linear Bearings without Housing - open - standard

LM...UU-OP



Bezeichnung Type	Art.Nr. / Item No.	dr			Maße und Toleranzen / Dimensions and tolerances									
		mm	Toleranz / Tolerance µm		D		L		B		W	D ₁	h ₁	θ
			Precision	High	mm	Tol. µm	mm	Tol. µm	mm	Tol. µm	mm	Tol. µm	mm	
LM10UU-OP	10140	10	0 / -6	0 / -9	19	0 / -13	29	0 / -200	22	0 / -200	1,3	18	6,8	80°
LM12UU-OP	10157	12	0 / -6	0 / -9	21	0 / -13	30	0 / -200	23	0 / -200	1,3	20	8	80°
LM13UU-OP *	LM13UU-OP*	13	0 / -6	0 / -9	23	0 / -13	32	0 / -200	23	0 / -200	1,3	22	9	80°
LM16UU-OP	10164	16	0 / -6	0 / -9	28	0 / -13	37	0 / -200	26,5	0 / -200	1,6	27	11	80°
LM20UU-OP	10171	20	0 / -7	0 / -10	32	0 / -16	42	0 / -200	30,5	0 / -200	1,6	30,5	11	60°
LM25UU-OP	10188	25	0 / -7	0 / -10	40	0 / -16	59	0 / -300	41	0 / -300	1,85	38	12	50°
LM30UU-OP	10195	30	0 / -7	0 / -10	45	0 / -16	64	0 / -300	44,5	0 / -300	1,85	43	15	50°
LM35UU-OP *	LM35UU-OP*	35	0 / -8	0 / -12	52	0 / -19	70	0 / -300	49,5	0 / -300	2,1	49	17	50°
LM40UU-OP	10201	40	0 / -8	0 / -12	60	0 / -19	80	0 / -300	60,5	0 / -300	2,1	57	20	50°
LM50UU-OP *	LM50UU-OP*	50	0 / -8	0 / -12	80	0 / -19	100	0 / -300	74	0 / -300	2,6	76,5	25	50°
LM60UU-OP *	LM60UU-OP*	60	0 / -9	0 / -15	90	0 / -22	110	0 / -300	85	0 / -300	3,15	86,5	30	50°
LM80UU-OP *	*	80	0 / -9	0 / -15	120	0 / -22	140	0 / -400	105,5	0 / -400	4,15	116	40	50°
LM100UU-OP*	*	100	0 / -10	0 / -20	150	0 / -25	175	0 / -400	125,5	0 / -400	4,15	145	50	50°
LM120UU-OP*	*	120	0 / -10	0 / -20	180	0 / -25	200	0 / -400	158,6	0 / -400	4,15	175	85	80°
LM150UU-OP*	*	150	0 / -13	0 / -25	210	0 / -29	240	0 / -400	170,6	0 / -400	5,15	204	105	80°
LM180UU-OP*	*	180	0 / -19	0 / -30	260	0 / -30	280	0 / -400	210,6	0 / -400	5,15	254	125	80°
LM200UU-OP*	*	200	0 / -19	0 / -30	280	0 / -30	320	0 / -400	250,6	0 / -400	5,15	274	140	80°

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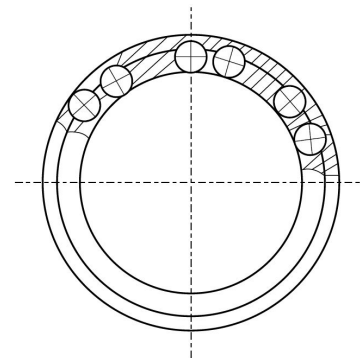
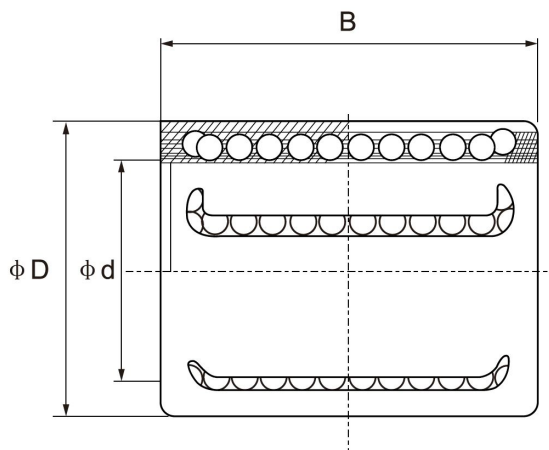
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Linear Bearings without Housing - compact

KH...PP



PP = Dirt wipers on both sides.



Bezeichnung / Type	Art.Nr. / Item No.	Maße / Dimensions (mm)			Tragzahl / Basic load rating		Gewicht / Weight (g)
		ϕd	ϕD	B	Dynamisch C N / Dynamic C N	Statisch Co N / Static Co N	
KH0622PP	13004	6	12	22	400	239	7
KH0824PP	13011	8	15	24	435	280	12
KH1026PP	13028	10	17	26	500	370	14,5
KH1228PP	13035	12	19	28	620	510	18,5
KH1428PP	13042	14	21	28	620	520	20,5
KH1630PP	13059	16	24	30	800	620	27,5
KH2030PP	13066	20	28	30	950	790	32,5
KH2540PP	13073	25	35	40	1990	1670	66
KH3050PP	13080	30	40	50	2800	2700	95
KH4060PP	13097	40	52	60	4400	4450	182
KH5070PP	13103	50	62	70	5500	6300	252

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