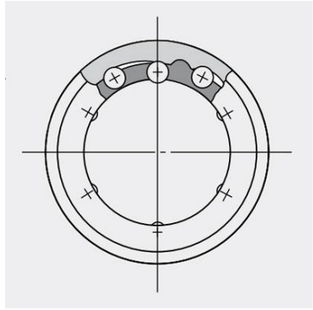
LM Series

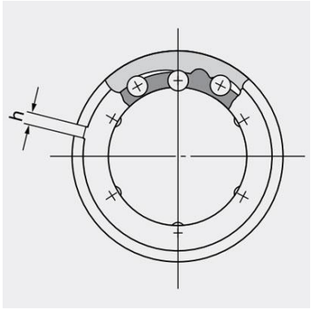
LM..UU-OP

LM..UU-AJ

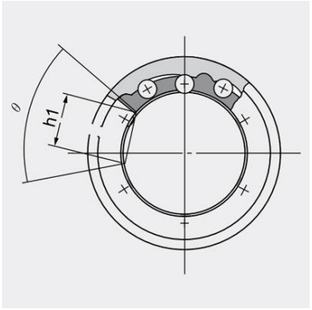
LM..UU



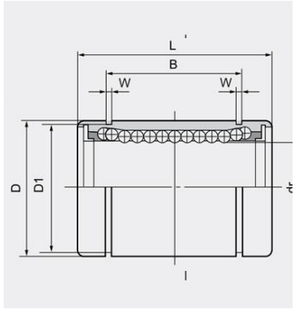
LM..UU



LM..UU-AJ



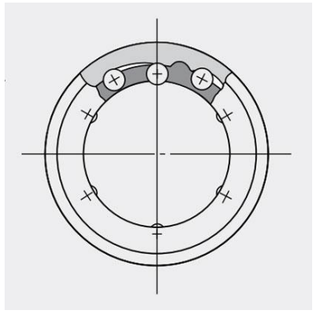
LM..UU-OP



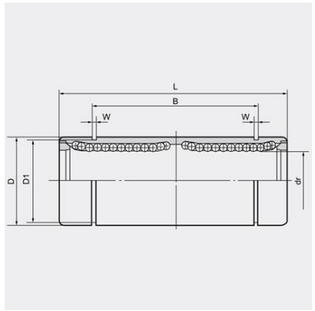
Nominal shaft diameter	Nylon holder									Main dimensions and tolerances															eccentric(μm)		Maximum radial clearance μm	Rated load	
	Standard	Number of steel ball trains	weight (g)	Clearance adjustment type	Number of steel ball trains	weight (g)	Open type	Number of steel ball trains	weight (g)	dr mm	dr tolerance precision μm	dr tolerance common μm	D mm	D tolerance μm	L mm	L tolerance μm	B mm	B tolerance μm	W mm	D1 mm	h mm	h1 mm	θ	precision	common		Dynamic load C N	Dead load Co N
3	LM3	4	1.35	-	-	-	-	-	-	3	0/-5	0/-8	7	0/-9	10	0/-120	-	-	-	-	-	-	-	4	8	-3	69	105
4	LM4	4	1.9	-	-	-	-	-	-	4	0/-5	0/-8	8	0/-9	12	0/-120	-	-	-	-	-	-	-	4	8	-3	88	127
5	LM5UU	4	4	-	-	-	-	-	-	5	0/-5	0/-8	10	0/-9	15	0/-120	10.2	0/-200	1.1	9.6	-	-	-	4	8	-3	167	206
6	LM6UU	4	7.6	LM6UU-AJ	4	7.5	-	-	-	6	0/-6	0/-9	12	0/-11	19	0/-200	13.5	0/-200	1.1	11.5	1	-	-	8	12	-3	206	265
8	LM8SUU	4	10.4	LM8SUU-AJ	4	10	-	-	-	8	0/-6	0/-9	15	0/-11	17	0/-200	11.5	0/-200	1.1	14.3	1	-	-	8	12	-3	176	216
8	LM8UU	4	15	LM8UU-AJ	4	14.7	-	-	-	8	0/-6	0/-9	15	0/-11	24	0/-200	17.5	0/-200	1.1	14.3	1	-	-	8	12	-3	274	392
10	LM10UU	4	29.5	LM10UU-AJ	4	29	LM10UU-OP	3	23	10	0/-6	0/-9	19	0/-13	29	0/-200	22	0/-200	1.3	18	1	6.8	80°	8	12	-4	372	549
12	LM12UU	4	31.5	LM12UU-AJ	4	31	LM12UU-OP	3	25	12	0/-6	0/-9	21	0/-13	30	0/-200	23	0/-200	1.3	20	1.5	8	80°	8	12	-4	510	784
13	LM13UU	4	43	LM13UU-AJ	4	42	LM13UU-OP	3	34	13	0/-6	0/-9	23	0/-13	32	0/-200	23	0/-200	1.3	22	1.5	9	80°	8	12	-4	510	784
16	LM16UU	5	69	LM16UU-AJ	5	68	LM16UU-OP	4	52	16	0/-6	0/-9	28	0/-13	37	0/-200	26.5	0/-200	1.6	27	1.5	11	80°	8	12	-6	774	1180
20	LM20UU	5	87	LM20UU-AJ	5	85	LM20UU-OP	4	69	20	0/-7	0/-10	32	0/-16	42	0/-200	30.5	0/-200	1.6	30.5	1.5	11	60°	10	15	-6	882	1370
25	LM25UU	6	220	LM25UU-AJ	6	216	LM25UU-OP	5	188	25	0/-7	0/-10	40	0/-16	59	0/-300	41	0/-300	1.85	38	2	12	50°	10	15	-6	980	1570
30	LM30UU	6	250	LM30UU-AJ	6	245	LM30UU-OP	5	210	30	0/-7	0/-10	45	0/-16	64	0/-300	44.5	0/-300	1.85	43	2.5	15	50°	10	15	-8	1570	2740
35	LM35UU	6	390	LM35UU-AJ	6	384	LM35UU-OP	5	335	35	0/-8	0/-12	52	0/-19	70	0/-300	49.5	0/-300	2.1	49	2.5	17	50°	12	20	-8	1670	3140
40	LM40UU	6	585	LM40UU-AJ	6	579	LM40UU-OP	5	500	40	0/-8	0/-12	60	0/-19	80	0/-300	60.5	0/-300	2.1	57	3	20	50°	12	20	-10	2160	4020
50	LM50UU	6	1580	LM50UU-AJ	6	1560	LM50UU-OP	5	1340	50	0/-8	0/-12	80	0/-19	100	0/-300	74	0/-300	2.6	76.5	3	25	50°	12	20	-13	3820	7940
60	LM60UU	6	1860	LM60UU-AJ	6	1820	LM60UU-OP	5	1610	60	0/-9	0/-15	90	0/-22	110	0/-300	85	0/-300	3.15	86.5	3	30	50°	17	25	-13	4700	10000
80	LM80UU	6	4420	LM80UU-AJ	6	4300	LM80UU-OP	5	3650	80	0/-9	0/-15	120	0/-22	140	0/-400	105.5	0/-400	4.15	116	3	40	50°	17	25	-20	7350	16000
100	LM100UU	6	8600	LM100UU-AJ	6	8540	LM100UU-OP	5	7200	100	0/-10	0/-20	150	0/-25	175	0/-400	125.5	0/-400	4.15	145	3	50	50°	20	30	-20	14100	34800
120	LM120UU	8	15000	LM120UU-AJ	8	14900	LM120UU-OP	6	11600	120	0/-10	0/-20	180	0/-25	200	0/-400	158.6	0/-400	4.15	175	3	85	80°	20	30	-25	16400	40000
150	LM150UU	8	20250	LM150UU-AJ	8	20150	LM150UU-OP	6	15700	150	0/-13	0/-25	210	0/-29	240	0/-400	170.6	0/-400	5.15	204	3	105	80°	25	40	-25	21100	54300

LM...L Series

LM...LUU



LM...LUU



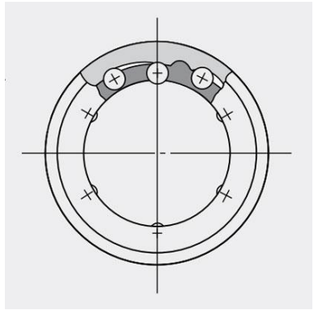
Nominal shaft diameter mm	Standard	Number of steel ball rows	Main dimensions and tolerances										eccentric μm	Rated load		weight (g)
			dr mm	dr tolerance μm	D mm	D tolerance μm	L mm	L tolerance μm	B mm	B tolerance μm	W mm	D1		Dynamic load C N	Dead load Co N	
4	LM4L	4	4	0/-9	8	0/-11	23	0/-200	20.4	0/-200			12	106	254	4
5	LM5LUU	4	5	0/-9	10	0/-11	28	0/-200	20.4	0/-200	1.1	9.6	12	261	412	8.4
6	LM6LUU	4	6	0/-10	12	0/-13	35	0/-300	27	0/-300	1.1	11.5	15	323	530	16
8	LM8LUU	4	8	0/-10	15	0/-13	45	0/-300	35	0/-300	1.1	14.3	15	431	784	31
10	LM10LUU	4	10	0/-10	19	0/-16	55	0/-300	44	0/-300	1.3	18	15	588	1100	62
12	LM12LUU	4	12	0/-10	21	0/-16	57	0/-300	46	0/-300	1.3	20	15	813	1570	80
13	LM13LUU	4	13	0/-10	23	0/-16	61	0/-300	46	0/-300	1.3	22	15	813	1570	90
16	LM16LUU	5	16	0/-10	28	0/-16	70	0/-300	53	0/-300	1.6	27	15	1230	2350	145
20	LM20LUU	5	20	0/-12	32	0/-19	80	0/-300	61	0/-300	1.6	30.5	20	1400	2740	180
25	LM25LUU	6	25	0/-12	40	0/-19	112	0/-400	82	0/-400	1.85	38	20	1560	3140	440
30	LM30LUU	6	30	0/-12	45	0/-19	123	0/-400	89	0/-400	1.85	43	20	2490	5490	480
35	LM35LUU	6	35	0/-15	52	0/-22	135	0/-400	99	0/-400	2.1	49	25	2650	6270	795
40	LM40LUU	6	40	0/-15	60	0/-22	151	0/-400	121	0/-400	2.1	57	25	3430	8040	1170
50	LM50LUU	6	50	0/-15	80	0/-22	192	0/-400	148	0/-400	2.6	76.5	25	6080	15900	3100
60	LM60LUU	6	60	0/-20	90	0/-25	209	0/-400	170	0/-400	3.15	86.5	30	7550	20000	3500

LME Series

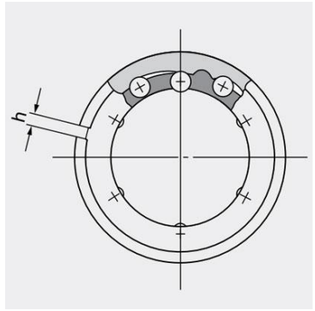
LME..UU..OP

LME..UU..AJ

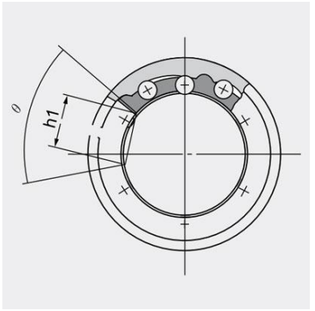
LME..UU



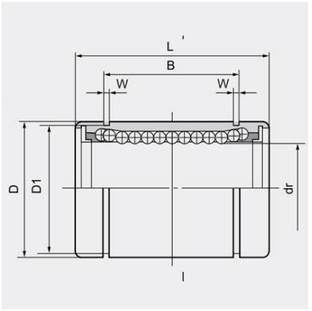
LME..UU



LME..UU..AJ



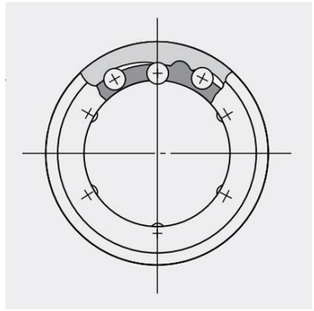
LME..UU..OP



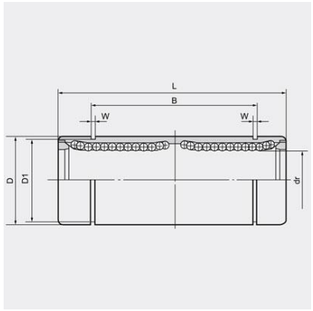
Nominal shaft diameter mm	Nylon holder									dr		Main dimensions and tolerances											eccentric μm	Maximum radial clearance μm	Rated load	
	Standard	Number of steel ball trains	weight (g)	Clearance adjustment type	Number of steel ball trains	weight (g)	Open type	Number of steel ball trains	weight (g)	dr mm	tolerance μm common	D mm	D tolerance μm	L mm	Ltolerance μm	B (mm)	B tolerance μm	w mm	D1 mm	h	h1 mm	θ			Dynamic load C N	Dead load Co N
3	LME3	4	1.35	-	-	-	-	-	-	3	+8/0	7	0/-8	10	0/-120	-	-	-	-	-	-	-	10	-3	69	105
4	LME4	4	1.9	-	-	-	-	-	-	4	+8/0	8	0/-8	12	0/-120	-	-	-	-	-	-	-	10	-3	88	127
5	LME5UU	4	11	LME5UU-AJ	4	10	-	-	-	5	+8/0	12	0/-8	22	0/-200	14.5	0/-200	1.1	11.5	1	-	-	12	-3	206	265
8	LME8UU	4	20	LME8UU-AJ	4	19.5	-	-	-	8	+8/0	16	0/-8	25	0/-200	16.5	0/-200	1.1	15.2	1	-	-	12	-3	265	402
10	LME10UU	4	29.5	LME10UU-AJ	4	29	LME10UU-OP	3	23	10	+8/0	19	0/-9	29	0/-200	22	0/-200	1.3	18	1	6.8	80°	12	-4	372	549
12	LME12UU	4	41	LME12UU-AJ	4	40	LME12UU-OP	3	32	12	+8/0	22	0/-9	32	0/-200	22.9	0/-200	1.3	21	1.5	7.5	78°	12	-4	510	784
16	LME16UU	5	57	LME16UU-AJ	5	56	LME16UU-OP	4	44	16	+9/-1	26	0/-9	36	0/-200	24.9	0/-200	1.3	24.9	1.5	10	78°	12	-4	578	892
20	LME20UU	5	91	LME20UU-AJ	5	90	LME20UU-OP	4	75	20	+9/-1	32	0/-11	45	0/-200	31.5	0/-200	1.6	30.3	2	10	60°	15	-6	862	1370
25	LME25UU	6	215	LME25UU-AJ	6	212	LME25UU-OP	5	181	25	+11/-1	40	0/-11	58	0/-300	44.1	0/-300	1.85	37.5	2	12.5	60°	15	-6	980	1570
30	LME30UU	6	325	LME30UU-AJ	6	320	LME30UU-OP	5	272	30	+11/-1	47	0/-11	68	0/-300	52.1	0/-300	1.85	44.5	2	12.5	50°	15	-8	1570	2740
40	LME40UU	6	705	LME40UU-AJ	6	694	LME40UU-OP	5	600	40	+13/-2	62	0/-13	80	0/-300	60.6	0/-300	2.15	59	3	16.8	50°	17	-8	2160	4020
50	LME50UU	6	1130	LME50UU-AJ	6	1110	LME50UU-OP	5	970	50	+13/-2	75	0/-13	100	0/-300	77.6	0/-300	2.65	72	3	21	50°	17	-13	3820	7940
60	LME60UU	6	2050	LME60UUAJ	6	2000	LME60UU-OP	5	1580	60	+13/-2	90	0/-15	125	0/-400	101.7	0/-400	3.15	86.5	3	27.2	54°	20	-13	4700	9800

LME...L Series

LME..LUU



LME..LUU



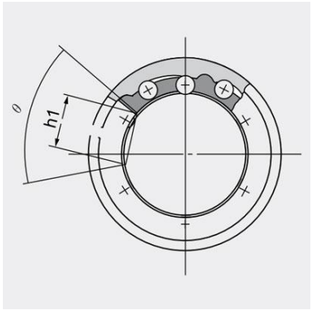
Nominal shaft diameter mm	Standard	Number of steel ball trains	Main dimensions and tolerances										eccentric μm	Rated load		weight (g)
			dr mm	dr tolerance μm	D mm	D tolerance μm	L mm	L tolerance μm	B mm	B tolerance μm	W mm	D1		Dynamic load C N	Dead load Co N	
8	LME8LUU	4	8	+9/-1	16	0/-9	46	0/-300	33	0/-300	1.1	15.2	15	421	804	40
12	LME12LUU	4	12	+9/-1	22	0/-11	61	0/-300	45.8	0/-300	1.3	21	15	813	1570	80
16	LME16LUU	5	16	+11/-1	26	0/-11	68	0/-300	49.8	0/-300	1.3	24.9	15	921	1780	115
20	LME20LUU	5	20	+11/-1	32	0/-13	80	0/-300	61	0/-300	1.6	30.5	17	1370	2740	180
25	LME25LUU	6	25	+13/-2	40	0/-13	112	0/-400	82	0/-400	1.85	38	17	1570	3140	430
30	LME30LUU	6	30	+13/-2	47	0/-13	123	0/-400	104.2	0/-400	1.85	44.5	17	2500	5490	615
40	LME40LUU	6	40	+16/-4	62	0/-15	151	0/-400	121.2	0/-400	2.15	59	20	3430	8040	1400
50	LME50LUU	6	50	+16/-4	75	0/-15	192	0/-400	155.2	0/-400	2.65	72	20	6080	15900	2320
60	LME60LUU	6	60	+16/-4	90	0/-20	209	0/-400	170	0/-400	3.15	86.5	25	7550	20000	3920

LMB Series

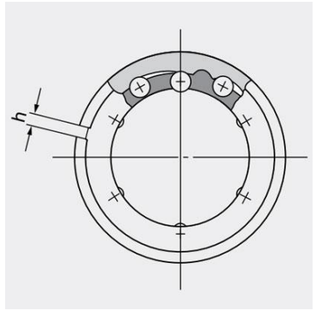
LMB..UU..OP

LMB..UU..AJ

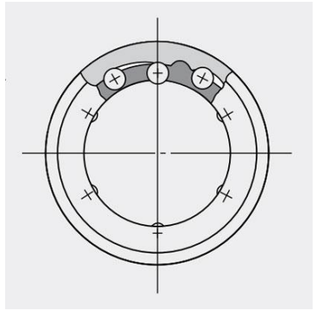
LMB..UU



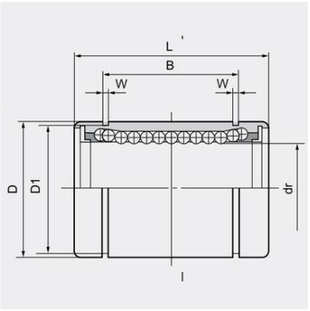
LMB..UU..OP



LMB..UU..AJ



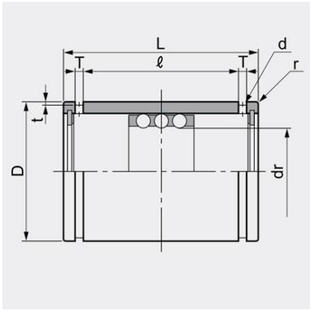
LMB..UU



Nominal shaft diameter		Nylon holder									Main dimensions and tolerances															
Inch	mm	Standard	Number of steel ball trains	Weight (g)	Clearance adjustment type	Number of steel ball trains	Weight (g)	Open type	Number of steel ball trains	Weight (g)	D Inch	D tolerance Inch	D mm	D tolerance μm	L Inch	L tolerance Inch	L mm	L tolerance μm	B Inch	B tolerance Inch	B mm	B tolerance μm	W Inch/mm	D 1 Inch/mm	h Inch/mm	h 1 Inch/mm	θ
1/4	6.35	LMB4	4	8	LMB4-AJ	4	7.5	-	-	-	0.5	0/-.00045	12.7	0/-11	0.75	0/-.008	19.05	0/-200	0.511	0/-.008	12.98	0/-200	.0390/0.992	.4687/11.906	.04/1	-	-
3/8	9.525	LMB6UU	4	14	LMB6UU-AJ	4	13.5	-	-	-	0.625	0/-.00050	15.875	0/-13	0.875	0/-.008	22.225	0/-200	0.6358	0/-.008	16.15	0/-200	.0390/0.992	.5880/14.935	.04/1	-	-
1/2	12.7	LMB8UU	4	37	LMB8UU-AJ	4	36.5	LMB8UU-OP	3	28	0.875	0/-.00050	22.225	0/-13	1.25	0/-.008	31.75	0/-200	0.9625	0/-.008	24.46	0/-200	.0459/1.168	.8209/20.853	.06/1.5	.34/7.9375	80°
5/8	15.875	LMB10UU	4	76	LMB10UU-AJ	4	74	LMB10UU-OP	3	57	1.125	0/-.00050	28.575	0/-13	1.5	0/-.008	38.1	0/-200	1.1039	0/-.008	28.04	0/-200	.0559/1.422	1.0590/26.899	.06/1.5	.375/9.525	80°
3/4	19.05	LMB12UU	5	95	LMB12UU-AJ	5	93	LMB12UU-OP	4	76	31.75	0/-.00065	1.25	0/-16	1.625	0/-.008	41.275	0/-200	1.1657	0/-.008	29.61	0/-200	.0559/1.422	1.1760/29.870	.06/1.5	.4375/11.1125	60°
1	25.4	LMB16UU	6	200	LMB16UU-AJ	6	198	LMB16UU-OP	5	170	39.688	0/-.00065	1.5625	0/-16	2.25	0/-.012	57.15	0/-300	1.7547	0/-.012	44.57	0/-300	.0679/1.727	1.4687/37.306	.06/1.5	.5625/14.2875	50°
1-1/4	31.75	LMB20UU	6	440	LMB20UU-AJ	6	430	LMB20UU-OP	5	370	50.8	0/-.00075	2	0/-19	2.625	0/-.012	66.675	0/-300	2.0047	0/-.012	50.92	0/-300	.0679/1.727	1.8859/47.904	.10/2.5	.625/15.875	50°
1-1/2	38.1	LMB24UU	6	670	LMB24UU-AJ	6	660	LMB24UU-OP	5	570	60.325	0/-.00075	2.375	0/-19	3	0/-.012	76.2	0/-300	2.4118	0/-.012	61.26	0/-300	.0859/2.184	2.2389/56.870	.12/3	.75/19.05	50°
2	50.8	LMB32UU	6	1140	LMB32UU-AJ	6	1120	LMB32UU-OP	5	980	76.2	0/-.00090	3	0/-22	4	0/-.012	101.6	0/-300	3.1917	0/-.012	81.07	0/-300	.1029/2.616	2.8379/72.085	.12/3	1.0/25.40	50°

Nominal shaft diameter		Nylon holder									dr						Eccentric		Maximum radial clearance Inch/μm	Rated load	
Inch	mm	Standard	Number of steel ball trains	weight (g)	Clearance adjustment type	Number of steel ball trains	weight (g)	Open type	Number of steel ball trains	weight (g)	dr Inch	dr mm	Tolerance Precision Inch	Tolerance Precision μm	Tolerance common Inch	Tolerance common μm	Precision Inch/μm	Common Inch/μm		Dynamic load C N	Dead load Co N
1/4	6.35	LMB4	4	8	LMB4-AJ	4	7.5	-	-	-	0.25	6.35	0/-.00025	0/-6	0/-.00040	0/-9	.0003/8	.0005/12	-.0001/-3	206	265
3/8	9.525	LMB6UU	4	14	LMB6UU-AJ	4	13.5	-	-	-	0.375	9.525	0/-.00025	0/-6	0/-.00040	0/-9	.0003/8	.0005/12	-.0001/-3	225	314
1/2	12.7	LMB8UU	4	37	LMB8UU-AJ	4	36.5	LMB8UU-OP	3	28	0.5	12.7	0/-.00025	0/-6	0/-.00040	0/-9	.0003/8	.0005/12	-.0001/-3	510	784
5/8	15.875	LMB10UU	4	76	LMB10UU-AJ	4	74	LMB10UU-OP	3	57	0.625	15.875	0/-.00025	0/-6	0/-.00040	0/-9	.0003/8	.0005/12	-.0001/AH15-4	774	1180
3/4	19.05	LMB12UU	5	95	LMB12UU-AJ	5	93	LMB12UU-OP	4	76	0.75	19.05	0/-.00030	0/-7	0/-.00040	0/-10	.0004/10	.0006/15	-.0002/AH16-6	862	1370
1	25.4	LMB16UU	6	200	LMB16UU-AJ	6	198	LMB16UU-OP	5	170	1	25.4	0/-.00030	0/-7	0/-.00040	0/-10	.0004/10	.0006/15	-.0002/AH14-6	980	1570
1-1/4	31.75	LMB20UU	6	440	LMB20UU-AJ	6	430	LMB20UU-OP	5	370	1.25	31.75	0/-.00035	0/-8	0/-.00050	0/-12	.0005/12	.0008/20	-.0003-8	1570	2740
1-1/2	38.1	LMB24UU	6	670	LMB24UU-AJ	6	660	LMB24UU-OP	5	570	1.5	38.1	0/-.00035	0/-8	0/-.00050	0/-12	.0005/12	.0008/20	-.0003-8	2180	4020
2	50.8	LMB32UU	6	1140	LMB32UU-AJ	6	1120	LMB32UU-OP	5	980	2	50.8	0/-.00035	0/-8	0/-.00050	0/-12	.0007/17	.0010/25	-.0005-13	3820	7940

ST Series

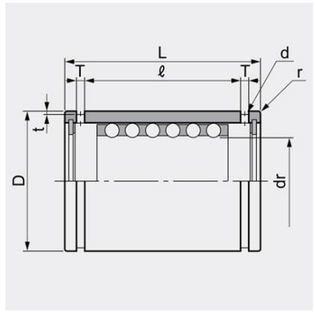


ST..UU

Model	Maximum stroke mm	Number of steel ball trains	Main dimensions and tolerances											Rated load		Weight (g)
			dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	l mm	T mm	t mm	d mm	r mm	Dynamic load C N	Dead load Co N	
ST6	20	3	6	+22/+13	12	0/-11	20	0/-0.2	11.3	1.1	0.5	1	0.5	216	147	8.9
ST8	24	3	8	+22/+13	15	0/-11	24	0/-0.2	17.1	1.5	0.5	1.2	0.5	343	245	15.6
ST10	30	3	10	+22/+13	19	0/-13	30	0/-0.2	22.7	1.5	0.5	1.2	0.5	637	461	28.8
ST12	32	3	12	+27/+16	23	0/-13	32	0/-0.2	24.5	1.5	0.5	1.2	0.5	1070	813	42
ST16	40	3	16	+27/+16	28	0/-13	37	0/-0.2	29.1	1.5	0.7	1.3	0.5	1180	990	71
ST20	50	3	20	+33/+20	32	0/-16	45	0/-0.2	35.8	2	0.7	1.5	0.5	1260	1170	99
ST25	50	3	25	+33/+20	37	0/-16	45	0/-0.2	35.8	2	0.7	1.6	1	1330	1330	117
ST30	82	3	30	+33/+20	45	0/-16	65	0/-0.3	53.5	2.5	1	2	1	2990	3140	205
ST35	92	3	35	+41/+25	52	0/-19	70	0/-0.3	58.5	2.5	1	2	1.5	3140	3530	329
ST40	108	3	40	+41/+25	60	0/-19	80	0/-0.3	68.3	2.5	1	2	1.5	4120	4800	516
ST50	138	3	50	+41/+25	72	0/-19	100	0/-0.3	86.4	3	1	2.5	1.5	5540	6910	827
ST60	138	3	60	+41/+25	85	0/-22	100	0/-0.3	86.4	3	1	2.5	2	5980	8230	1240
ST80	132	3	80	+49/+30	110	0/-22	100	0/-0.4	86	3	1.5	2.5	2	7840	12200	2050
ST100	132	3	100	+58/+36	130	0/-22	100	0/-0.4	86	3	1.5	2.5	2	8430	14700	2440

ST...B Series

ST...B



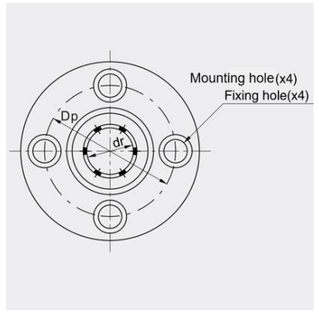
ST...B

Model	Maximum stroke mm	Number of steel ball trains	Main dimensions and tolerances											Rated load		Weight (g)
			dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	l mm	T mm	t mm	d mm	r mm	Dynamic load C N	Dead load Co N	
ST8B	8	6	8	+22/+13	15	0/-11	24	0/ -0.2	17.1	1.5	0.5	1.2	0.5	549	490	16.8
ST10B	8	6	10	+22/+13	19	0/-13	30	0/ -0.2	22.7	1.5	0.5	1.2	0.5	1030	931	31.2
ST12B	8	6	12	+27/+16	23	0/-13	32	0/ -0.2	24.5	1.5	0.5	1.2	0.5	1720	1630	46
ST16B	16	6	16	+27/+16	28	0/-13	37	0/ -0.2	29.1	1.5	0.7	1.3	0.5	1910	1980	75
ST20B	20	6	20	+33/+20	32	0/-16	45	0/ -0.2	35.8	2	0.7	1.5	0.5	2060	2320	106
ST25B	20	6	25	+33/+20	37	0/-16	45	0/ -0.3	35.8	2	0.7	1.6	1	2170	2670	125
ST30B	44	6	30	+33/+20	45	0/-16	65	0/ -0.3	53.5	2.5	1	2	1	4800	6270	220
ST35B	54	6	35	+41/+25	52	0/-19	70	0/ -0.3	58.5	2.5	1	2	1.5	5050	7060	346
ST40B	66	6	40	+41/+25	60	0/-19	80	0/ -0.3	68.3	2.5	1	2	1.5	6710	9560	540
ST50B	88	6	50	+41/+25	72	0/-19	100	0/ -0.3	86.4	3	1	2.5	1.5	8970	13800	862
ST60B	88	6	60	+49/+30	85	0/-22	100	0/ -0.3	86.4	3	1	2.5	2	9700	16500	1290
ST80B	76	6	80	+49/+30	110	0/-22	100	0/ -0.4	86	3	1.5	2.5	2	12700	24300	2110
ST100B	76	6	100	+58/+36	130	0/-25	100	0/ -0.4	86	3	1.5	2.5	2	13700	29400	2520

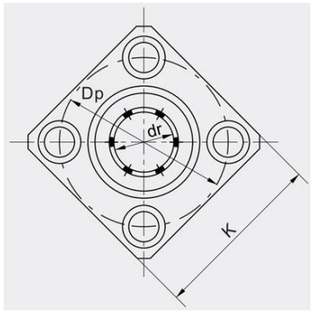
Flange stroke bearing STF(K)

STK

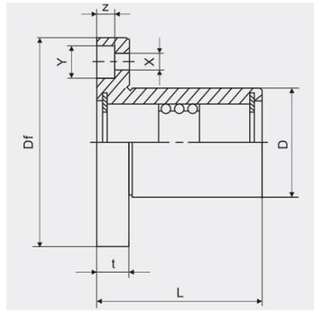
STF



STF



STK

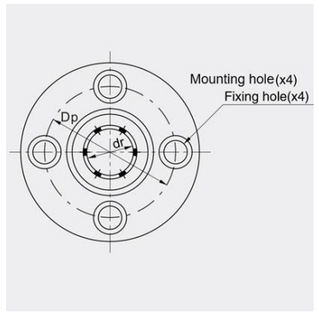


Round flange	Weight (g)	Square flange	Weight (g)	Maximum stroke mm	Number of steel ball trains	Main dimensions and tolerances													Verticality μm	Rated load	
						dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Flange Df mm	Flange K mm	Flange t mm	Flange Dp mm	Flange X mm	Flange Y mm	Flange Z mm		Dynamic load C N	Dead load Co N
STF6	25	STK6	19	20	3	6	+22/+13	12	0-13	20	±300	28	22	5	20	3.5	6	3.1	12	147	216
STF8	37	STK8	29	24	3	8	+22/+13	15	0-13	24	±300	32	25	5	24	3.5	6	3.1	12	245	343
STF10	70	STK10	50	30	3	10	+22/+13	19	0-16	30	±300	40	30	6	29	4.5	7.5	4.1	12	461	637
STF12	87	STK12	71	32	3	12	+27/+16	23	0-16	32	±300	43	34	6	33	4.5	7.5	4.1	12	813	1070
STF13	87	STK13	71	32	3	13	+27/+16	23	0-16	32	±300	43	34	6	33	4.5	7.5	4.1	12	813	1070
STF16	121	STK16	105	40	3	16	+27/+16	28	0-16	37	±300	48	37	6	38	4.5	7.5	4.1	12	990	1180
STF20	189	STK20	154	50	3	20	+33/+20	32	0-19	45	±300	54	42	8	43	5.5	9	5.1	15	1170	1260
STF25	237	STK25	197	50	3	25	+33/+20	37	0-19	45	±300	62	48	8	50	5.5	9	5.1	15	1330	1330
STF30	325	STK30	230	82	3	30	+33/+20	45	0-19	65	0/-300	74	58	10	60	6.6	11	6.1	15	2990	3140
STF35	580	STK35	490	92	3	35	+41/+25	52	0-22	70	0/-300	82	64	10	67	6.6	11	6.1	20	3140	3530
STF40	1016	STK40	936	108	3	40	+41/+25	60	0-22	80	0/-300	96	75	13	78	9	14	8.1	20	4120	4800
STF50	1427	STK50	1227	138	3	50	+41/+25	72	0-22	100	0/-400	108	84	13	90	9	14	8.1	20	5540	6910
STF60	2340	STK60	1900	138	3	60	+49/+30	85	0-25	100	0/-400	128	104	18	106	11	17	11.1	25	5980	8230
STF80	3350	STK80	2850	132	3	80	+49/+30	110	0-25	100	0/-400	154	126	18	132	11	17	11.1	25	7840	12200
STF100	4440	STK100	3740	132	3	100	+58/+36	130	0-29	100	0/-400	180	150	20	155	14	20	13.1	30	8430	14700

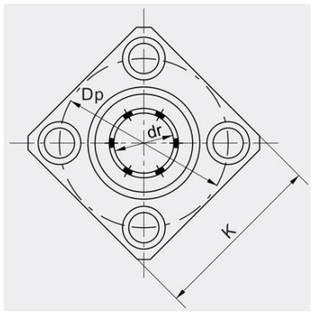
Flange stroke bearing (heavy load type) STF(K)...B

STK...B

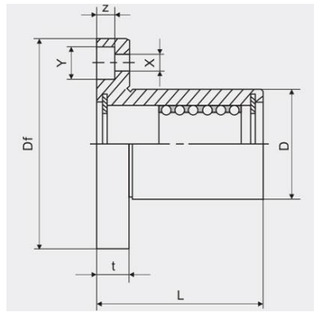
STF...B



STF...B



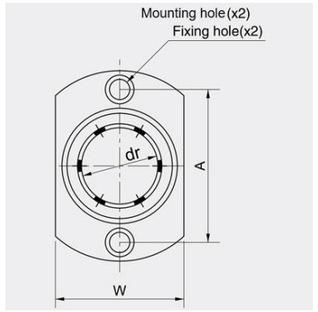
STK...B



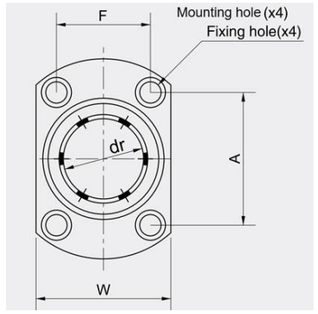
Round flange	Weight (g)	Square flange	Weight (g)	Maximum stroke mm	Number of steel ball trains	主要尺寸和公差													Rated load	
						dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Flange Df mm	Flange K mm	Flange t mm	Flange Dp mm	Flange X mm	Flange Y mm	Flange Z mm	Verticality μm	Dynamic load C N	Dead load Co N
STF6B	26	STK6B	20	8	6	6	+22/+13	12	0/-13	20	±300	28	22	5	20	3.5	6	3.1	12	321	385
STF8B	38.2	STK8B	30.2	8	6	8	+22/+13	15	0/-13	24	±300	32	25	5	24	3.5	6	3.1	12	490	549
STF10B	72.4	STK10B	52.4	8	6	10	+22/+13	19	0/-16	30	±300	40	30	6	29	4.5	7.5	4.1	12	931	1030
STF12B	91	STK12B	75	8	6	12	+27/+16	23	0/-16	32	±300	43	34	6	33	4.5	7.5	4.1	12	1630	1720
STF13B	91	STK13B	75	8	6	13	+27/+16	23	0/-16	32	±300	43	34	6	33	4.5	7.5	4.1	12	1630	1720
STF16B	125	STK16B	109	16	6	16	+27/+16	28	0/-16	37	±300	48	37	6	38	4.5	7.5	4.1	12	1910	1980
STF20B	196	STK20B	161	20	6	20	+33/+20	32	0/-19	45	±300	54	42	8	43	5.5	9	5.1	15	2060	2320
STF25B	245	STK25B	205	20	6	25	+33/+20	37	0/-19	45	±300	62	48	8	50	5.5	9	5.1	15	2170	2670
STF30B	340	STK30B	245	44	6	30	+33/+20	45	0/-19	65	0/-300	74	58	10	60	6.6	11	6.1	15	4800	6270
STF35B	597	STK35B	507	54	6	35	+41/+25	52	0/-22	70	0/-300	82	64	10	67	6.6	11	6.1	20	5050	7060
STF40B	1040	STK40B	960	66	6	40	+41/+25	60	0/-22	80	0/-300	96	75	13	78	9	14	8.1	20	6710	9560
STF50B	1462	STK50B	1262	88	6	50	+41/+25	72	0/-22	100	0/-400	108	84	13	90	9	14	8.1	20	8970	13800
STF60B	2390	STK60B	1950	88	6	60	+49/+30	85	0/-25	100	0/-400	128	104	18	106	11	17	11.1	25	9700	16500
STF80B	3410	STK80B	2910	76	6	80	+49/+30	110	0/-25	100	0/-400	154	126	18	132	11	17	11.1	25	12700	24300
STF100B	4520	STK100B	3820	76	6	100	+58/+36	130	0/-29	100	0/-400	180	150	20	155	14	20	13.1	30	13700	29400

Flange stroke bearing (heavy load type) STH

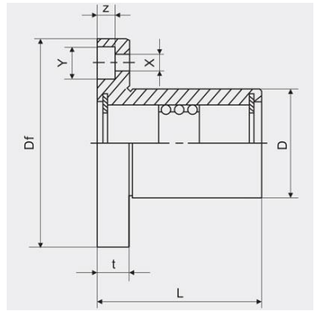
STH



Shaft diameter ≤ 13mm



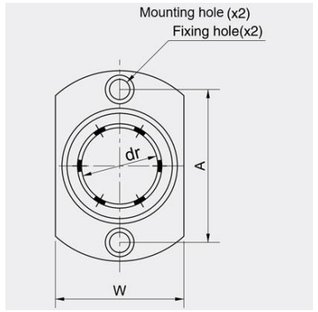
Shaft diameter ≥ 16mm



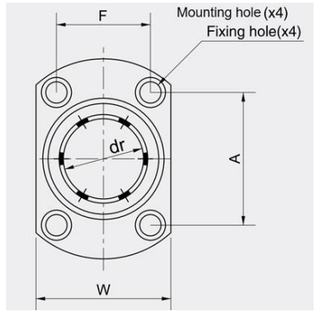
Oval flange	Weight (g)	Maximum stroke mm	Number of steel ball trains	Main dimensions and tolerances														Verticality μm	Rated load	
				dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Flange Df mm	Flange W mm	Flange t mm	Flange A mm	Flange F mm	Flange X mm	Flange Y mm	Flange Z mm		Dynamic load C N	Dead load Co N
STH6	22	20	3	6	+22/+13	12	0/-13	20	±300	28	18	5	20		3.5	6	3.1	12	147	216
STH8	33	24	3	8	+22/+13	15	0/-13	24	±300	32	21	5	24		3.5	6	3.1	12	245	343
STH10	60	30	3	10	+22/+13	19	0/-16	30	±300	40	25	6	29		4.5	7.5	4.1	12	461	637
STH12	79	32	3	12	+27/+16	23	0/-16	32	±300	43	29	6	33		4.5	7.5	4.1	12	813	1070
STH13	79	32	3	13	+27/+16	23	0/-16	32	±300	43	29	6	33		4.5	7.5	4.1	12	813	1070
STH16	115	40	3	16	+27/+16	28	0/-16	37	±300	48	34	6	31	22	4.5	7.5	4.1	12	990	1180
STH20	175	50	3	20	+33/+20	32	0/-19	45	±300	54	38	8	36	24	5.5	9	5.1	15	1170	1260
STH25	220	50	3	25	+33/+20	37	0/-19	45	±300	62	46	8	40	32	5.5	9	5.1	15	1330	1330
STH30	290	82	3	30	+33/+20	45	0/-19	65	0/-300	74	51	10	49	35	6.6	11	6.1	15	2990	3140
STH35	535	92	3	35	+41/+25	52	0/-22	70	0/-300	82	60	10	55	38	6.6	11	6.1	20	3140	3530
STH40	1036	108	3	40	+41/+25	60	0/-22	80	0/-300	96	70	13	64	45	9	14	8.1	20	4120	4800

Flange stroke bearing (heavy load type) STH...B

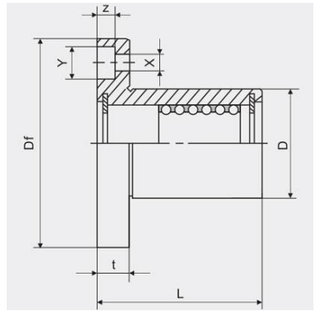
STH...B



Shaft diameter ≤ 13mm



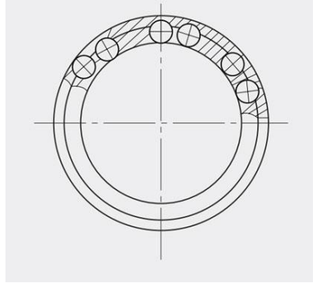
Shaft diameter ≥ 16mm



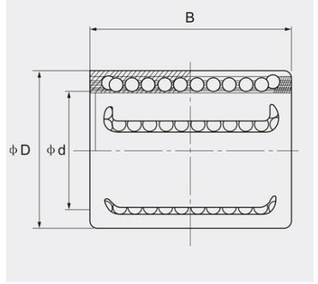
Round flange	Weight (g)	Maximum stroke mm	Number of steel ball trains	Main dimensions and tolerances														Verticality μm	Rated load	
				dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Flange Df mm	Flange W mm	Flange t mm	Flange A mm	Flange F mm	Flange X mm	Flange Y mm	Flange Z mm		Dynamic load C N	Dead load Co N
STH6B	23	8	6	6	+22/+13	12	0/-13	20	±300	28	18	5	20		3.5	6	3.1	12	312	358
STH8B	37	8	6	8	+22/+13	15	0/-13	24	±300	32	21	5	24		3.5	6	3.1	12	490	549
STH10B	65	8	6	10	+22/+13	19	0/-16	30	±300	40	25	6	29		4.5	7.5	4.1	12	931	1030
STH12B	86	8	6	12	+27/+16	23	0/-16	32	±300	43	29	6	33		4.5	7.5	4.1	12	1630	1720
STH13B	86	8	6	13	+27/+16	23	0/-16	32	±300	43	29	6	33		4.5	7.5	4.1	12	1630	1720
STH16B	123	16	6	16	+27/+16	28	0/-16	37	±300	48	34	6	31	22	4.5	7.5	4.1	12	1910	1980
STH20B	187	20	6	20	+33/+20	32	0/-19	45	±300	54	38	8	36	24	5.5	9	5.1	15	2060	2320
STH25B	232	20	6	25	+33/+20	37	0/-19	45	±300	62	46	8	40	32	5.5	9	5.1	15	2170	2670
STH30B	312	44	6	30	+33/+20	45	0/-19	65	0/-300	74	51	10	49	35	6.6	11	6.1	15	4800	6270
STH35B	586	54	6	35	+41/+25	52	0/-22	70	0/-300	82	60	10	55	38	6.6	11	6.1	20	5050	7060
STH40B	1069	66	6	40	+41/+25	60	0/-22	80	0/-300	96	70	13	64	45	9	14	8.1	20	6710	9560

KH Series

KH



KH

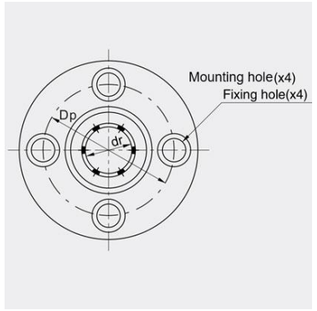


Model	Basic dimensions			Rated load		Weight (g)
	Internal diameter φd	External diameter φD	Height B	Dynamic load CN	Dynamic load Co N	
KH0622PP	6	12	22	400	239	7
KH0824PP	8	15	24	435	280	12
KH1026PP	10	17	26	500	370	14.5
KH1228PP	12	19	28	620	510	18.5
KH1428PP	14	21	28	620	520	20.5
KH1630PP	16	24	30	800	620	27.5
KH2030PP	20	28	30	950	790	32.5
KH2540PP	25	35	40	1990	1670	66
KH3050PP	30	40	50	2800	2700	95
KH4060PP	40	52	60	4400	4450	182
KH5070PP	50	62	70	5500	6300	252

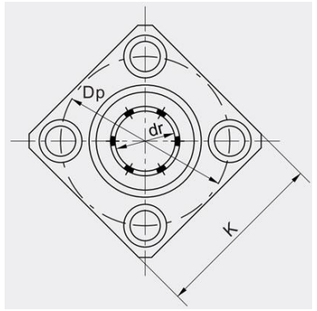
LMF、LMK Series

LMK..UU

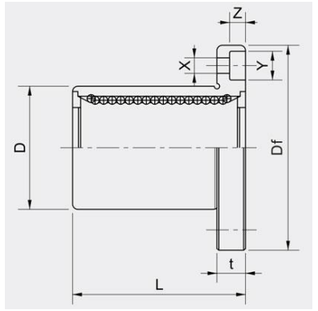
LMF..UU



LMF..UU



LMK..UU

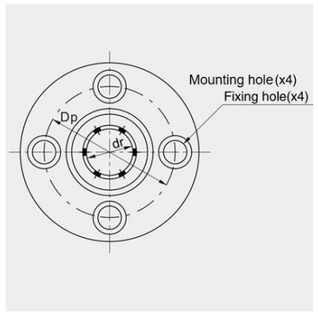


Nominal shaft diameter mm	Nylon holder				Main dimensions and tolerances						Main dimensions and tolerances Flange									Rated load	
	Round flange	Weight (g)	Square flange	Weight (g)	dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Df mm	k mm	t mm	Dp mm	X mm	Y mm	Z mm	Eccentric μm	Verticality μm	Dynamic load C N	Dead load Co N
6	LMF6UU	24	LMK6UU	18	6	0/-9	12	0/-11	19	±300	28	22	5	20	3.5	6	3.1	12	12	206	265
8	LMF8SUU	32	LMK8SUU	24	8	0/-9	15	0/-11	17	±300	32	25	5	24	3.5	6	3.1	12	12	176	216
8	LMF8UU	37	LMK8UU	29	8	0/-9	15	0/-11	24	±300	32	25	5	24	3.5	6	3.1	12	12	274	392
10	LMF10UU	72	LMK10UU	52	10	0/-9	19	0/-13	29	0/-200	40	30	6	29	4,5	7.5	4.1	12	12	372	549
12	LMF12UU	76	LMK12UU	57	12	0/-9	21	0/-13	30	0/-200	42	32	6	32	4,5	7.5	4.1	12	12	510	784
13	LMF13UU	88	LMK13UU	72	13	0/-9	23	0/-13	32	0/-200	43	34	6	33	4,5	7.5	4.1	12	12	510	784
16	LMF16UU	120	LMK16UU	104	16	0/-9	28	0/-13	37	0/-200	48	37	6	38	4,5	7.5	4.1	12	12	774	1180
20	LMF20UU	180	LMK20UU	145	20	0/-10	32	0/-16	42	0/-200	54	42	8	43	5.5	9	5.1	15	15	882	1370
25	LMF25UU	340	LMK25UU	300	25	0/-10	40	0/-16	59	0/-300	62	50	8	51	5.5	9	5.1	15	15	980	1570
30	LMF30UU	470	LMK30UU	375	30	0/-10	45	0/-16	64	0/-300	74	58	10	60	6.6	11	6.1	15	15	1570	2740
35	LMF35UU	650	LMK35UU	560	35	0/-12	52	0/-19	70	0/-300	82	64	10	67	6.6	11	6.1	20	20	1670	3140
40	LMF40UU	1060	LMK40UU	880	40	0/-12	60	0/-19	80	0/-300	96	75	13	78	9	14	8.1	20	20	2160	4020
50	LMF50UU	2200	LMK50UU	2000	50	0/-12	80	0/-19	100	0/-300	116	92	13	98	9	14	8.1	20	20	3820	7940
60	LMF60UU	3000	LMK60UU	2560	60	0/-15	90	0/-22	110	0/-300	134	106	18	112	11	17	11.1	25	25	4700	10000
80	LMF80UU	5800	LMK80UU	5300	80	0/-15	120	0/-22	140	0/-400	164	136	18	142	11	17	11.1	25	25	7350	16000
100	LMF100UU	10600	LMK100UU	9900	100	0/-20	150	0/-25	175	0/-400	200	170	20	175	14	20	13.1	30	30	14100	34800

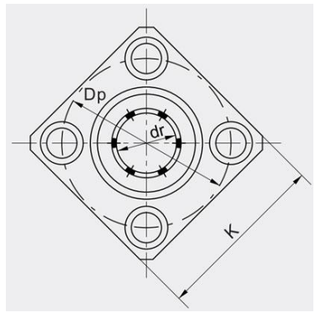
LMF...L、LMK...L Series

LMK..LUU

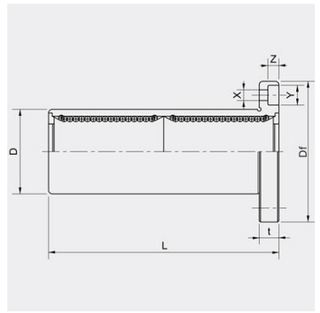
LMF..LUU



LMF..LUU

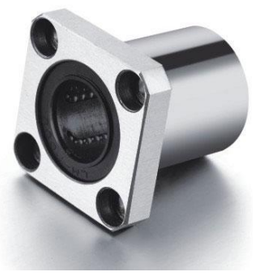


LMK..LUU



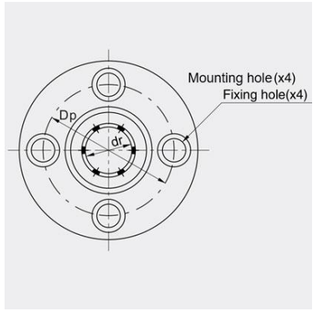
Nominal shaft diameter mm	Nylon holder				Main dimensions and tolerances						Main dimensions and tolerances Flange									Rated load	
	Extended round flange	Weight (g)	Extended square flange	Weight (g)	dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Df mm	k mm	t mm	Dp mm	X mm	Y mm	Z mm	Eccentric μm	Verticality μm	Dynamic load C N	Dead load Co N
6	LMF6LUU	31	LMK6LUU	25	6	0/-10	12	0/-13	35	±300	28	22	5	20	3.5	6	3.1	15	15	323	529
8	LMF8LUU	51	LMK8LUU	43	8	0/-10	15	0/-13	45	±300	32	25	5	24	3.5	6	3.1	15	15	431	784
10	LMF10LUU	98	LMK10LUU	78	10	0/-10	19	0/-16	55	±300	40	30	6	29	4.5	7.5	4.1	15	15	588	1100
12	LMF12LUU	110	LMK12LUU	90	12	0/-10	21	0/-16	57	0/-300	42	32	6	32	4.5	7.5	4.1	15	15	813	1570
13	LMF13LUU	130	LMK13LUU	108	13	0/-10	23	0/-16	61	0/-300	43	34	6	33	4.5	7.5	4.1	15	15	813	1570
16	LMF16LUU	190	LMK16LUU	165	16	0/-10	28	0/-16	70	0/-300	48	37	6	38	4.5	7.5	4.1	15	15	1230	2350
20	LMF20LUU	260	LMK20LUU	225	20	0/-12	32	0/-19	80	0/-300	54	42	8	43	5.5	9	5.1	20	20	1400	2740
25	LMF25LUU	540	LMK25LUU	500	25	0/-12	40	0/-19	112	0/-400	62	50	8	51	5.5	9	5.1	20	20	1560	3140
30	LMF30LUU	680	LMK30LUU	590	30	0/-12	45	0/-19	123	0/-400	74	58	10	60	6.6	11	6.1	20	20	2490	5490
35	LMF35LUU	1020	LMK35LUU	930	35	0/-15	52	0/-22	135	0/-400	82	64	10	67	6.6	11	6.1	25	25	2650	6270
40	LMF40LUU	1570	LMK40LUU	1380	40	0/-15	60	0/-22	151	0/-400	96	75	13	78	9	14	8.1	25	25	3430	840
50	LMF50LUU	3600	LMK50LUU	3400	50	0/-15	80	0/-22	192	0/-400	116	92	13	98	9	14	8.1	25	25	6080	15900
60	LMF60LUU	4500	LMK60LUU	4060	60	0/-20	90	0/-25	209	0/-400	134	106	18	112	11	17	11.1	30	30	7550	20000

LMEF、LMEK Series

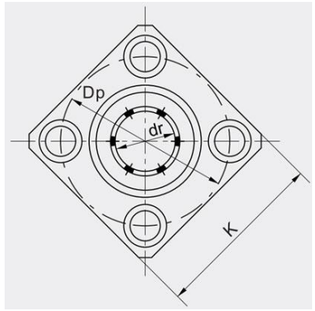


LMEK..UU

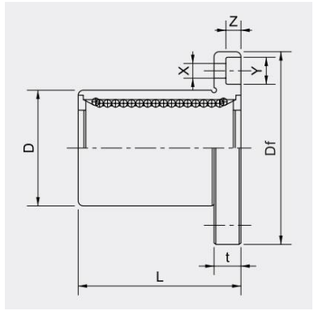
LMEF..UU



LMEF..UU



LMEK..UU

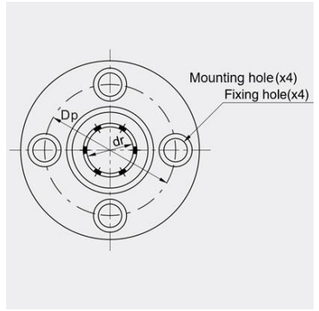


Nominal shaft diameter mm	Nylon holder				Main dimensions and tolerances						Main dimensions and tolerances Flange									Rated load	
	Round flange	Weight (g)	Square flange	Weight (g)	dr mm	dr	D mm	D	L mm	L	Df mm	k mm	t mm	Dp mm	X mm	Y mm	Z mm	Eccentric μm	Verticality μm	Dynamic load C N	Dead load Co N
5	LMEF5UU	26	LMEK5UU	20	5	+8/0	12	0/-8	22	±300	28	22	5	20	3.5	6	3.1	12	12	206	265
8	LMEF8UU	41	LMEK8UU	33	8	+8/0	16	0/-8	25	±300	32	25	5	24	3.5	6	3.1	12	12	265	402
12	LMEF12UU	80	LMEK12UU	64	12	+8/0	22	0/-9	32	0/-200	42	32	6	32	4,5	7.5	4.1	12	12	510	784
16	LMEF16UU	103	LMEK16UU	90	16	+9/-1	26	0/-9	36	0/-200	46	35	6	36	4,5	7.5	4.1	12	12	578	892
20	LMEF20UU	182	LMEK20UU	147	20	+9/-1	32	0/-11	45	0/-200	54	42	8	43	5.5	9	5.1	15	15	862	1370
25	LMEF25UU	335	LMEK25UU	295	25	+11/-1	40	0/-11	58	0/-300	62	50	8	51	5.5	9	5.1	15	15	980	1570
30	LMEF30UU	560	LMEK30UU	465	30	+11/-1	47	0/-11	68	0/-300	76	60	10	62	6.6	11	6.1	15	15	1570	2740
40	LMEF40UU	1175	LMEK40UU	975	40	+13/-2	62	0/-13	80	0/-300	98	75	13	80	9	14	8.1	17	17	2160	4020
50	LMEF50UU	1745	LMEK50UU	1545	50	+13/-2	75	0/-13	100	0/-300	112	88	13	94	9	14	8.1	17	17	3820	7940
60	LMEF60UU	3220	LMEK60UU	2780	60	+13/-2	90	0/-15	125	0/-400	134	106	18	112	11	17	11.1	20	20	4700	9800
80	LMEF80UU	6420	LMEK80UU	5920	80	+16/-4	120	0/-15	165	0/-400	164	136	18	142	11	17	11.1	20	20	7350	16000

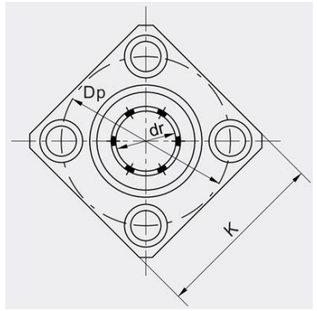
LMEF...L、LMEK...L Series

LMEK..LUU

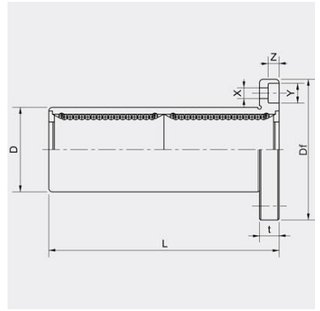
LMEF.LUU



LMEF..LUU

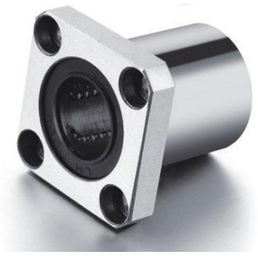


LMEK..LUU



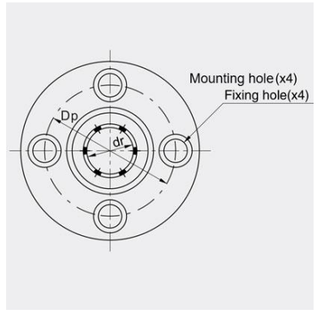
Nominal shaft diameter mm	Nylon holder				Main dimensions and tolerances						Main dimensions and tolerances Flange									Rated load	
	Extended round flange	Weight (g)	Extended square flange	Weight (g)	dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Df mm	k mm	t mm	Dp mm	X mm	Y mm	Z mm	Eccentric μm	Verticality μm	Dynamic load C N	Dead load Co N
8	LMEF8LUU	59	LMEK8LUU	51	8	+9/-1	16	0/-9	46	±300	32	25	5	24	3.5	6	3.1	15	15	421	804
12	LMEF12LUU	110	LMEK12LUU	90	12	+9/-1	22	0/-11	61	0/-300	42	32	6	32	4,5	7.5	4.1	15	15	813	1570
16	LMEF16LUU	160	LMEK16LUU	135	16	+11/-1	26	0/-11	68	0/-300	46	35	6	36	4,5	7.5	4.1	15	15	912	1780
20	LMEF20LUU	260	LMEK20LUU	225	20	+11/-1	32	0/-13	80	0/-300	54	42	8	43	5.5	9	5.1	17	17	1370	2740
25	LMEF25LUU	540	LMEK25LUU	500	25	+13/-2	40	0/-13	112	0/-400	62	50	8	51	5.5	9	5.1	17	17	1570	3140
30	LMEF30LUU	815	LMEK30LUU	720	30	+13/-2	47	0/-13	123	0/-400	76	60	10	62	6.6	11	6.1	17	17	2500	5490
40	LMEF40LUU	1805	LMEK40LUU	1600	40	+16/-4	62	0/-15	151	0/-400	98	75	13	80	9	14	8.1	20	20	3430	8040
50	LMEF50LUU	2820	LMEK50LUU	2620	50	+16/-4	75	0/-15	192	0/-400	112	88	13	94	9	14	8.1	20	20	6080	15900
60	LMEF60LUU	4920	LMEK60LUU	4480	60	+16/-4	90	0/-20	209	0/-400	134	106	18	112	11	17	11.1	25	25	7550	20000

LMBF、LMBK Series

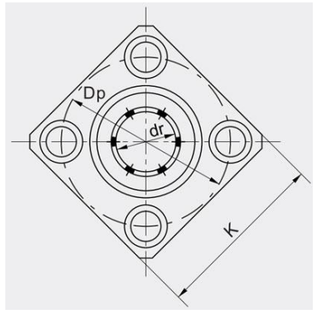


LMBK..UU

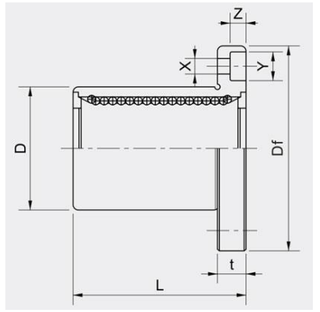
LMBF..UU



LMBF..UU



LMBK..UU



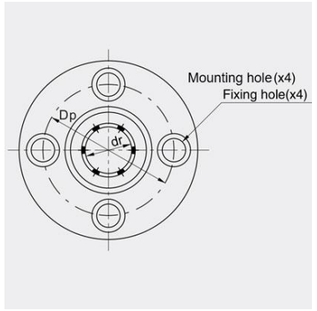
Nominal shaft diameter		Round flange	Weight (g)	Square flange	Weight (g)	Main dimensions and tolerances											
Inch	mm					dr Inch	dr Tolerance Inch	dr mm	dr Tolerance μm	D Inch	D Tolerance Inch	D mm	D Tolerance μm	L Inch	L Tolerance Inch	L mm	L Tolerance μm
1/4	6.35	LMBF4UU	32	LMBK4UU	25	0.25	0/-.00040	6.35	0/-9	0.5	0/-.00046	12.7	0/-11	0.75	±.012	19.05	±300
3/8	9.525	LMBF6UU	47	LMBK6UU	32	0.375	0/-.00040	9.525	0/-9	0.625	0/-.00050	15.875	0/-13	0.875	±.012	22.225	±300
1/2	12.7	LMBF8UU	88	LMBK8UU	68	0.5	0/-.00040	12.7	0/-9	0.875	0/-.00050	22.225	0/-13	1.25	0/-.008	31.75	0/-200
5/8	15.875	LMBF10UU	140	LMBK10UU	124	0.625	0/-.00040	15.875	0/-9	1.125	0/-.00050	28.575	0/-13	1.5	0/-.008	38.1	0/-200
3/4	19.05	LMBF12UU	190	LMBK12UU	150	0.75	0/-.00040	19.05	0/-10	1.25	0/-.00065	31.75	0/-16	1.625	0/-.008	41.275	0/-200
1	25.4	LMBF16UU	325	LMBK16UU	280	1	0/-.00040	25.4	0/-10	1.5625	0/-.00065	39.688	0/-16	2.25	0/-.012	57.15	0/-300
1-1/4	31.75	LMBF20UU	665	LMBK20UU	580	1.25	0/-.00050	31.75	0/-12	2	0/-.00075	50.8	0/-19	2.625	0/-.012	66.675	0/-300
1-1/2	38.1	LMBF24UU	1100	LMBK24UU	930	1.5	0/-.00050	38.1	0/-12	2.375	0/-.00075	60.325	0/-19	3	0/-.012	76.2	0/-300
2	50.8	LMBF32UU	1760	LMBK32UU	1580	2	0/-.00050	50.8	0/-12	3	0/-.00090	76.2	0/-22	4	0/-.012	101.6	0/-300
2-1/2	63.5	LMBF40UU	3570	LMBK40UU	3200	2.5	0/-.00060	63.5	0/-15	3.75	0/-.00090	95.25	0/-22	5	0/-.012	127	0/-300
3	76.2	LMBF48UU	5600	LMBK48UU	5000	3	0/-.00060	76.2	0/-15	4.5	0/-.00090	114.3	0/-22	6	0/-.016	152.4	0/-400
4	101.6	LMBF64UU	12000	LMBK64UU	11300	4	0/-.00080	101.6	0/-20	6	0/-.00100	152.4	0/-25	8	0/-.016	203.2	0/-400

Nominal shaft diameter		Round flange	Weight (g)	Square flange	Weight (g)	Main dimensions and tolerances Flange							Eccentric Inch/μm	Verticality Inch/μm	Rated load	
Inch	mm					Df Inch/mm	K Inch/mm	t Inch/mm	Dp Inch/mm	X Inch/mm	Y Inch/mm	Z Inch/mm			Dynamic load CN	Dead load Co N
1/4	6.35	LMBF4UU	32	LMBK4UU	25	1.2500/31.750	1.0000/25.400	0.219/5.556	.8750/22.225	.1560/3.969	.2500/6.350	.1410/3.572	.0005/12	.0005/12	206	265
3/8	9.525	LMBF6UU	47	LMBK6UU	32	1.5000/38.100	1.2500/31.750	.2500/6.350	1.0620/26.988	.1875/4.763	.2970/7.541	.1720/4.366	.0005/12	.0005/12	225	314
1/2	12.7	LMBF8UU	88	LMBK8UU	68	1.7500/44.450	1.3750/34.925	.2500/6.350	1.312/33.338	.1875/4.763	.2970/7.541	.1720/4.366	.0005/12	.0005/12	510	784
5/8	15.875	LMBF10UU	140	LMBK10UU	124	2.0000/50.800	1.5000/38.100	.2500/6.350	1.5620/39.688	.1875/4.763	.2970/7.541	.1720/4.366	.0005/12	.0005/12	774	1180
3/4	19.05	LMBF12UU	190	LMBK12UU	150	2.1875/55.563	1.6875/42.863	.3125/7.938	1.7180/43.660	.2187/5.556	.3440/8.731	.2030/5.159	.0006/15	.0006/15	862	1370
1	25.4	LMBF16UU	325	LMBK16UU	280	2.5000/63.500	2.0000/50.800	.3125/7.938	2.0310/51.594	.2187/5.556	.3440/8.731	.2030/5.159	.0006/15	.0006/15	980	1570
1-1/4	31.75	LMBF20UU	665	LMBK20UU	580	3.1250/79.375	2.5000/63.500	.3750/9.525	2.5625/65.088	.2812/7.144	.4060/10.319	.2656/6.747	.0008/20	.0008/20	1570	2740
1-1/2	38.1	LMBF24UU	1100	LMBK24UU	930	3.7500/95.250	3.0000/76.200	.5000/12.700	3.0625/77.788	.3440/8.731	.5000/12.700	.3280/8.334	.0008/20	.0008/20	2180	4020
2	50.8	LMBF32UU	1760	LMBK32UU	1580	4.3750/111.125	3.5000/88.900	.5000/12.700	3.6875/93.662	.3440/8.731	.5000/12.700	.3280/8.334	.0010/25	.0010/25	3820	7940
2-1/2	63.5	LMBF40UU	3570	LMBK40UU	3200	5.3750/136.525	4.3750/111.125	.7500/19.050	4.5625/115.887	.4062/10.319	.6250/15.875	.3750/9.525	.0010/25	.0010/25	4700	10000
3	76.2	LMBF48UU	5600	LMBK48UU	5000	6.1250/155.575	5.0000/127.000	.7500/19.050	5.3125/134.937	.4062/10.319	.6250/15.875	.3750/9.525	.0010/25	.0010/25	7350	16000
4	101.6	LMBF64UU	12000	LMBK64UU	11300	8.0000/203.200	6.7500/171.450	.8750/22.225	7.0000/177.800	.5000/12.700	.7125/18.097	.5000/12.700	.0012/30	.0012/30	14100	34800

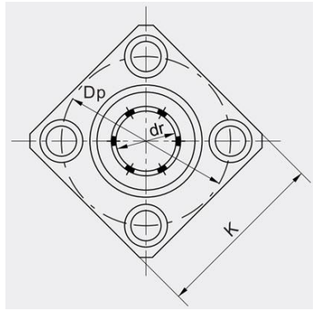
LMBF...L、LMBK...L Series

LMBK..LUU

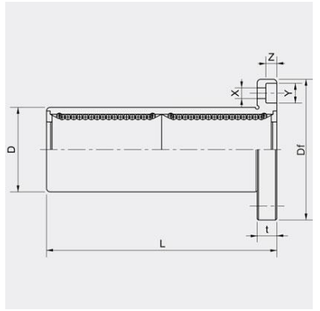
LMBF..LUU



LMBF..LUU



LMBK..LUU

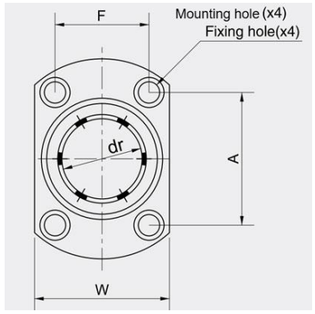


Nominal shaft diameter		Extended round flange	Weight (g)	Extended square flange	Weight (g)	Main dimensions and tolerances											
Inch	mm					dr Inch	dr Tolerance Inch	dr mm	dr Tolerance μm	D Inch	D Tolerance Inch	D mm	D Tolerance μm	L Inch	L Tolerance Inch	L mm	L Tolerance μm
1/4	6.35	LMBF4LUU	40	LMBK4LUU	33	0.25	0/-.00040	6.35	0/-10	0.5	0/-.00045	12.7	0/-11	1.375	±.012	34.925	±300
3/8	9.525	LMBF6LUU	60	LMBK6LUU	45	0.375	0/-.00040	9.525	0/-10	0.625	0/-.00065	15.875	0/-16	1.5938	±.012	40.481	±300
1/2	12.7	LMBF8LUU	126	LMBK8LUU	106	0.5	0/-.00040	12.7	0/-10	0.875	0/-.00065	22.225	0/-16	2.375	0/-.012	60.325	0/-300
5/8	15.875	LMBF10LUU	215	LMBK10LUU	200	0.625	0/-.00040	15.875	0/-10	1.125	0/-.00065	28.575	0/-16	2.8125	0/-.012	71.438	0/-300
3/4	19.05	LMBF12LUU	280	LMBK12LUU	240	0.75	0/-.00050	19.05	0/-12	1.25	0/-.00075	31.75	0/-19	3.0937	0/-.012	78.581	0/-300
1	25.4	LMBF16LUU	515	LMBK16LUU	470	1	0/-.00050	25.4	0/-12	1.5625	0/-.00075	39.688	0/-19	4.2831	0/-.016	108.744	0/-400
1-1/4	31.75	LMBF20LUU	1020	LMBK20LUU	935	1.25	0/-.00065	31.75	0/-16	2	0/-.00090	50.8	0/-22	5	0/-.016	127	0/-400
1-1/2	38.1	LMBF24LUU	1630	LMBK24LUU	1460	1.5	0/-.00065	38.1	0/-16	2.375	0/-.00090	60.325	0/-22	5.6875	0/-.016	144.463	0/-400
2	50.8	LMBF32LUU	2800	LMBK32LUU	2620	2	0/-.00065	50.8	0/-16	3	0/-.00100	76.2	0/-25	7.75	0/-.016	196.85	0/-400

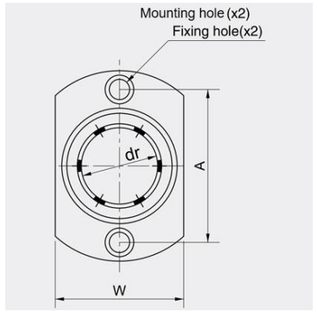
Nominal shaft diameter		Extended round flange	Weight (g)	Extended square flange	Weight (g)	Main dimensions and tolerances Flange												Eccentric Inch	Eccentric μm	Verticality Inch	Verticality μm	Rated load	
Inch	mm					Df Inch	Df mm	K Inch	K mm	t Inch	t mm	Dp Inch	Dp mm	X Inch	X mm	Y Inch	Y mm	Z Inch	Z mm					Dynamic load C N	Dead load Co N
1/4	6.35	LMBF4LUU	40	LMBK4LUU	33	1.25	31.75	1	25.4	0.2188	5.556	0.875	22.225	0.1563	3.969	0.25	6.35	0.1406	3.572	0.0006	15	0.0006	15	323	530
3/8	9.525	LMBF6LUU	60	LMBK6LUU	45	1.5	38.1	1.25	31.75	0.25	6.35	1.0625	26.988	0.1875	4.763	0.2969	7.541	0.1719	4.366	0.0006	15	0.0006	15	353	630
1/2	12.7	LMBF8LUU	126	LMBK8LUU	106	1.75	44.45	1.375	34.925	0.25	6.35	1.3125	33.338	0.1875	4.763	0.2969	7.541	0.1719	4.366	0.0006	15	0.0006	15	813	1570
5/8	15.875	LMBF10LUU	215	LMBK10LUU	200	2	50.8	1.5	38.1	0.25	6.35	1.5625	39.688	0.1875	4.763	0.2969	7.541	0.1719	4.366	0.0006	15	0.0006	15	1230	2350
3/4	19.05	LMBF12LUU	280	LMBK12LUU	240	2.1875	55.563	1.6875	42.863	0.3125	7.938	1.7188	43.656	0.2188	5.556	0.3438	8.731	0.2031	5.159	0.0008	20	0.0008	20	1370	2740
1	25.4	LMBF16LUU	515	LMBK16LUU	470	2.5	63.5	2	50.8	0.3125	7.938	2.0313	51.594	0.2188	5.556	0.3438	8.731	0.2031	5.159	0.0008	20	0.0008	20	1570	3140
1-1/4	31.75	LMBF20LUU	1020	LMBK20LUU	935	3.125	79.375	2.5	63.5	0.375	9.525	2.5625	65.088	0.2813	7.144	0.4063	10.319	0.2656	6.747	0.001	25	0.001	25	2500	5490
1-1/2	38.1	LMBF24LUU	1630	LMBK24LUU	1460	3.75	95.25	3	76.2	0.5	12.7	3.0625	77.788	0.3437	8.731	0.5	12.7	0.3281	8.334	0.001	25	0.001	25	3430	8040
2	50.8	LMBF32LUU	2800	LMBK32LUU	2620	4.375	111.125	3.5	88.9	0.5	12.7	3.6875	93.662	0.3437	8.731	0.5	12.7	0.3281	8.334	0.0012	30	0.0012	30	6080	

LMH Series

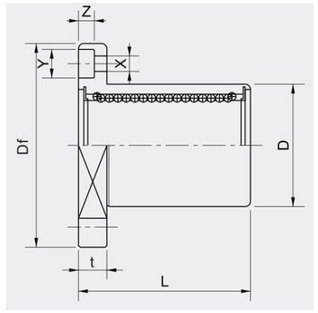
LMH...UU



Shaft diameter ≥ 16mm



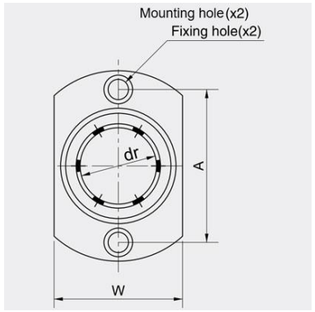
Shaft diameter ≤ 13mm



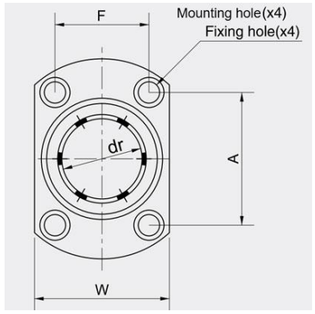
Nominal shaft diameter mm	Oval flange	Weight (g)	Main dimensions and tolerances						Main dimensions and tolerances Flange										Rated load	
			dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Df mm	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm	Eccentric μm	Verticality μm	Dynamic load C N	Dead load CoN
6	LMH6UU	21	6	0/-9	12	0/-11	19	±300	28	18	5	20	-	3.5	6	3.1	12	12	206	265
8	LMH8UU	33	8	0/-9	15	0/-11	24	±300	32	21	5	24	-	3.5	6	3.1	12	12	274	392
10	LMH10UU	64	10	0/-9	19	0/-13	29	±300	40	25	6	29	-	4.5	7.5	4.1	12	12	372	549
12	LMH12UU	68	12	0/-9	21	0/-13	30	0/-200	42	27	6	32	-	4.5	7.5	4.1	12	12	510	784
13	LMH13UU	81	13	0/-9	23	0/-13	32	0/-200	43	29	6	33	-	4.5	7.5	4.1	12	12	510	784
16	LMH16UU	112	16	0/-9	28	0/-13	37	0/-200	48	34	6	31	22	4.5	7.5	4.1	12	12	774	1180
20	LMH20UU	167	20	0/-10	32	0/-16	42	0/-200	54	38	8	36	24	5.5	9	5.1	15	15	882	1370
25	LMH25UU	325	25	0/-10	40	0/-16	59	0/-300	62	46	8	40	32	5.5	9	5.1	15	15	980	1570
30	LMH30UU	388	30	0/-10	45	0/-16	64	0/-300	74	51	10	49	35	6.6	11	6.1	15	15	1570	2740

LMH...L Series

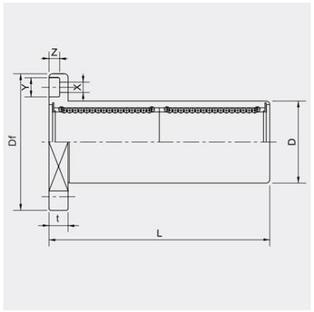
LMH...LUU



Shaft diameter ≤ 13mm



Shaft diameter ≥ 16mm

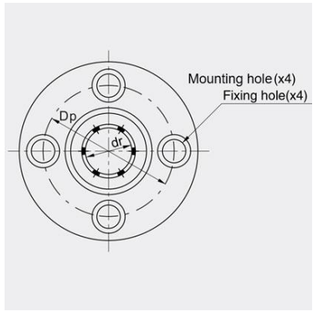


Nominal shaft diameter mm	Extended oval flange	Weight (g)	Main dimensions and tolerances						Main dimensions and tolerances Flange										Rated load	
			dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Df mm	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm	Eccentric μm	Verticality μm	Dynamic load C N	Dead load Co N
5	LMH5LUU	21	5	0/-10	10	0/-13	28	±300	28	16	5	18	-	3.5	6	3.1	15	15	261	412
6	LMH6LUU	28	6	0/-10	12	0/-13	35	±300	28	18	5	20	-	3.5	6	3.1	15	15	323	529
8	LMH8LUU	47	8	0/-10	15	0/-13	45	±300	32	21	5	24	-	3.5	6	3.1	15	15	431	784
10	LMH10LUU	90	10	0/-10	19	0/-16	55	±300	40	25	6	29	-	4.5	7.5	4.1	15	15	588	1100
12	LMH12LUU	102	12	0/-10	21	0/-16	57	0/-300	42	27	6	32	-	4.5	7.5	4.1	15	15	813	1570
13	LMH13LUU	123	13	0/-10	23	0/-16	61	0/-300	43	29	6	33	-	4.5	7.5	4.1	15	15	813	1570
16	LMH16LUU	182	16	0/-10	28	0/-16	70	0/-300	48	34	6	31	22	4.5	7.5	4.1	15	15	1230	2350
20	LMH20LUU	247	20	0/-12	32	0/-19	80	0/-300	54	38	8	36	24	5.5	9	5.1	20	20	1400	2740
25	LMH25LUU	525	25	0/-12	40	0/-19	112	0/-400	62	46	8	40	32	5.5	9	5.1	20	20	1560	3140
30	LMH30LUU	645	30	0/-12	45	0/-19	123	0/-400	74	51	10	49	35	6.6	11	6.1	20	20	2490	5490

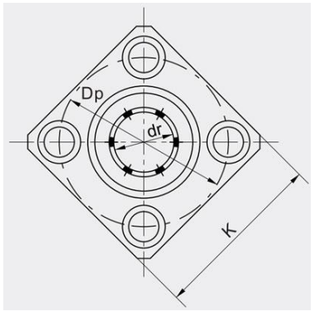
LMFP、LMKP Series

LMKP..UU

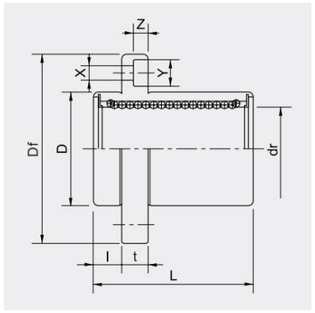
LMFP..UU



LMFP..UU



LMKP..UU

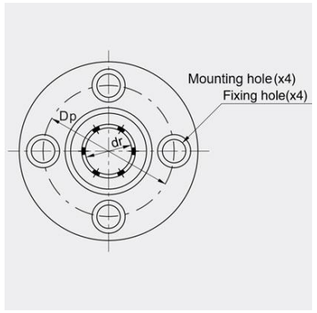


Nominal shaft diameter mm	Nylon holder				Main dimensions and tolerances						Main dimensions and tolerances Flange										Rated load	
	Guide round flange	Weight (g)	Guide square flange	Weight (g)	dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	l mm	Df mm	k mm	t mm	Dp mm	X mm	Y mm	Z mm	Eccentric μm	Verticality μm	Dynamic load C N	Dead load Co N
6	LMFP6UU	24	LMKP6UU	18	6	0/-9	12	0/-13	19	±300	5	28	22	5	20	3.5	6	3.1	12	12	206	265
8	LMFP8UU	37	LMKP8UU	29	8	0/-9	15	0/-13	24	±300	5	32	25	5	24	3.5	6	3.1	12	12	274	392
10	LMFP10UU	72	LMKP10UU	52	10	0/-9	19	0/-13	29	±300	6	40	30	6	29	4.5	7.5	4.1	12	12	372	549
12	LMFP12UU	76	LMKP12UU	57	12	0/-9	21	0/-16	30	0/-200	6	42	32	6	32	4.5	7.5	4.1	12	12	510	784
13	LMFP13UU	88	LMKP13UU	72	13	0/-9	23	0/-16	32	0/-200	6	43	34	6	33	4.5	7.5	4.1	12	12	510	784
16	LMFP16UU	120	LMKP16UU	104	16	0/-9	28	0/-16	37	0/-200	6	48	37	6	38	4.5	7.5	4.1	12	12	774	1180
20	LMFP20UU	180	LMKP20UU	145	20	0/-10	32	0/-19	42	0/-200	8	54	42	8	43	5.5	9	5.1	15	15	882	1370
25	LMFP25UU	340	LMKP25UU	300	25	0/-10	40	0/-19	59	0/-300	8	62	50	8	51	5.5	9	5.1	15	15	980	1570
30	LMFP30UU	470	LMKP30UU	375	30	0/-10	45	0/-19	64	0/-300	10	74	58	10	60	6.6	11	6.1	15	15	1570	2740
35	LMFP35UU	650	LMKP35UU	560	35	0/-12	52	0/-22	70	0/-300	10	82	64	10	67	6.6	11	6.1	20	20	1670	3140
40	LMFP40UU	1060	LMKP40UU	880	40	0/-12	60	0/-22	80	0/-300	13	96	75	13	78	9	14	8.1	20	20	2160	4020
50	LMFP50UU	2200	LMKP50UU	2000	50	0/-12	80	0/-22	100	0/-300	13	116	92	13	98	9	14	8.1	20	20	3820	7940
60	LMFP60UU	3000	LMKP60UU	2560	60	0/-15	90	0/-25	110	0/-300	18	134	106	18	112	11	17	11.1	25	25	4700	10000

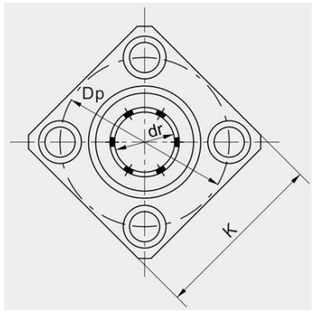
➢ LMFP...L、LMKP...L Series

LMKP..LUU

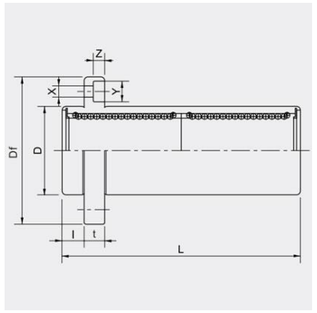
LMFP..LUU



LMFP..LUU



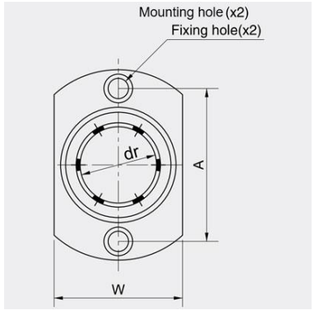
LMKP..LUU



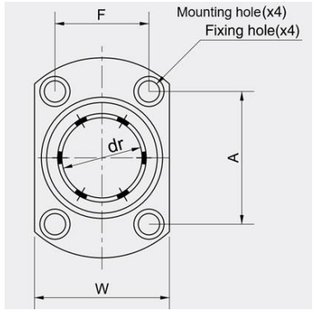
Nominal shaft diameter mm	Nylon holder				Main dimensions and tolerances						Main dimensions and tolerances Flange										Rated load	
	Extended guide round flange	Weight (g)	Extended guide square flange	Weight (g)	dr mm	dr	D mm	D Tolerance μm	L mm	L Tolerance μm	l mm	Df mm	k mm	t mm	Dp mm	X mm	Y mm	Z mm	Eccentric μm	Verticality μm	Dynamic load C N	Dead load Co N
6	LMFP6LUU	31	LMKP6LUU	25	6	0/-10	12	0/-13	35	±300	5	28	22	5	20	3.5	6	3.1	15	15	323	529
8	LMFP8LUU	51	LMKP8LUU	43	8	0/-10	15	0/-13	45	±300	5	32	25	5	24	3.5	6	3.1	15	15	431	784
10	LMFP10LUU	98	LMKP10LUU	78	10	0/-10	19	0/-13	55	±300	6	40	30	6	29	4.5	7.5	4.1	15	15	588	1100
12	LMFP12LUU	110	LMKP12LUU	90	12	0/-10	21	0/-16	57	0/-300	6	42	32	6	32	4.5	7.5	4.1	15	15	813	1570
13	LMFP13LUU	130	LMKP13LUU	108	13	0/-10	23	0/-16	61	0/-300	6	43	34	6	33	4.5	7.5	4.1	15	15	813	1570
16	LMFP16LUU	190	LMKP16LUU	165	16	0/-10	28	0/-16	70	0/-300	6	48	37	6	38	4.5	7.5	4.1	15	15	1230	2350
20	LMFP20LUU	260	LMKP20LUU	225	20	0/-12	32	0/-19	80	0/-300	8	54	42	8	43	5.5	9	5.1	20	20	1400	2740
25	LMFP25LUU	540	LMKP25LUU	500	25	0/-12	40	0/-19	112	0/-400	8	62	50	8	51	5.5	9	5.1	20	20	1560	3140
30	LMFP30LUU	680	LMKP30LUU	590	30	0/-12	45	0/-19	123	0/-400	10	74	58	10	60	6.6	11	6.1	20	20	2490	5490
35	LMFP35LUU	1020	LMKP35LUU	930	35	0/-15	52	0/-22	135	0/-400	10	82	64	10	67	6.6	11	6.1	25	25	2650	6270
40	LMFP40LUU	1570	LMKP40LUU	1380	40	0/-15	60	0/-22	151	0/-400	13	96	75	13	78	9	14	8.1	25	25	3430	8040
50	LMFP50LUU	3600	LMKP50LUU	3400	50	0/-15	80	0/-22	192	0/-400	13	116	92	13	98	9	14	8.1	25	25	6080	15900
60	LMFP60LUU	4500	LMKP60LUU	4060	60	0/-20	90	0/-25	209	0/-400	18	134	106	18	112	11	17	11.1	30	30	7550	20000

LMHP Series

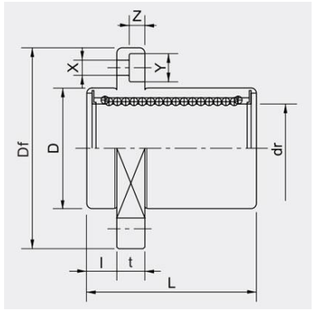
LMHP..UU



Shaft diameter ≤ 13mm



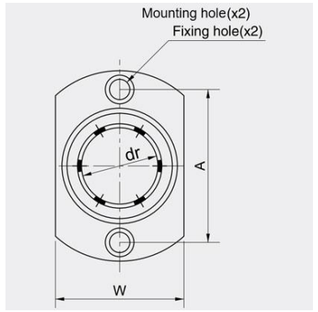
Shaft diameter ≥ 16mm



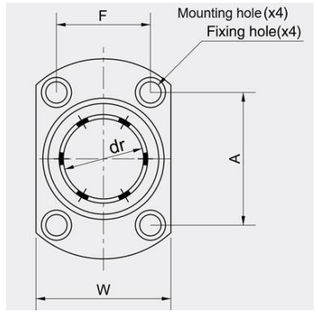
Nominal shaft diameter mm	Guide oval flange	Weight (g)	Main dimensions and tolerances						Main dimensions and tolerances Flange											Rated load	
			dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	l mm	Df mm	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm	Eccentric μm	Verticality μm	Dynamic load C N	Dead load Co N
6	LMHP6UU	21	6	0/-9	12	0/-13	19	±300	5	28	18	5	20	-	3.5	6	3.1	12	12	206	265
8	LMHP8UU	33	8	0/-9	15	0/-13	24	±300	5	32	21	5	24	-	3.5	6	3.1	12	12	274	392
10	LMHP10UU	64	10	0/-9	19	0/-16	29	±300	6	40	25	6	29	-	4.5	7.5	4.1	12	12	372	549
12	LMHP12UU	68	12	0/-9	21	0/-16	30	0/-200	6	42	27	6	32	-	4.5	7.5	4.1	12	12	510	784
13	LMHP13UU	81	13	0/-9	23	0/-16	32	0/-200	6	43	29	6	33	-	4.5	7.5	4.1	12	12	510	784
16	LMHP16UU	112	16	0/-9	28	0/-16	37	0/-200	6	48	34	6	31	22	4.5	7.5	4.1	12	12	774	1180
20	LMHP20UU	167	20	0/-10	32	0/-19	42	0/-200	8	54	38	8	36	24	5.5	9	5.1	15	15	882	1370
25	LMHP25UU	325	25	0/-10	40	0/-19	59	0/-300	8	62	46	8	40	32	5.5	9	5.1	15	15	980	1570
30	LMHP30UU	388	30	0/-10	45	0/-19	64	0/-300	10	74	51	10	49	35	6.6	11	6.1	15	15	1570	2740

LMHP...L Series

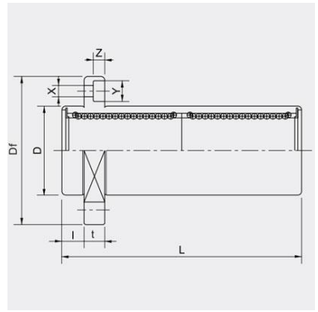
LMHP...LUU



Shaft diameter ≤ 13mm



Shaft diameter ≥ 16mm

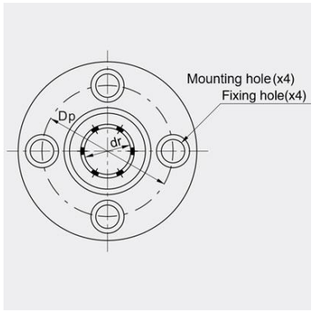


Nominal shaft diameter mm	Extended guide oval flange	Weight (g)	Main dimensions and tolerances						Main dimensions and tolerances Flange											Rated load	
			dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	l mm	Df mm	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm	Eccentric μm	Verticality μm	Dynamic load C N	Dead load Co N
6	LMHP6LUU	28	6	0/-10	12	0/-13	35	±300	5	28	18	5	20	-	3.5	6	3.1	15	15	323	529
8	LMHP8LUU	47	8	0/-10	15	0/-13	45	±300	5	32	21	5	24	-	3.5	6	3.1	15	15	431	784
10	LMHP10LUU	90	10	0/-10	19	0/-16	55	±300	6	40	25	6	29	-	4.5	7.5	4.1	15	15	588	1100
12	LMHP12LUU	102	12	0/-10	21	0/-16	57	0/-300	6	42	27	6	32	-	4.5	7.5	4.1	15	15	813	1570
13	LMHP13LUU	123	13	0/-10	23	0/-16	61	0/-300	6	43	29	6	33	-	4.5	7.5	4.1	15	15	813	1570
16	LMHP16LUU	182	16	0/-10	28	0/-16	70	0/-300	6	48	34	6	31	22	4.5	7.5	4.1	15	15	1230	2350
20	LMHP20LUU	247	20	0/-12	32	0/-19	80	0/-300	8	54	38	8	36	24	5.5	9	5.1	20	20	1400	2740
25	LMHP25LUU	525	25	0/-12	40	0/-19	112	0/-400	8	62	46	8	40	32	5.5	9	5.1	20	20	1560	3140
30	LMHP30LUU	645	30	0/-12	45	0/-19	123	0/-400	10	74	51	10	49	35	6.6	11	6.1	20	20	2490	5490

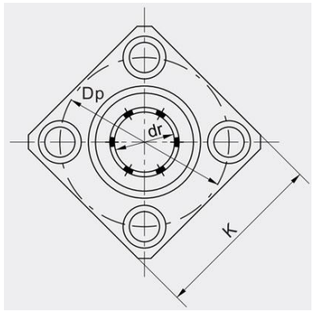
LMFM...L、LMKM...L Series

LMKM..LUU

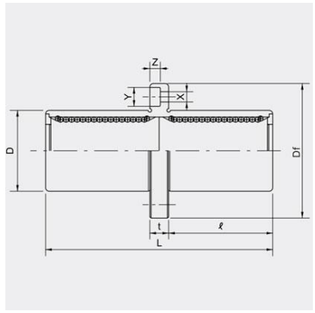
LMFM..LUU



LMFM..LUU



LMKM..LUU

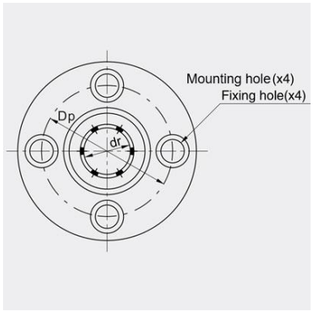


Nominal shaft diameter mm	Nylon holder				Main dimensions and tolerances						Main dimensions and tolerances Flange										Rated load	
	Extended intermediate round flange	Weight (g)	Extended intermediate square flange	Weight (g)	dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	l mm	Df mm	k mm	t mm	Dp mm	X mm	Y mm	Z mm	Eccentric μm	Verticality μm	Dynamic load C N	Dead load Co N
6	LMFM6LUU	31	LMKM6LUU	25	6	0/-10	12	0/-13	35	±300	15	28	22	5	20	3.5	6	3.1	15	15	323	529
8	LMFM8LUU	51	LMKM8LUU	43	8	0/-10	15	0/-13	45	±300	20	32	25	5	24	3.5	6	3.1	15	15	431	784
10	LMFM10LUU	98	LMKM10LUU	78	10	0/-10	19	0/-13	55	±300	24.5	40	30	6	29	4.5	7.5	4.1	15	15	588	1100
12	LMFM12LUU	110	LMKM12LUU	90	12	0/-10	21	0/-16	57	0/-300	25.5	42	32	6	32	4.5	7.5	4.1	15	15	813	1570
13	LMFM13LUU	130	LMKM13LUU	108	13	0/-10	23	0/-16	61	0/-300	27.5	43	34	6	33	4.5	7.5	4.1	15	15	813	1570
16	LMFM16LUU	190	LMKM16LUU	165	16	0/-10	28	0/-16	70	0/-300	32	48	37	6	38	4.5	7.5	4.1	15	15	1230	2350
20	LMFM20LUU	260	LMKM20LUU	225	20	0/-12	32	0/-19	80	0/-300	36	54	42	8	43	5.5	9	5.1	20	20	1400	2740
25	LMFM25LUU	540	LMKM25LUU	500	25	0/-12	40	0/-19	112	0/-400	52	62	50	8	51	5.5	9	5.1	20	20	1560	3140
30	LMFM30LUU	680	LMKM30LUU	590	30	0/-12	45	0/-19	123	0/-400	56.5	74	58	10	60	6.6	11	6.1	20	20	2490	5490
35	LMFM35LUU	1020	LMKM35LUU	930	35	0/-15	52	0/-22	135	0/-400	62.5	82	64	10	67	6.6	11	6.1	25	25	2650	6270
40	LMFM40LUU	1570	LMKM40LUU	1380	40	0/-15	60	0/-22	151	0/-400	69	96	75	13	78	9	14	8.1	25	25	3430	8040
50	LMFM50LUU	3600	LMKM50LUU	3400	50	0/-15	80	0/-22	192	0/-400	89.5	116	92	13	98	9	14	8.1	25	25	6080	15900
60	LMFM60LUU	4500	LMKM60LUU	4060	60	0/-20	90	0/-25	209	0/-400	95.5	134	106	18	112	11	17	11.1	30	30	7550	20000

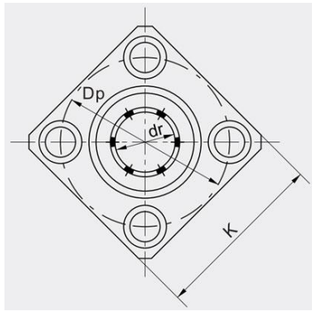
LMEFM…L、LMEKM…L Series

LMEKM..LUU

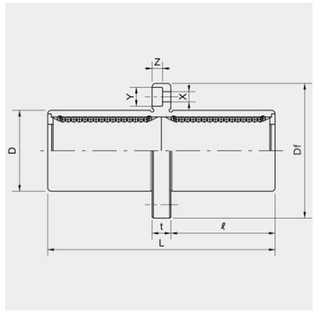
LMEFM..LUU



LMEFM..LUU



LMEKM..LUU

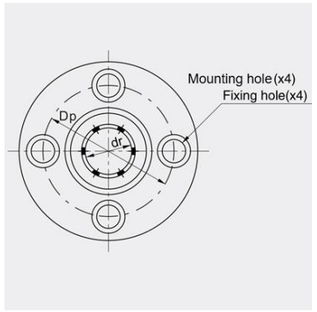


Nominal shaft diameter mm	Nylon holder				Main dimensions and tolerances						Main dimensions and tolerances Flange										Rated load	
	Extended intermediate round flange	Weight (g)	Extended intermediate square flange	Weight (g)	dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	l mm	Df mm	k mm	t mm	Dp mm	X mm	Y mm	Z mm	Eccentric μm	Verticality μm	Dynamic load C N	Dead load Co N
8	LMEFM8LUU	59	LMEKM8LUU	51	8	+9/-1	16	0/-9	46	±300	20.5	32	25	5	24	3.5	6	3.1	15	15	421	804
12	LMEFM12LUU	110	LMEKM12LUU	90	12	+9/-1	22	0/-11	61	0/-300	27.5	42	32	6	32	4.5	7.5	4.1	15	15	813	1570
16	LMEFM16LUU	160	LMEKM16LUU	135	16	+11/-1	26	0/-11	68	0/-300	31	46	35	6	36	4.5	7.5	4.1	15	15	912	1780
20	LMEFM20LUU	260	LMEKM20LUU	225	20	+11/-1	32	0/-13	80	0/-300	36	54	42	8	43	5.5	9	5.1	17	17	1370	2740
25	LMEFM25LUU	540	LMEKM25LUU	500	25	+13/-2	40	0/-13	112	0/-400	52	62	50	8	51	5.5	9	5.1	17	17	1570	3140
30	LMEFM30LUU	815	LMEKM30LUU	720	30	+13/-2	47	0/-13	123	0/-400	56.5	76	60	10	62	6.6	11	6.1	17	17	2500	5490
40	LMEFM40LUU	1805	LMEKM40LUU	1600	40	+16/-4	62	0/-15	151	0/-400	69	98	75	13	80	9	14	8.1	20	20	3430	8040
50	LMEFM50LUU	2820	LMEKM50LUU	2620	50	+16/-4	75	0/-15	192	0/-400	89.5	112	88	13	94	9	14	8.1	20	20	6080	15900
60	LMEFM60LUU	4920	LMEKM60LUU	4480	60	+16/-4	90	0/-20	209	0/-400	95.5	134	106	18	112	11	17	11.1	25	25	7550	20000

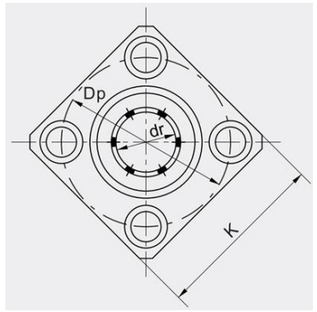
LMBFM…L、LMBKM…L Series

LMBKM..LUU

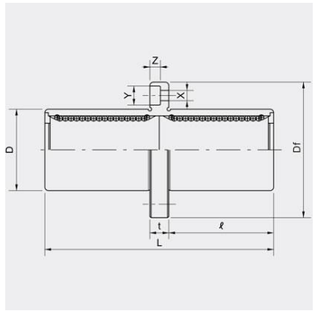
LMBFM..LUU



LMBFM..LUU



LMBKM..LUU

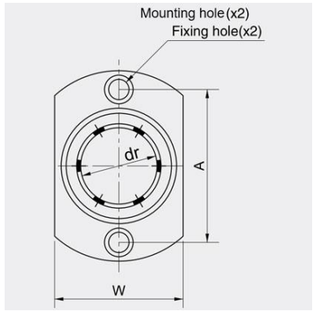


Nominal shaft diameter		Extended intermediate round flange	Weight (g)	Extended intermediate square flange	Weight (g)	Main dimensions and tolerances											
Inch	mm					dr Inch	dr mm	dr Tolerance Inch	dr Tolerance μm	D Inch	D mm	D Tolerance Inch	D Tolerance μm	L Inch	L mm	L Tolerance Inch	L Tolerance μm
1/4	6.35	LMBFM4LUU	40	LMBKM4LUU	33	0.25	6.35	0/-.00040	0/-10	0.5	12.7	0/-.00045	0/-11	1.375	34.925	±.012	±300
3/8	9.525	LMBFM6LUU	60	LMBKM6LUU	45	0.375	9.525	0/-.00040	0/-10	0.625	15.875	0/-.00065	0/-16	1.5938	40.481	±.012	±300
1/2	12.7	LMBFM8LUU	126	LMBKM8LUU	106	0.5	12.7	0/-.00040	0/-10	0.875	22.225	0/-.00065	0/-16	2.375	60.325	0/-.012	0/-300
5/8	15.875	LMBFM10LUU	215	LMBKM10LUU	200	0.625	15.875	0/-.00040	0/-10	1.125	28.575	0/-.00065	0/-16	2.8125	71.438	0/-.012	0/-300
3/4	19.05	LMBFM12LUU	280	LMBKM12LUU	240	0.75	19.05	0/-.00050	0/-12	1.25	31.75	0/-.00075	0/-19	3.0937	78.581	0/-.012	0/-300
1	25.4	LMBFM16LUU	515	LMBKM16LUU	470	1	25.4	0/-.00050	0/-12	1.5625	39.688	0/-.00075	0/-19	4.2831	108.744	0/-.016	0/-400
1-1/4	31.75	LMBFM20LUU	1020	LMBKM20LUU	935	1.25	31.75	0/-.00065	0/-16	2	50.8	0/-.00090	0/-22	5	127	0/-.016	0/-400
1-1/2	38.1	LMBFM24LUU	1630	LMBKM24LUU	1460	1.5	38.1	0/-.00065	0/-16	2.375	60.325	0/-.00090	0/-22	5.6875	144.463	0/-.016	0/-400
2	50.8	LMBFM32LUU	2800	LMBKM32LUU	2620	2	50.8	0/-.00065	0/-16	3	76.2	0/-.00100	0/-25	7.75	196.85	0/-.016	0/-400

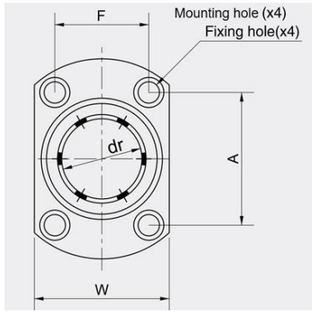
Nominal shaft diameter		Extended intermediate round flange	Weight (g)	Extended intermediate square flange	Weight (g)	Main dimensions and tolerances flange								Eccentric Inch/μm	Verticality Inch/μm	Rated load	
Inch	mm					l Inch/μm	Df Inch/mm	K Inch/mm	t Inch/mm	Dp Inch/mm	X Inch/mm	Y Inch/mm	Z Inch/mm			Dynamic load C N	Dead load Co N
1/4	6.35	LMBFM4LUU	40	LMBKM4LUU	33	.5781/14.684	1.2500/31.750	1.0000/25.400	0.2188/5.556	.8750/22.225	.1563/3.969	.2500/6.350	.1406/3.572	.0006/15	.0006/15	323	530
3/8	9.525	LMBFM6LUU	60	LMBKM6LUU	45	.6791/17.066	1.5000/38.100	1.2500/31.750	.2500/6.350	1.0625/26.988	.1875/4.763	.2969/7.541	.1719/4.366	.0006/15	.0006/15	353	630
1/2	12.7	LMBFM8LUU	126	LMBKM8LUU	106	1.0625/26.988	1.7500/44.450	1.3750/34.925	.2500/6.350	1.3125/33.338	.1875/4.763	.2969/7.541	.1719/4.366	.0006/15	.0006/15	813	1570
5/8	15.875	LMBFM10LUU	215	LMBKM10LUU	200	1.2813/32.544	2.0000/50.800	1.5000/38.100	.2500/6.350	1.5625/39.688	.1875/4.763	.2969/7.541	.1719/4.366	.0006/15	.0006/15	1230	2350
3/4	19.05	LMBFM12LUU	280	LMBKM12LUU	240	1.3906/35.322	2.1875/55.563	1.6875/42.863	.3125/7.938	1.7188/43.656	.2188/5.556	.3438/8.731	.2031/5.159	.0008/20	.0008/20	1370	2740
1	25.4	LMBFM16LUU	515	LMBKM16LUU	470	1.9844/50.403	2.5000/63.500	2.0000/50.800	.3125/7.938	2.0313/51.594	.2188/5.556	.3438/8.731	.2031/5.159	.0008/20	.0008/20	1570	3140
1-1/4	31.75	LMBFM20LUU	1020	LMBKM20LUU	935	2.3125/58.738	3.1250/79.375	2.5000/63.500	.3750/9.525	2.5625/65.088	.2813/7.144	.4063/10.319	.2656/6.747	.0010/25	.0010/25	2500	5490
1-1/2	38.1	LMBFM24LUU	1630	LMBKM24LUU	1460	2.5938/65.882	3.7500/95.250	3.0000/76.200	.5000/12.700	3.0625/77.788	.3437/8.731	.5000/12.700	.3281/8.334	.0010/25	.0010/25	3430	8040
2	50.8	LMBFM32LUU	2800	LMBKM32LUU	2620	3.6250/92.075	4.3750/111.125	3.5000/88.900	.5000/12.700	3.6875/93.662	.3437/8.731	.5000/12.700	.3281/8.334	.0012/30	.0012/30	6080	15900

LMHM...L Series

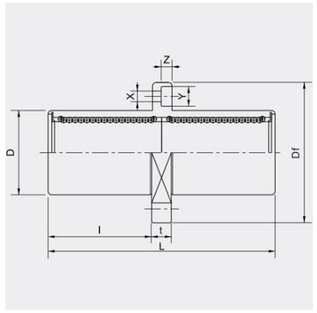
LMHM...LUU



Shaft diameter ≤ 13mm



Shaft diameter ≥ 16mm



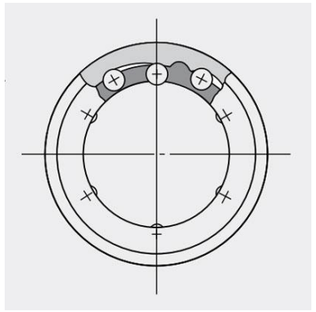
Nominal shaft diameter mm	Extended intermediate oval flange	Weight (g)	Main dimensions and tolerances						Main dimensions and tolerances Flange											Rated load	
			dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	l mm	Df mm	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm	Eccentric μm	Verticality μm	Dynamic load CN	Dead load Co N
6	LMHM6LUU	28	6	0/-10	12	0/-13	35	±300	15	28	18	5	20	-	3.5	6	3.1	15	15	323	529
8	LMHM8LUU	47	8	0/-10	15	0/-13	45	±300	20	32	21	5	24	-	3.5	6	3.1	15	15	431	784
10	LMHM10LUU	90	10	0/-10	19	0/-16	55	±300	24.5	40	25	6	29	-	4.5	7.5	4.1	15	15	588	1100
12	LMHM12LUU	102	12	0/-10	21	0/-16	57	0/-300	25.5	42	27	6	32	-	4.5	7.5	4.1	15	15	813	1570
13	LMHM13LUU	123	13	0/-10	23	0/-16	61	0/-300	27.5	43	29	6	33	-	4.5	7.5	4.1	15	15	813	1570
16	LMHM16LUU	182	16	0/-10	28	0/-16	70	0/-300	32	48	34	6	31	22	4.5	7.5	4.1	15	15	1230	2350
20	LMHM20LUU	247	20	0/-12	32	0/-19	80	0/-300	36	54	38	8	36	24	5.5	9	5.1	20	20	1400	2740
25	LMHM25LUU	525	25	0/-12	40	0/-19	112	0/-400	52	62	46	8	40	32	5.5	9	5.1	20	20	1560	3140
30	LMHM30LUU	645	30	0/-12	45	0/-19	123	0/-400	56.5	74	51	10	49	35	6.6	11	6.1	20	20	2490	5490

LM...GA Steel cage

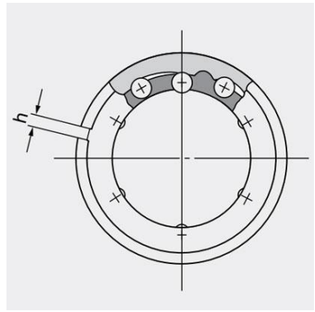
LM...GA-OP

LM...GA-AJ

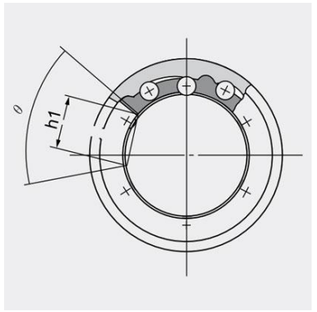
LM...GA



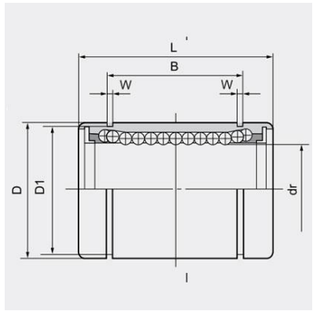
LM...GA



LM...GA-AJ



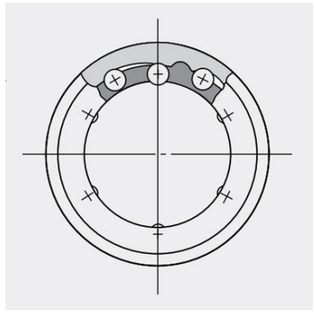
LM...GA-OP



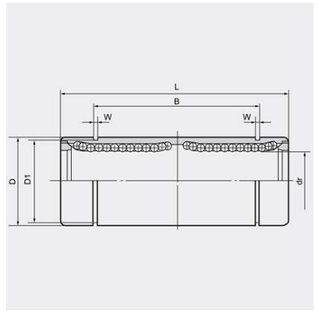
Nominal shaft diameter mm	High temperature resistant cage									dr			Main dimensions and tolerances											Eccentric μm		Maximum radial clearance μm	Rated load	
	Standard type	Number of steel ball trains	Weight (g)	Clearance adjustment type	Number of steel ball trains	Weight (g)	Open type	Number of steel ball trains	Weight (g)	dr mm	dr Tolerance μm Precision	dr Tolerance μm Common	D mm	D Tolerance μm	L mm	L Tolerance μm	B mm	B Tolerance μm	W mm	D1 mm	H mm	H1 mm	θ	Precision	Common		Dynamic load CN	Dead load CoN
6	LM6GA	4	8.9	LM6GA-AJ	4	8.8				6	0/-6	0/-9	12	0/-15	19	0/-200	13.5	0/-200	1.1	11.5	1			8	12	-3	206	265
8	LM8GA	4	17.3	LM8GA-AJ	4	17				8	0/-6	0/-9	15	0/-15	24	0/-200	17.5	0/-200	1.1	14.3	1			8	12	-3	274	392
10	LM10GA	4	32	LM10GA-AJ	4	31.5	LM10GA-OP	3	24	10	0/-6	0/-9	19	0/-13	29	0/-200	22	0/-200	1.3	18	1	6.8	80°	8	12	-4	372	549
12	LM12GA	4	36.7	LM12GA-AJ	4	36.2	LM12GA-OP	3	27.5	12	0/-6	0/-9	21	0/-13	30	0/-200	23	0/-200	1.3	20	1.5	8	80°	8	12	-4	510	784
13	LM13GA	4	50	LM13GA-AJ	4	49	LM13GA-OP	3	37.5	13	0/-6	0/-9	23	0/-13	32	0/-200	23	0/-200	1.3	22	1.5	9	80°	8	12	-4	510	784
16	LM16GA	5	86	LM16GA-AJ	5	85	LM16GA-OP	4	68.8	16	0/-6	0/-9	28	0/-13	37	0/-200	26.5	0/-200	1.6	27	1.5	11	80°	8	12	-6	774	1180
20	LM20GA	5	112	LM20GA-AJ	5	110	LM20GA-OP	4	89.6	20	0/-7	0/-10	32	0/-16	42	0/-200	30.5	0/-200	1.6	30.5	1.5	11	60°	10	15	-6	882	1370
25	LM25GA	6	282	LM25GA-AJ	6	278	LM25GA-OP	5	235	25	0/-7	0/-10	40	0/-16	59	0/-300	41	0/-300	1.85	38	2	12	50°	10	15	-6	980	1570
30	LM30GA	6	326	LM30GA-AJ	6	321	LM30GA-OP	5	271.7	30	0/-7	0/-10	45	0/-16	64	0/-300	44.5	0/-300	1.85	43	2.5	15	50°	10	15	-8	1570	2740
35	LM35GA	6	489	LM35GA-AJ	6	483	LM35GA-OP	5	407.5	35	0/-8	0/-12	52	0/-19	70	0/-300	49.5	0/-300	2.1	49	2.5	17	50°	12	20	-8	1670	3140
40	LM40GA	6	730	LM40GA-AJ	6	724	LM40GA-OP	5	608.3	40	0/-8	0/-12	60	0/-19	80	0/-300	60.5	0/-300	2.1	57	3	20	50°	12	20	-10	2160	4020
50	LM50GA	6	1580	LM50GA-AJ	6	1560	LM50GA-OP	5	1340	50	0/-8	0/-12	80	0/-19	100	0/-300	74	0/-300	2.6	76.5	3	25	50°	12	20	-13	3820	7940
60	LM60GA	6	1860	LM60GA-AJ	6	1820	LM60GA-OP	5	1610	60	0/-9	0/-15	90	0/-22	110	0/-300	85	0/-300	3.15	86.5	3	30	50°	17	25	-13	4700	10000
80	LM80GA	6	4420	LM80GA-AJ	6	4300	LM80GA-OP	5	3650	80	0/-9	0/-15	120	0/-22	140	0/-400	105.5	0/-400	4.15	116	3	40	50°	17	25	-20	7350	16000
100	LM100GA	6	8600	LM100GA-AJ	6	8540	LM100GA-OP	5	7200	100	0/-10	0/-20	150	0/-25	175	0/-400	125.5	0/-400	4.15	145	3	50	50°	20	30	-20	14100	34800

LM...LGA Steel cage

LM...LGA



LM...LGA



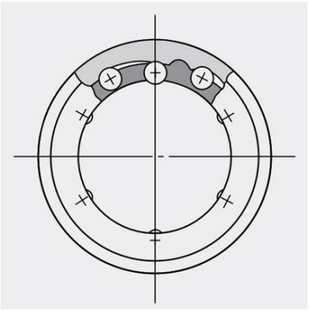
Nominal shaft diameter mm	Standard type	Number of steel ball trains	Main dimensions and tolerances										Eccentric μm	Rated load		Weight (g)
			dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	B mm	B Tolerance μm	W mm	D1 mm		Dynamic load C N	Dead load CO N	
6	LM6LGA	4	6	0/-10	12	0/-13	35	0/-300	27	0/-300	1.1	11.5	15	323	530	18.6
8	LM8LGA	4	8	0/-10	15	0/-13	45	0/-300	35	0/-300	1.1	14.3	15	431	784	35.6
10	LM10LGA	4	10	0/-10	19	0/-16	55	0/-300	44	0/-300	1.3	18	15	588	1100	67
12	LM12LGA	4	12	0/-10	21	0/-16	57	0/-300	46	0/-300	1.3	20	15	813	1570	90.4
13	LM13LGA	4	13	0/-10	23	0/-16	61	0/-300	46	0/-300	1.3	22	15	813	1570	104
16	LM16LGA	5	16	0/-10	28	0/-16	70	0/-300	53	0/-300	1.6	27	15	1230	2350	179
20	LM20LGA	5	20	0/-12	32	0/-19	80	0/-300	61	0/-300	1.6	30.5	20	1400	2740	230
25	LM25LGA	6	25	0/-12	40	0/-19	112	0/-400	82	0/-400	1.85	38	20	1560	3140	564
30	LM30LGA	6	30	0/-12	45	0/-19	123	0/-400	89	0/-400	1.85	43	20	2490	5590	632
35	LM35LGA	6	35	0/-15	52	0/-22	135	0/-400	99	0/-400	2.1	49	25	2650	6270	993
40	LM40LGA	6	40	0/-15	60	0/-22	151	0/-400	121	0/-400	2.1	57	25	3430	8040	1460

LME...GA Steel cage

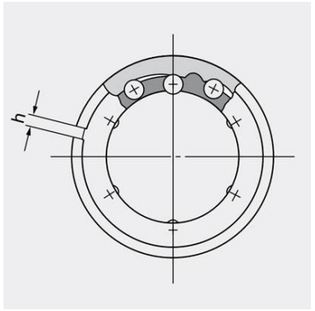
LME...GA-OP

LME...GA-AJ

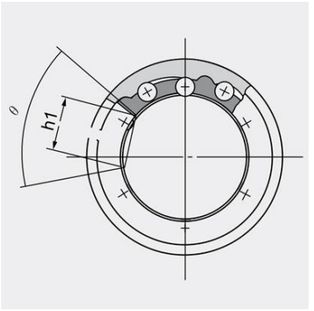
LME...GA



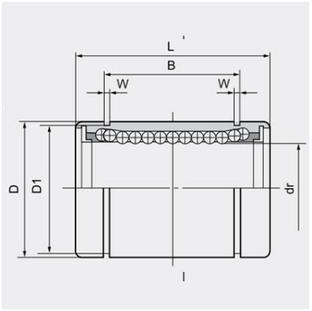
LME...GA



LME...GA-AJ



LME...GA-OP

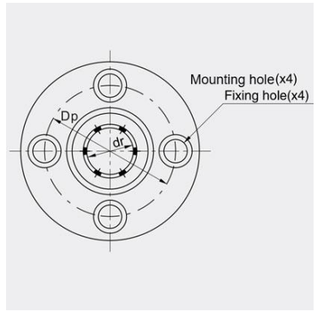


Nominal shaft diameter mm	High temperature resistant cage									dr			Main dimensions and tolerances											Eccentric μm	Maximum radial clearance μm	Rated load	
	Standard type	Number of steel ball trains	Weight (g)	Clearance adjustment type	Number of steel ball trains	Weight (g)	Open type	Number of steel ball trains	Weight (g)	dr mm	Tolerance μm Precision	Tolerance μm Common	D mm	D Tolerance μm	L mm	L Tolerance μm	B mm	B Tolerance μm	W mm	D1 mm	h mm	h1 mm	θ			Dynamic load C N	Dead load Co N
8	LME8GA	4	25.5	LME8GA-AJ	4	24.7				8		+8/0	16	0/-8	25	0/-200	16.5	0/-200	1.1	15.2	1			12	-3	265	402
10	LME10GA	4	32	LME10GA-AJ	4	31.5	LME10GA-OP	3	26.7	10		+8/0	19	0/-9	29	0/-200	22	0/-200	1.3	18	1	6.8	80°	12	-4	372	549
12	LME12GA	4	52.9	LME12GA-AJ	4	51.9	LME12GA-OP	3	39.7	12		+8/0	22	0/-9	32	0/-200	22.9	0/-200	1.3	21	1.5	7.5	78°	12	-4	510	784
16	LME16GA	5	73.5	LME16GA-AJ	5	72.5	LME16GA-OP	4	58.8	16		+9/-1	26	0/-9	36	0/-200	24.9	0/-200	1.3	24.9	1.5	10	78°	12	-4	578	892
20	LME20GA	5	120.3	LME20GA-AJ	5	119.3	LME20GA-OP	4	96.2	20		+9/-1	32	0/-11	45	0/-200	31.5	0/-200	1.6	30.3	2	10	60°	15	-6	862	1370
25	LME25GA	6	271.9	LME25GA-AJ	6	268.9	LME25GA-OP	5	226.6	25		+11/-1	40	0/-11	58	0/-300	44.1	0/-300	1.85	37.5	2	12.5	60°	15	-6	980	1570
30	LME30GA	6	417.3	LME30GA-AJ	6	412.3	LME30GA-OP	5	347.8	30		+11/-1	47	0/-11	68	0/-300	52.1	0/-300	1.85	44.5	2	12.5	50°	15	-8	1570	2740
40	LME40GA	6	894.1	LME40GA-AJ	6	883.1	LME40GA-OP	5	745.1	40		+13/-2	62	0/-13	80	0/-300	60.6	0/-300	2.15	59	3	16.8	50°	17	-8	2160	4020

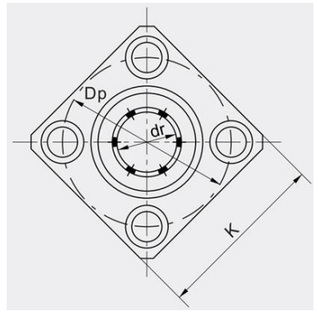
LMF(K)...GA Steel cage

LMK...GA

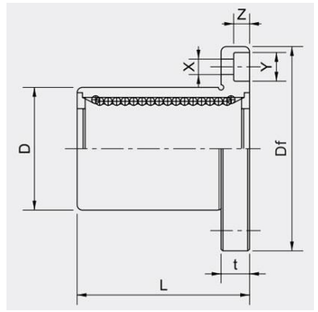
LMF...GA



LMF...GA



LMK...GA

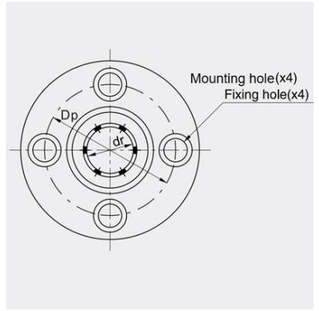


Nominal shaft diameter mm	High temperature resistant cage				Main dimensions and tolerances													Eccentric μm	Verticality μm	Rated load	
	Round flange	Weight (g)	Square flange	Weight (g)	dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Df mm	K mm	t mm	Dp mm	X mm	Y mm	Z mm			Dynamic load C N	Dead load Co N
6	LMF6GA	25.3	LMK6GA	19.3	6	0/-9	12	0/-11	19	±300	28	22	5	20	3.5	6	3.1	12	12	206	265
8	LMF8GA	39.3	LMK8GA	31.3	8	0/-9	15	0/-11	24	±300	32	25	5	24	3.5	6	3.1	12	12	274	392
10	LMF10GA	74.5	LMK10GA	54.5	10	0/-9	19	0/-13	29	0/-200	40	30	6	29	4.5	7.5	4.1	12	12	372	549
12	LMF12GA	81.2	LMK12GA	62.2	12	0/-9	21	0/-13	30	0/-200	42	32	6	32	4.5	7.5	4.1	12	12	510	784
13	LMF13GA	95	LMK13GA	79	13	0/-9	23	0/-13	32	0/-200	43	34	6	33	4.5	7.5	4.1	12	12	510	784
16	LMF16GA	137	LMK16GA	121	16	0/-9	28	0/-13	37	0/-200	48	37	6	38	4.5	7.5	4.1	12	12	774	1180
20	LMF20GA	205	LMK20GA	170	20	0/-10	32	0/-16	42	0/-200	54	42	8	43	5.5	9	5.1	15	15	882	1370
25	LMF25GA	402	LMK25GA	362	25	0/-10	40	0/-16	59	0/-300	62	50	8	51	5.5	9	5.1	15	15	980	1570
30	LMF30GA	546	LMK30GA	451	30	0/-10	45	0/-16	64	0/-300	74	58	10	60	6.6	11	6.1	15	15	1570	2740
35	LMF35GA	749	LMK35GA	659	35	0/-12	52	0/-19	70	0/-300	82	64	10	67	6.6	11	6.1	20	20	1670	3140
40	LMF40GA	1205	LMK40GA	1025	40	0/-12	60	0/-19	80	0/-300	96	75	13	78	9	14	8.1	20	20	2160	4020

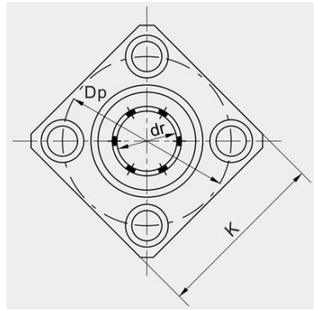
LMF(K)...LGA Steel cage

LMK...LGA

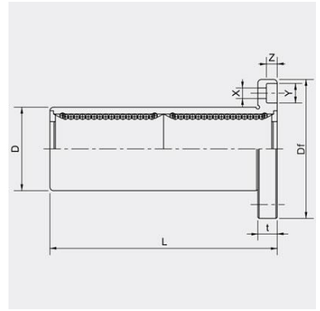
LMF...LGA



LMF...LGA



LMK...LGA

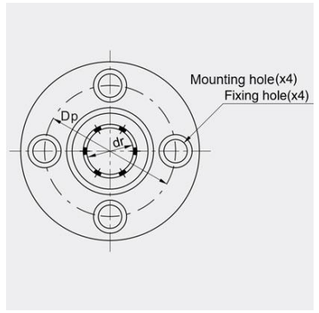


Nominal diameter mm	Extended round flange	Weight (g)	Extended square flange	Weight (g)	Main dimensions and tolerances													Eccentric μm	Verticality μm	Rated load	
					dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Df mm	K mm	t mm	Dp mm	X mm	Y mm	Z mm			Dynamic load C N	Dead load Co N
6	LMF6LGA	33.6	LMK6LGA	27.6	6	0/-10	12	0/-13	35	±300	28	22	5	20	3.5	6	3.1	15	15	323	529
8	LMF8LGA	55.6	LMK8LGA	47.6	8	0/-10	15	0/-13	45	±300	32	25	5	24	3.5	6	3.1	15	15	431	784
10	LMF10LGA	103	LMK10LGA	83	10	0/-10	19	0/-13	55	±300	40	30	6	29	4.5	7.5	4.1	15	15	588	1100
12	LMF12LGA	120.4	LMK12LGA	100.4	12	0/-10	21	0/-16	57	0/-300	42	32	6	32	4.5	7.5	4.1	15	15	813	1570
13	LMF13LGA	144	LMK13LGA	122	13	0/-10	23	0/-16	61	0/-300	43	34	6	33	4.5	7.5	4.1	15	15	813	1570
16	LMF16LGA	224	LMK16LGA	199	16	0/-10	28	0/-16	70	0/-300	48	37	6	38	4.5	7.5	4.1	15	15	1230	2350
20	LMF20LGA	310	LMK20LGA	275	20	0/-12	32	0/-19	80	0/-300	54	42	8	43	5.5	9	5.1	20	20	1400	2740
25	LMF25LGA	664	LMK25LGA	624	25	0/-12	40	0/-19	112	0/-400	62	50	8	51	5.5	9	5.1	20	20	1560	3140
30	LMF30LGA	832	LMK30LGA	742	30	0/-12	45	0/-19	123	0/-400	74	58	10	60	6.6	11	6.1	20	20	2490	5490
35	LMF35LGA	1218	LMK35LGA	1128	35	0/-15	52	0/-22	135	0/-400	82	64	10	67	6.6	11	6.1	25	25	2650	6270
40	LMF40LGA	1860	LMK40LGA	1670	40	0/-15	60	0/-22	151	0/-400	96	75	13	78	9	14	8.1	25	25	3430	8040

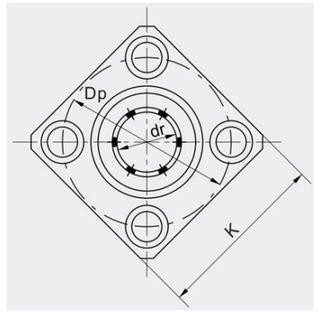
LMEF(K)...GA Steel cage

LMEK...GA

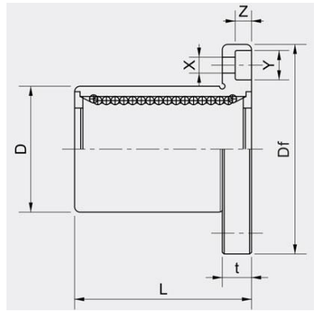
LMEF...GA



LMEF...GA



LMEK...GA

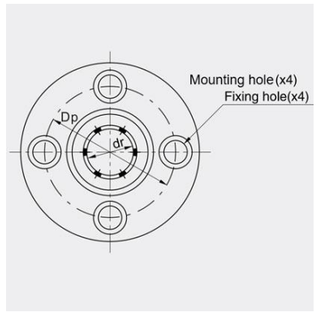


Nominal diameter mm	Round flange	Weight (g)	Square flange	Weight (g)	Main dimensions and tolerances													Eccentric μm	Verticality μm	Rated load	
					dr mm	dr Tolerance μm	D mm	dr Tolerance μm	L mm	L Tolerance mm	Df mm	K mm	t mm	Dp mm	X mm	Y mm	Z mm			Dynamic load C N	Dead load Co N
8	LMEF8GA	46.2	LMEK8GA	38.2	8	+8/0	16	0/-8	25	±300	32	25	5	24	3.5	6	3.1	12	12	265	402
12	LMEF12GA	91.9	LMEK12GA	75.9	12	+8/0	22	0/-9	32	0/-200	42	32	6	32	4.5	7.5	4.1	12	12	510	784
16	LMEF16GA	119.5	LMEK16GA	106.5	16	+9/-1	26	0/-9	36	0/-200	46	35	6	36	4.5	7.5	4.1	12	12	578	892
20	LMEF20GA	211.3	LMEK20GA	176.3	20	+9/-1	32	0/-11	45	0/-300	54	42	8	43	5.5	9	5.1	15	15	862	1370
25	LMEF25GA	393.9	LMEK25GA	351.9	25	+11/-1	40	0/-11	58	0/-300	62	50	8	51	5.5	9	5.1	15	15	980	1570
30	LMEF30GA	652.3	LMEK30GA	557.3	30	+11/-1	47	0/-11	68	0/-300	76	60	10	62	6.6	11	6.1	15	15	1570	2740
40	LMEF40GA	1364	LMEK40GA	1164	40	+13/-2	62	0/-13	80	0/-300	98	75	13	80	9	14	8.1	17	17	2160	4020

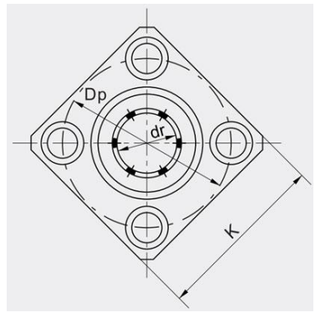
LMEF(K)...LGA Steel cage

LMEK...LGA

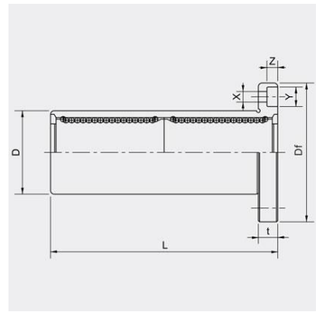
LMEF...LGA



LMEF...LGA



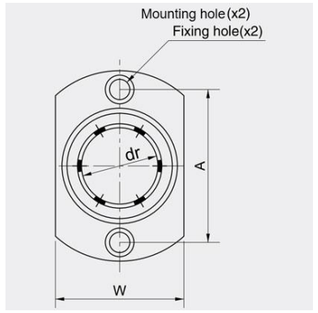
LMEK...LGA



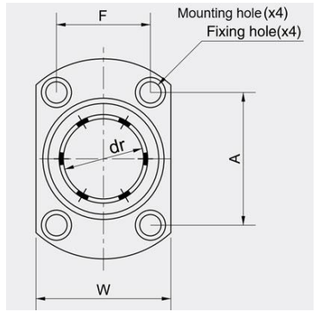
Nominal diameter mm	Extended round flange	Weight (g)	Extended square flange	Weight (g)	Main dimensions and tolerances													Eccentric μm	Verticality μm	Rated load	
					dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance mm	Flange Df mm	Flange K mm	Flange t mm	Flange Dp mm	Flange X mm	Flange Y mm	Flange Z mm			Dynamic load C N	Dead load Co N
8	LMEF8LGA	69.4	LMEK8LGA	61.4	8	-9	16	0/-9	46	±300	32	25	5	24	3.5	6	3.1	15	15	421	804
12	LMEF12LGA	133.8	LMEK12LGA	113.8	12	-9	22	0/-11	61	0/-300	42	32	6	32	4.5	7.5	4.1	15	15	813	1570
16	LMEF16LGA	193	LMEK16LGA	168	16	-11	26	0/-11	68	0/-300	46	35	6	36	4.5	7.5	4.1	15	15	912	1780
20	LMEF20LGA	318.6	LMEK20LGA	283.6	20	-11	32	0/-13	80	0/-300	54	42	8	43	5.5	9	5.1	17	17	1370	2740
25	LMEF25LGA	653.8	LMEK25LGA	613.8	25	-6.5	40	0/-13	112	0/-400	62	50	8	51	5.5	9	5.1	17	17	1570	3140
30	LMEF30LGA	999.6	LMEK30LGA	904.6	30	-6.5	47	0/-13	123	0/-400	76	60	10	62	6.6	11	6.1	17	17	2500	5490
40	LMEF40LGA	2183.2	LMEK40LGA	1978.2	40	-4	62	0/-15	151	0/-400	98	75	13	80	9	14	8.1	20	20	3430	8040

LMH...GA Steel cage

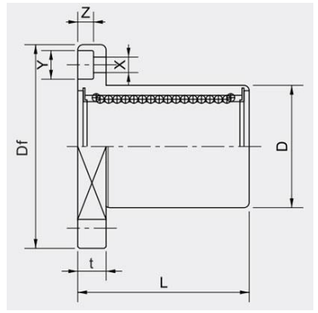
LMH...GA



Shaft diameter ≤ 13mm



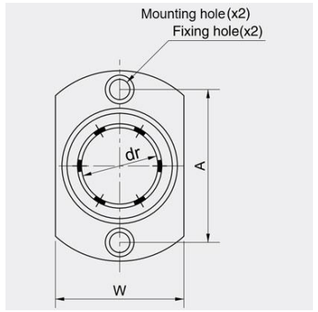
Shaft diameter ≥ 16mm



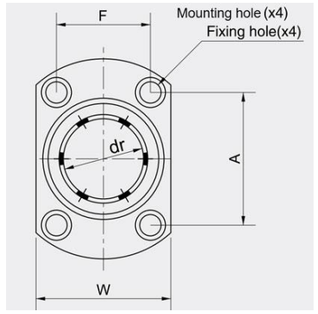
Nominal diameter mm	Oval flange	Weight (g)	Main dimensions and tolerances														Eccentric μm	Verticality μm	Rated load	
			dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Df mm	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm			Dynamic load C N	Dead load Co N
6	LMH6GA	22.3	6	0/-9	12	0/-11	19	±300	28	18	5	20		3.5	6	3.1	12	12	206	265
8	LMH8GA	35.3	8	0/-9	15	0/-11	24	±300	32	21	5	24		3.5	6	3.1	12	12	274	392
10	LMH10GA	65.5	10	0/-9	19	0/-13	29	±300	40	35	6	29		4.5	6	4.1	12	12	372	549
12	LMH12GA	73.2	12	0/-9	21	0/-13	30	0/-200	42	27	6	32		4.5	7.5	4.1	12	12	510	784
13	LMH13GA	88	13	0/-9	23	0/-13	32	0/-200	43	29	6	33		4.5	7.5	4.1	12	12	510	784
16	LMH16GA	129	16	0/-9	28	0/-13	37	0/-200	48	34	6	31	22	4.5	7.5	4.1	12	12	774	1180
20	LMH20GA	192	20	0/-10	32	0/-16	42	0/-200	54	38	8	36	24	5.5	7.5	5.1	15	15	882	1370
25	LMH25GA	387	25	0/-10	40	0/-16	59	0/-300	62	46	8	40	32	5.5	9	5.1	15	15	980	1570
30	LMH30GA	464	30	0/-10	45	0/-16	64	0/-300	74	51	10	49	35	6.6	9	6.1	15	15	1570	2740
35	LMH35GA	679	35	0/-12	52	0/-19	70	0/-300	82	60	10	55	38	6.6	11	6.1	20	20	1670	3140
40	LMH40GA	1065	40	0/-12	60	0/-19	80	0/-300	96	70	13	64	45	9	14	8.1	20	20	2160	4020

LMH...LGA Steel cage

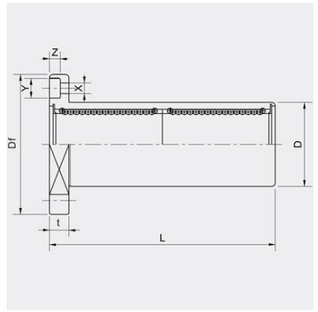
LMH...LGA



Shaft diameter ≤ 13mm

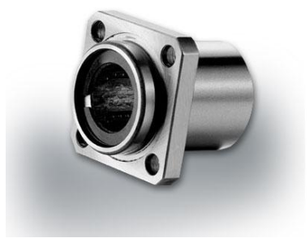


Shaft diameter ≥ 16mm



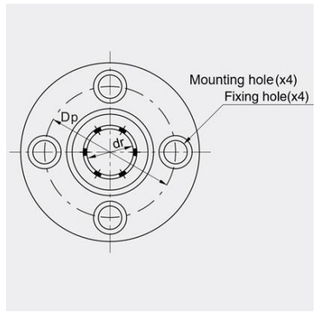
Nominal diameter mm	Oval flange	Weight (g)	Main dimensions and tolerances														Eccentric μm	Verticality μm	Rated load	
			dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance mm	Df mm	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm			Dynamic load C N	Dead load Co N
6	LMH6LGA	30.6	6	0/-10	12	0/-13	35	±300	28	18	5	20		3.5	6	3.1	15	15	323	529
8	LMH8LGA	51.6	8	0/-10	15	0/-13	45	±300	32	21	5	24		3.5	6	3.1	15	15	431	784
10	LMH10LGA	95	10	0/-10	19	0/-16	55	±300	40	25	6	29		4.5	6	4.1	15	15	588	1100
12	LMH12LGA	112.4	12	0/-10	21	0/-16	57	0/-300	42	27	6	32		4.5	7.5	4.1	15	15	813	1570
13	LMH13LGA	137	13	0/-10	23	0/-16	61	0/-300	43	29	6	33		4.5	7.5	4.1	15	15	813	1570
16	LMH16LGA	216	16	0/-10	28	0/-16	70	0/-300	48	34	6	31	22	4.5	7.5	4.1	15	15	1230	2350
20	LMH20LGA	297	20	0/-12	32	0/-19	80	0/-300	54	38	8	36	24	5.5	7.5	5.1	20	20	1400	2740
25	LMH25LGA	649	25	0/-12	40	0/-19	112	0/-400	62	46	8	40	32	5.5	9	5.1	20	20	1560	3140
30	LMH30LGA	797	30	0/-12	45	0/-19	123	0/-400	74	51	10	49	35	6.6	9	6.1	20	20	2490	5490
35	LMH35LGA	1148	35	0/-15	52	0/-22	135	0/-400	82	60	10	55	38	6.6	11	6.1	25	25	2650	6270
40	LMH40LGA	1740	40	0/-15	60	0/-22	151	0/-400	96	70	13	64	45	9	14	8.1	25	25	3430	8040

LMF(K)P...GA Steel cage

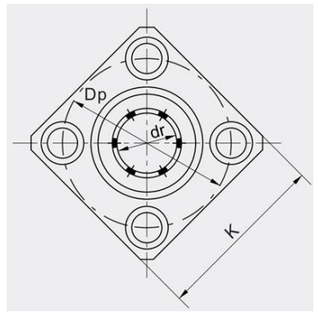


LMKP...GA

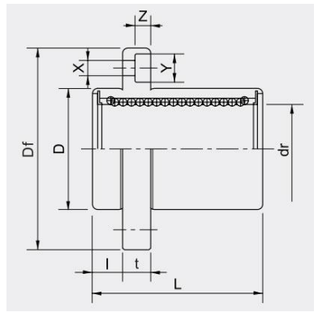
LMFP...GA



LMFP...GA



LMKP...GA

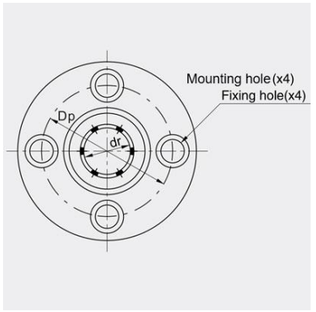


Nominal shaft diameter mm	Guide round flange	Weight (g)	Guide square flange	Weight (g)	Main dimensions and tolerances														Eccentric μm	Verticality μm	Rated load	
					dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Flange I mm	Flange Df mm	Flange K mm	Flange t mm	Flange Dp mm	Flange X mm	Flange Y mm	Flange Z mm			Dynamic load C N	Dead load Co N
6	LMFP6GA	25.3	LMFK6GA	19.3	6	0/-9	12	0/-13	19	±300	5	28	22	5	20	3.5	6	3.1	12	12	206	265
8	LMFP8GA	39.3	LMFK8GA	31.3	8	0/-9	15	0/-13	24	±300	5	32	25	5	24	3.5	6	3.1	12	12	274	392
10	LMFP10GA	74.5	LMFK10GA	54.5	10	0/-9	19	0/-13	29	±300	6	40	30	6	29	4.5	7.5	4.1	12	12	372	549
12	LMFP12GA	81.2	LMFK12GA	62.2	12	0/-9	21	0/-16	30	0/-200	6	42	32	6	32	4.5	7.5	4.1	12	12	510	784
13	LMFP13GA	95	LMFK13GA	79	13	0/-9	23	0/-16	32	0/-200	6	43	34	6	33	4.5	7.5	4.1	12	12	510	784
16	LMFP16GA	137	LMFK16GA	121	16	0/-9	28	0/-16	37	0/-200	6	48	37	6	38	4.5	7.5	4.1	12	12	774	1180
20	LMFP20GA	205	LMFK20GA	170	20	0/-10	32	0/-19	42	0/-200	8	54	42	8	43	5.5	9	5.1	15	15	882	1370
25	LMFP25GA	402	LMFK25GA	362	25	0/-10	40	0/-19	59	0/-300	8	62	50	8	51	5.5	9	5.1	15	15	980	1570
30	LMFP30GA	546	LMFK30GA	451	30	0/-10	45	0/-19	64	0/-300	10	74	58	10	60	6.6	11	6.1	15	15	1570	2740
35	LMFP35GA	789	LMFK35GA	659	35	0/-12	52	0/-22	70	0/-300	10	82	64	10	67	6.6	11	6.1	20	20	1670	3140
40	LMFP40GA	1205	LMFK40GA	1025	40	0/-12	60	0/-22	80	0/-300	13	96	75	13	78	9	14	8.1	20	20	2160	4020

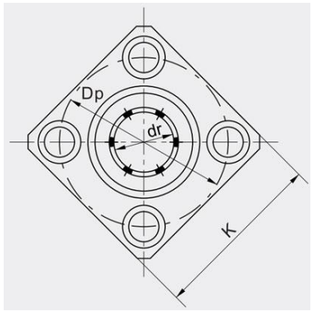
LMF(K)P...LGA Steel cage

LMKP...LGA

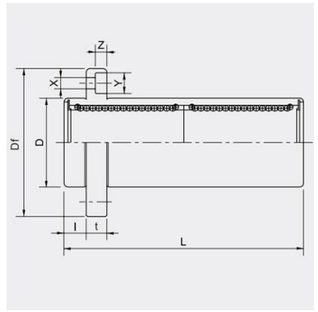
LMFP...LGA



LMFP...LGA



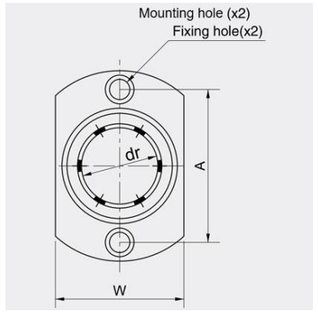
LMKP...LGA



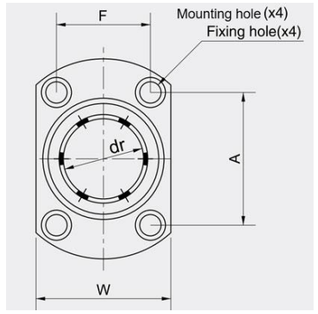
Nominal shaft diameter mm	Extended guide round flange	Weight (g)	Extended guide square flange	Weight (g)	Main dimensions and tolerances														Eccentric μm	Verticality μm	Rated load	
					dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L 公差 μm	Flange I mm	Flange Df mm	Flange K mm	Flange t mm	Flange Dp mm	Flange X mm	Flange Y mm	Flange Z mm			Dynamic load C N	Dead load Co N
6	LMFP6LGA	33.6	LMFK6LGA	27.6	6	0/-10	12	0/-13	35	±300	5	28	22	5	20	3.5	6	3.1	15	15	323	529
8	LMFP8LGA	55.6	LMFK8LGA	47.6	8	0/-10	15	0/-13	45	±300	5	32	25	5	24	3.5	6	3.1	15	15	431	781
10	LMFP10LGA	103	LMFK10LGA	83	10	0/-10	19	0/-13	55	±300	6	40	30	6	29	4.5	7.5	4.1	15	15	588	1100
12	LMFP12LGA	120.4	LMFK12LGA	100.4	12	0/-10	21	0/-16	57	0/-300	6	42	32	6	32	4.5	7.5	4.1	15	15	813	1570
13	LMFP13LGA	144	LMFK13LGA	122	13	0/-10	23	0/-16	61	0/-300	6	43	34	6	33	4.5	7.5	4.1	15	15	813	1570
16	LMFP16LGA	224	LMFK16LGA	199	16	0/-10	28	0/-16	70	0/-300	6	48	37	6	38	4.5	7.5	4.1	15	15	1230	2350
20	LMFP20LGA	310	LMFK20LGA	275	20	0/-12	32	0/-19	80	0/-300	8	54	42	8	43	5.5	9	5.1	20	20	1400	2740
25	LMFP25LGA	664	LMFK25LGA	624	25	0/-12	40	0/-19	112	0/-400	8	62	50	8	51	5.5	9	5.1	20	20	1560	3140
30	LMFP30LGA	832	LMFK30LGA	742	30	0/-12	45	0/-19	123	0/-400	10	74	58	10	60	6.6	11	6.1	20	20	2490	5490
35	LMFP35LGA	1218	LMFK35LGA	1128	35	0/-15	52	0/-22	135	0/-400	10	82	64	10	67	6.6	11	6.1	25	25	2650	6270
40	LMFP40LGA	1860	LMFK40LGA	1670	40	0/-15	60	0/-22	151	0/-400	13	96	75	13	78	9	14	8.1	25	25	3430	8040

LMHP...GA Steel cage

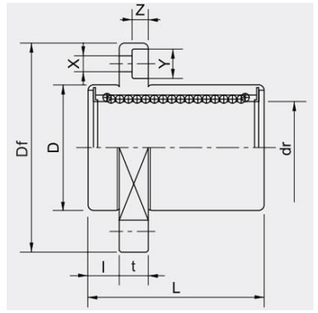
LMHP...GA



Shaft diameter ≤ 13mm



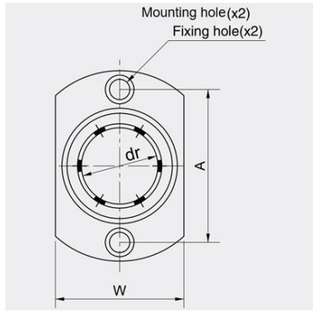
Shaft diameter ≥ 16mm



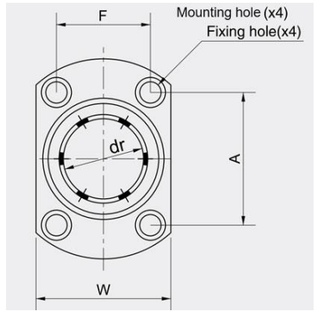
Nominal shaft diameter mm	Guide oval flange	Weight (g)	Main dimensions and tolerances																Eccentric μm	Rated load	
			dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Flange I mm	Flange Df mm	Flange W mm	Flange t mm	Flange A mm	Flange F mm	Flange X mm	Flange Y mm	Flange Z mm	Verticality μm		Dynamic load C N	Dead load Co N
6	LMHP6GA	22.3	6	0/-9	12	0/-13	19	±300	5	28	18	5	20		3.5	6	3.1	12	12	206	265
8	LMHP8GA	35.3	8	0/-9	15	0/-13	24	±300	5	32	21	5	24		3.5	6	3.1	12	12	274	392
10	LMHP10GA	65.5	10	0/-9	19	0/-16	29	±300	6	40	25	6	29		4.5	7.5	4.1	12	12	372	549
12	LMHP12GA	73.2	12	0/-9	21	0/-16	30	0/-200	6	42	27	6	32		4.5	7.5	4.1	12	12	510	784
13	LMHP13GA	88	13	0/-9	23	0/-16	32	0/-200	6	43	29	6	33		4.5	7.5	4.1	12	12	510	784
16	LMHP16GA	129	16	0/-9	28	0/-16	37	0/-200	6	48	34	6	31	22	4.5	7.5	4.1	12	12	774	1180
20	LMHP20GA	192	20	0/-10	32	0/-19	42	0/-200	8	54	38	8	36	24	5.5	9	5.1	15	15	882	1370
25	LMHP25GA	387	25	0/-10	40	0/-19	59	0/-300	8	62	46	8	40	32	5.5	9	5.1	15	15	980	1570
30	LMHP30GA	464	30	0/-10	45	0/-19	64	0/-300	10	74	51	10	49	35	6.6	11	6.1	15	15	1570	2740
35	LMHP35GA	679	35	0/-12	52	0/-22	70	0/-300	10	82	60	10	55	38	6.6	11	6.1	20	20	1670	3140
40	LMHP40GA	1065	40	0/-12	60	0/-22	80	0/-300	13	96	70	13	64	45	9	14	8.1	20	20	2160	4020

LMHP...LGA Steel cage

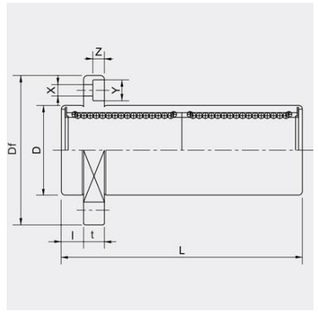
LMHP...LGA



Shaft diameter ≤ 13mm



Shaft diameter ≥ 16mm

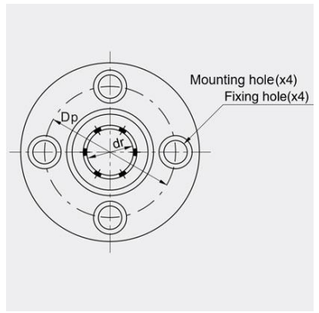


Nominal shaft diameter mm	Extended guide oval flange	Weight (g)	Main dimensions and tolerances															Eccentric μm	Verticality μm	Rated load	
			dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Flange I mm	Flange Df mm	Flange W mm	Flange t mm	Flange A mm	Flange F mm	Flange X mm	Flange Y mm	Flange Z mm			Dynamic load C N	Dead load Co N
6	LMHP6LGA	30.6	6	0/-10	12	0/-13	35	±300	5	28	18	5	20		3.5	6	3.1	15	15	323	529
8	LMHP8LGA	51.6	8	0/-10	15	0/-13	45	±300	5	32	21	5	24		3.5	6	3.1	15	15	431	784
10	LMHP10LGA	95	10	0/-10	19	0/-16	55	±300	6	40	25	6	29		4.5	7.5	4.1	15	15	588	1100
12	LMHP12LGA	112.4	12	0/-10	21	0/-16	57	0/-300	6	42	27	6	32		4.5	7.5	4.1	15	15	813	2570
13	LMHP13LGA	137	13	0/-10	23	0/-16	61	0/-300	6	43	29	6	33		4.5	7.5	4.1	15	15	813	1570
16	LMHP16LGA	216	16	0/-10	28	0/-16	70	0/-300	6	48	34	6	31	22	4.5	7.5	4.1	15	15	1230	2350
20	LMHP20LGA	27	20	0/-12	32	0/-19	80	0/-300	8	54	38	8	36	24	5.5	9	5.1	20	20	1400	2740
25	LMHP25LGA	649	25	0/-12	40	0/-19	112	0/-400	8	62	46	8	40	32	5.5	9	5.1	20	20	1560	3140
30	LMHP30LGA	797	30	0/-12	45	0/-19	123	0/-400	10	74	51	10	49	35	6.6	11	6.1	20	20	2490	5490
35	LMHP35LGA	1148	35	0/-15	52	0/-22	135	0/-400	10	82	60	10	55	38	6.6	11	6.1	25	25	2650	6270
40	LMHP40LGA	1740	40	0/-15	60	0/-22	151	0/-400	13	96	70	13	64	45	9	14	8.1	25	25	3430	8040

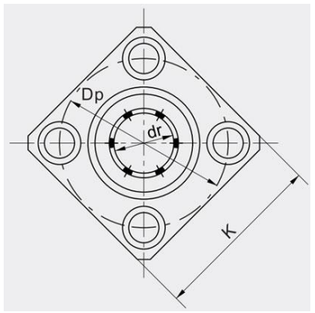
LMF(K)M...LGA Steel cage

LMKM...LGA

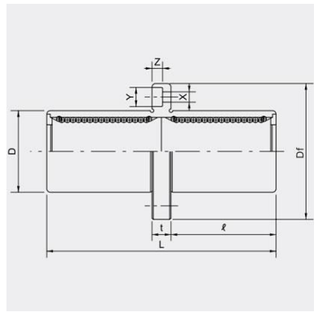
LMFM...LGA



LMFM...LGA



LMKM...LGA

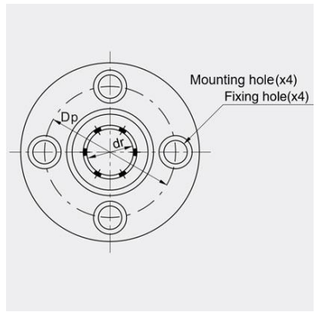


Nominal shaft diameter mm	Extended intermediate round flange	Weight (g)	Extended intermediate square flange	Weight (g)	Main dimensions and tolerances															Eccentric μm	Rated load	
					dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Flange ℓ mm	Flange Df mm	Flange K mm	Flange t mm	Flange Dp mm	Flange X mm	Flange Y mm	Flange Z mm	Verticality μm		Dynamic load C N	Dead load Co N
6	LMFM6LGA	33.6	LMFK6LGA	27.6	6	0/-10	12	0/-13	35	±300	15	28	22	5	20	3.5	6	3.1	15	15	323	529
8	LMFM8LGA	55.6	LMFK8LGA	47.6	8	0/-10	15	0/-13	45	±300	20	32	25	5	24	3.5	6	3.1	15	15	431	781
10	LMFM10LGA	103	LMFK10LGA	83	10	0/-10	19	0/-13	55	±300	24.5	40	30	6	29	4.5	7.5	4.1	15	15	588	1100
12	LMFM12LGA	120.4	LMFK12LGA	100.4	12	0/-10	21	0/-16	57	0/-300	25.5	42	32	6	32	4.5	7.5	4.1	15	15	813	1570
13	LMFM13LGA	144	LMFK13LGA	122	13	0/-10	23	0/-16	61	0/-300	27.5	43	34	6	33	4.5	7.5	4.1	15	15	813	1570
16	LMFM16LGA	224	LMFK16LGA	199	16	0/-10	28	0/-16	70	0/-300	32	48	37	6	38	4.5	7.5	4.1	15	15	1230	2350
20	LMFM20LGA	310	LMFK20LGA	275	20	0/-12	32	0/-19	80	0/-300	36	54	42	8	43	5.5	9	5.1	20	20	1400	2740
25	LMFM25LGA	664	LMFK25LGA	624	25	0/-12	40	0/-19	112	0/-400	52	62	50	8	51	5.5	9	5.1	20	20	1560	3140
30	LMFM30LGA	832	LMFK30LGA	742	30	0/-12	45	0/-19	123	0/-400	56.5	74	58	10	60	6.6	11	6.1	20	20	2490	5490
35	LMFM35LGA	1218	LMFK35LGA	1128	35	0/-15	52	0/-22	135	0/-400	62.5	82	64	10	67	6.6	11	6.1	25	25	2650	6270
40	LMFM40LGA	1860	LMFK40LGA	1670	40	0/-15	60	0/-22	151	0/-400	69	96	75	13	78	9	14	8.1	25	25	3430	8040

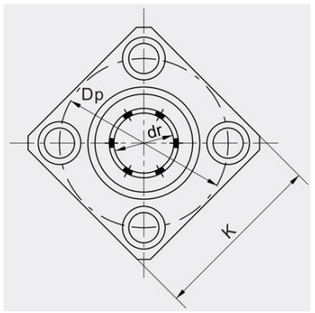
LMEF(K)M...LGA Steel cage

LMEKM...LGA

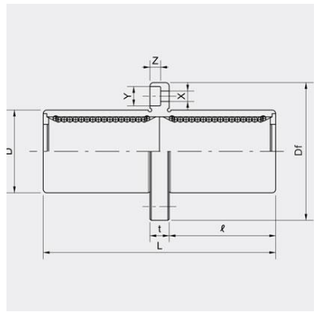
LMEFM...LGA



LMEFM...LGA



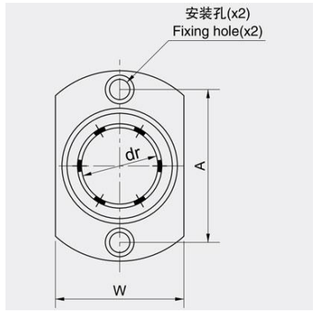
LMEKM...LGA



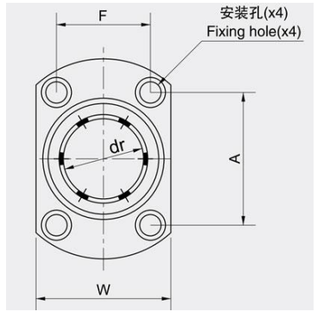
Nominal shaft diameter mm	Extended intermediate round flange	Weight (g)	Extended intermediate square flange	Weight (g)	Main dimensions and tolerances														Eccentric μm	Verticality μm	Rated load	
					dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Flange ℓ mm	Flange Df mm	Flange K mm	Flange t mm	Flange Dp mm	Flange X mm	Flange Y mm	Flange Z mm			Dynamic load C N	Dead load Co N
8	LMEFM8LGA	69.4	LMEFK8LGA	61.4	8	+9/-1	16	0/-9	46	±300	20.5	32	25	5	24	3.5	6	3.1	15	15	421	804
12	LMEFM12LGA	133.8	LMEFK12LGA	113.8	12	+9/-1	22	0/-11	61	0/-300	27.5	42	32	6	32	4.5	7.5	4.1	15	15	813	1570
16	LMEFM16LGA	193	LMEFK16LGA	168	16	+11/-1	26	0/-11	68	0/-300	31	46	35	6	36	4.5	7.5	4.1	15	15	912	1780
20	LMEFM20LGA	318.6	LMEFK20LGA	283.6	20	+11/-1	32	0/-13	80	0/-300	36	54	42	8	43	5.5	9	5.1	17	17	1370	2740
25	LMEFM25LGA	653.8	LMEFK25LGA	613.8	25	+13/-2	40	0/-13	112	0/-400	52	62	50	8	51	5.5	9	5.1	17	17	1570	3140
30	LMEFM30LGA	999.6	LMEFK30LGA	904.6	30	+13/-2	47	0/-13	123	0/-400	56.5	76	60	10	62	6.6	11	6.1	17	17	2500	5490
40	LMEFM40LGA	2183.2	LMEFK40LGA	1978.2	40	+16/-4	62	0/-15	151	0/-400	69	98	75	13	80	9	14	8.1	20	20	3430	8040

LMHM...LGA Steel cage

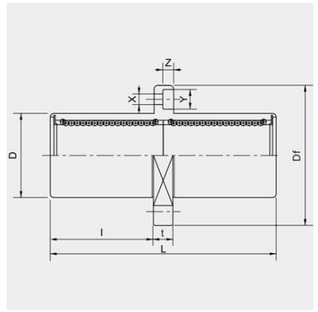
LMHM...LGA



Shaft diameter ≤ 13mm



Shaft diameter ≥ 16mm



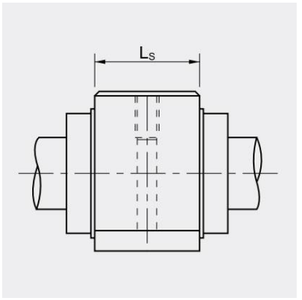
Nominal shaft diameter mm	Extended intermediate oval flange	Weight (g)	Main dimensions and tolerances															Eccentric μm	Verticality μm	Rated load	
			dr mm	dr Tolerance μm	D mm	D Tolerance μm	L mm	L Tolerance μm	Flange I mm	Flange Df mm	Flange W mm	Flange t mm	Flange A mm	Flange F mm	Flange X mm	Flange Y mm	Flange Z mm			Dynamic load C N	Dead load Co N
6	LMHM6LGA	30.6	6	0/-10	12	0/-13	35	±300	15	28	18	5	20		3.5	6	3.1	15	15	323	529
8	LMHM8LGA	51.6	8	0/-10	15	0/-13	45	±300	20	32	21	5	24		3.5	6	3.1	15	15	431	784
10	LMHM10LGA	95	10	0/-10	19	0/-16	55	±300	24.5	40	25	6	29		4.5	7.5	4.1	15	15	588	1100
12	LMHM12LGA	112.4	12	0/-10	21	0/-16	57	0/-300	25.5	42	27	6	32		4.5	7.5	4.1	15	15	813	1570
13	LMHM13LGA	137	13	0/-10	23	0/-16	61	0/-300	27.5	43	29	6	33		4.5	7.5	4.1	15	15	813	1570
16	LMHM16LGA	216	16	0/-10	28	0/-16	70	0/-300	32	48	34	6	31	22	4.5	7.5	4.1	15	15	1230	2350
20	LMHM20LGA	297	20	0/-12	32	0/-19	80	0/-300	36	54	38	8	36	24	5.5	9	5.1	20	20	1400	2740
25	LMHM25LGA	649	25	0/-12	40	0/-19	112	0/-400	52	62	46	8	40	32	5.5	9	5.1	20	20	1560	3140
30	LMHM30LGA	797	30	0/-12	45	0/-19	123	0/-400	56.5	74	51	10	49	35	6.6	11	6.1	20	20	2490	5490
35	LMHM35LGA	1148	35	0/-15	52	0/-22	135	0/-400	62.5	82	60	10	55	38	6.6	11	6.1	25	25	2650	6270
40	LMHM40LGA	1740	40	0/-15	60	0/-22	151	0/-400	69	96	70	13	64	45	9	14	8.1	25	25	3430	8040

SC、SC...L、SC...S Series

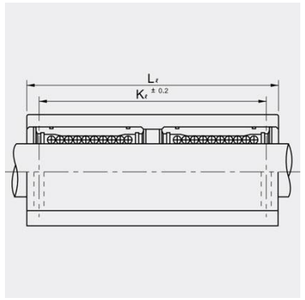
SC..SUU

SC..LUU

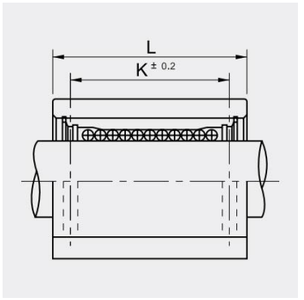
SC..UU



SC..UU



SC..LUU

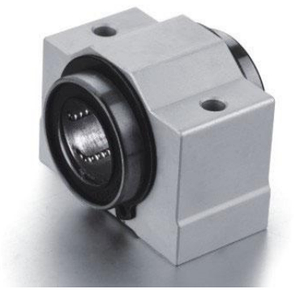


SC..SUU

Standard type		Rated load		Weight (g)	Extended type		Rated load		Weight (g)	size (mm)															
Model	Built in bearing	Dynamic load C N	Dead load Co N		Model	Built in bearing	Dynamic load C N	Dead load Co N		Shaft diameter	General dimensions mm h	General dimensions mm D	General dimensions mm W	General dimensions mm H	General dimensions mm G	General dimensions mm A	General dimensions mm J	General dimensions mm E	General dimensions mm S1×I	General dimensions mm S2	SC...UU K	SC...UU L	SC...LUU Kl	SC...LUU Ll	SC...SUU Ls
SC8UU	LM8UU	274	392	56	SC8LUU	2×LM8UU	431	784	94	φ8	11	17	34	22	18	6	24	5	M4×8	φ3.4	18	30	42	58	15.4
SC10UU	LM10UU	372	549	90	SC10LUU	2×LM10UU	588	1100	147	φ10	13	20	40	26	21	8	28	6	M5×12	φ4.3	21	35	46	68	19.5
SC12UU	LM12UU	510	784	112	SC12LUU	2×LM12UU	813	1570	220	φ12	15	21	42	28	24	8	30.5	5.75	M5×12	φ4.3	26	36	50	70	20.5
SC13UU	LM13UU	510	784	123	SC13LUU	2×LM13UU	813	1570	245	φ13	15	22	44	30	24.5	8	33	55	M5×12	φ4.3	26	39	50	75	20.5
SC16UU	LM16UU	774	1180	189	SC16LUU	2×LM16UU	1230	2350	376	φ16	19	25	50	38.5	32.5	9	36	7	M5×12	φ4.3	34	44	60	85	23.5
SC20UU	LM20UU	882	1370	237	SC20LUU	2×LM20UU	1410	2740	476	φ20	21	27	54	41	35	11	40	7	M6×12	φ5.2	40	50	70	96	27.4
SC25UU	LM25UU	980	1570	555	SC25LUU	2×LM25UU	1610	3140	1115	φ25	26	38	76	51.5	42	12	54	11	M8×18	φ7.0	50	67	100	130	37.4
SC30UU	LM30UU	1570	2740	685	SC30LUU	2×LM30UU	2450	5490	1375	φ30	30	39	78	59.5	49	15	58	10	M8×18	φ7.0	58	72	110	140	40.9
SC35UU	LM35UU	1670	3140	1100	SC35LUU	2×LM35UU	2650	6270	2200	φ35	34	45	90	68	54	18	70	10	M8×18	φ7.0	60	80	120	155	45.4
SC40UU	LM40UU	2160	4020	1600	SC40LUU	2×LM40UU	3430	8040	3200	φ40	40	51	102	78	62	20	80	11	M10×25	φ8.7	60	90	140	175	56.4
SC50UU	LM50UU	3820	7940	3350	SC50LUU	2×LM50UU	6080	15900	6720	φ50	52	61	122	102	80	25	100	11	M10×25	φ8.7	80	110	160	215	68.9

Short type		Rated load		Weight (g)	size (mm)														
Model	Built in bearing	Dynamic load C N	Dead load Co N		Shaft diameter	General dimensions mm h	General dimensions mm D	General dimensions mm W	General dimensions mm H	General dimensions mm G	General dimensions mm A	General dimensions mm J	General dimensions mm E	General dimensions mm S1×I	General dimensions mm S2	SC...UU K	SC...UU L	SC...LUU Kl	SC...LUU Ll	SC...SUU Ls
SC8SUU	LM8UU	260	400	36	φ8	11	17	34	22	18	6	24	5	M4×8	φ3.4	18	30	42	58	15.4
SC10SUU	LM10UU	370	540	63	φ10	13	20	40	26	21	8	28	6	M5×12	φ4.3	21	35	46	68	19.5
SC12SUU	LM12UU	410	590	74	φ12	15	21	42	28	24	8	30.5	5.75	M5×12	φ4.3	26	36	50	70	20.5
SC13SUU	LM13UU	500	770	85	φ13	15	22	44	30	24.5	8	33	55	M5×12	φ4.3	26	39	50	75	20.5
SC16SUU	LM16UU	770	1170	132	φ16	19	25	50	38.5	32.5	9	36	7	M5×12	φ4.3	34	44	60	85	23.5
SC20SUU	LM20UU	860	1370	170	φ20	21	27	54	41	35	11	40	7	M6×12	φ5.2	40	50	70	96	27.4
SC25SUU	LM25UU	980	1560	405	φ25	26	38	76	51.5	42	12	54	11	M8×18	φ7.0	50	67	100	130	37.4
SC30SUU	LM30UU	1560	2740	495	φ30	30	39	78	59.5	49	15	58	10	M8×18	φ7.0	58	72	110	140	40.9
SC35SUU	LM35UU	1660	3130	790	φ35	34	45	90	68	54	18	70	10	M8×18	φ7.0	60	80	120	155	45.4
SC40SUU	LM40UU	2150	4010	1220	φ40	40	51	102	78	62	20	80	11	M10×25	φ8.7	60	90	140	175	56.4
SC50SUU	LM50UU	3820	7930	2300	φ50	52	61	122	102	80	25	100	11	M10×25	φ8.7	80	110	160	215	68.9

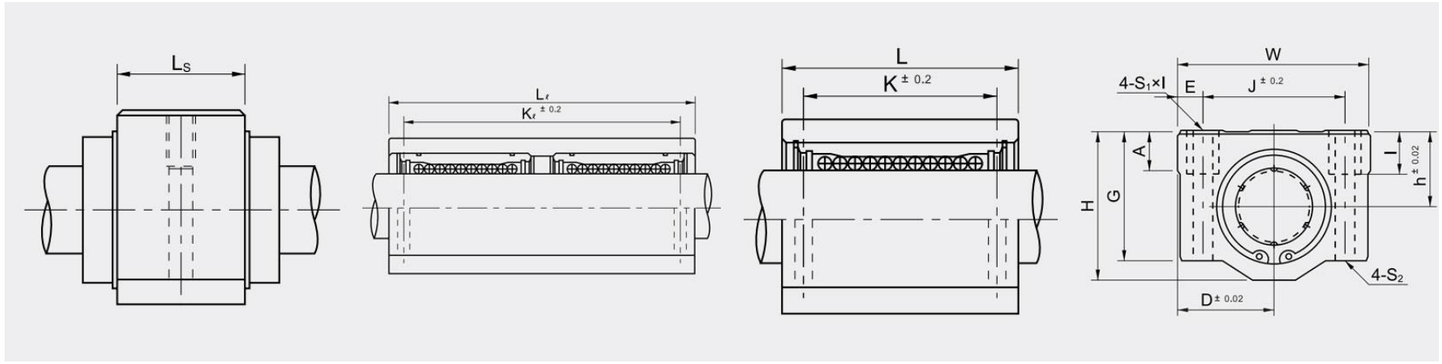
➢ SCE、SCE-L、SCE...S Series



SCE..SUU

SCE.LUU

SCE..UU



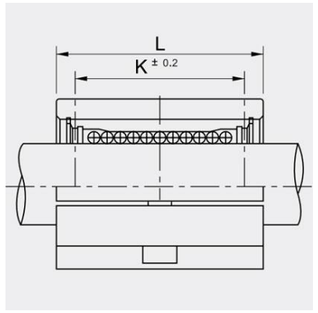
SCE..UU SCE.LUU SCE..SUU

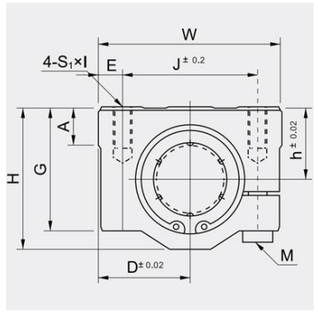
Standard type		Rated load		Weight (g)	Extended type		Rated load		Weight (g)	Size (mm)														
Model	Built in bearing	Dynamic load C N	Dead load Co N		Model	Built in bearing	Dynamic load C N	Dead load Co N		Shaft diameter	General dimensions mm h	General dimensions mm D	General dimensions mm W	General dimensions mm H	General dimensions mm G	General dimensions mm A	General dimensions mm J	General dimensions mm E	General dimensions mm S1×I	General dimensions mm S2	SC...UU K	SC...UU L	SC...LUU Kl	SC...LUU Ll	SC...SUU Ls
SCE8UU	LME8UU	260	400	60	SCE8LUU	2×LME8UU	410	800	98	φ8	11	17	34	22	18	6	24	5	M4×8	φ3.4	18	30	42	58	14.4
SCE12UU	LME12UU	410	590	118	SCE12LUU	2×LME12UU	650	1180	232	φ12	15	22	44	30	24	8	33	55	M5×10	φ4.3	26	39	64	77	20.3
SCE16UU	LME16UU	770	1170	180	SCE16LUU	2×LME16UU	1230	2340	360	φ16	19	25	50	38.5	32.5	9	36	7	M5×12	φ4.3	34	44	79	89	22.3
SCE20UU	LME20UU	860	1370	245	SCE20LUU	2×LME20UU	1370	2740	490	φ20	21	27	54	41	35	11	40	7	M6×12	φ5.2	40	53	90	106	28.3
SCE25UU	LME25UU	980	1560	550	SCE25LUU	2×LME25UU	1560	3120	1100	φ25	26	38	76	51.5	41	12	54	11	M8×18	φ6.8	50	67	119	136	40.4
SCE30UU	LME30UU	1560	2740	760	SCE30LUU	2×LME30UU	2490	5480	1525	φ30	30	39	78	59.5	49	15	58	10	M8×18	φ6.8	58	76	132	154	48.4
SCE40UU	LME40UU	2150	4010	1700	SCE40LUU	2×LME40UU	3440	8020	3400	φ40	40	51	102	78	62	20	80	11	M10×25	φ8.6	60	90	150	180	56.4
SCE50UU	LME50UU	3820	7930	2950	SCE50LUU	2×LME50UU	6110	15860	5920	φ50	52	61	122	102	80	24	100	11	M10×25	φ8.6	80	110	200	230	72.3

Short type		Rated load		Weight (g)	Size (mm)														
Model	Built in bearing	Dynamic load C N	Dead load Co N		Shaft diameter	General dimensions mm h	General dimensions mm D	General dimensions mm W	General dimensions mm H	General dimensions mm G	General dimensions mm A	General dimensions mm J	General dimensions mm E	General dimensions mm S1×I	General dimensions mm S2	SC...UU K	SC...UU L	SC...LUU Kl	SC...LUU Ll	SC...SUU Ls
SCE8SUU	LME8UU	260	400	40	φ8	11	17	34	22	18	6	24	5	M4×8	φ3.4	18	30	42	58	14.4
SCE12SUU	LME12UU	410	590	82	φ12	15	22	44	30	24	8	33	55	M5×10	φ4.3	26	39	64	77	20.3
SCE16SUU	LME16UU	770	1170	122	φ16	19	25	50	38.5	32.5	9	36	7	M5×12	φ4.3	34	44	79	89	22.3
SCE20SUU	LME20UU	860	1370	176	φ20	21	27	54	41	35	11	40	7	M6×12	φ5.2	40	53	90	106	28.3
SCE25SUU	LME25UU	980	1560	400	φ25	26	38	76	51.5	41	12	54	11	M8×18	φ6.8	50	67	119	136	40.4
SCE30SUU	LME30UU	1560	2740	570	φ30	30	39	78	59.5	49	15	58	10	M8×18	φ6.8	58	76	132	154	48.4
SCE40SUU	LME40UU	2150	4010	1320	φ40	40	51	102	78	62	20	80	11	M10×25	φ8.6	60	90	150	180	56.4
SCE50SUU	LME50UU	3820	7930	1900	φ50	52	61	122	102	80	24	100	11	M10×25	φ8.6	80	110	200	230	72.3

SCJ Series

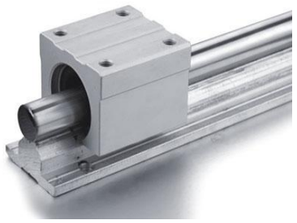
SCJ





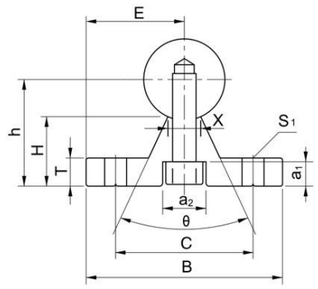
Model	Built in bearing	Rated load		Shaft diameter	Size												Weight(g)
		Dynamic load	Dead load		h	D	W	H	G	A	J	E	S1xI	K	L	M	
SCJ10UU	LM10UUAJ	372	549	10	13	20	40	26	21	8	28	6	M5×12	21	35	M5	90
SCJ12UU	LM12UUAJ	510	784	12	15	21	42	28	24	8	30.5	5.75	M5×12	26	36	M5	112
SCJ13UU	LM13UUAJ	510	784	13	15	22	44	30	24.5	8	33	5.5	M5×12	26	39	M5	123
SCJ16UU	LM16UUAJ	774	1180	16	19	25	50	38.5	32.5	9	36	7	M5×12	34	44	M5	189
SCJ20UU	LM20UUAJ	882	1370	20	21	27	54	41	35	11	40	7	M6×12	40	50	M5	237
SCJ25UU	LM25UUAJ	980	1570	25	26	38	76	51.5	42	12	54	11	M8×18	50	67	M6	555
SCJ30UU	LM30UUAJ	1570	2740	30	30	39	78	59.5	49	15	58	10	M8×18	58	72	M6	685
SCJ35UU	LM35UUAJ	1670	3140	35	34	45	90	68	54	18	70	10	M8×18	60	80	M6	1100
SCJ40UU	LM40UUAJ	2160	4020	40	40	51	102	78	62	20	80	11	M10×25	60	90	M8	1600
SCJ50UU	LM50UUAJ	3820	7940	50	52	61	122	102	80	25	100	11	M10×25	80	110	M8	3350

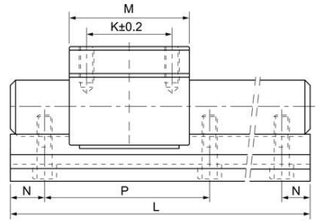
SBR、SBR...S Series



SBR..S

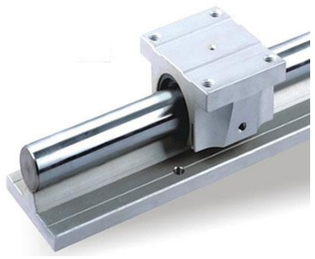
SBR



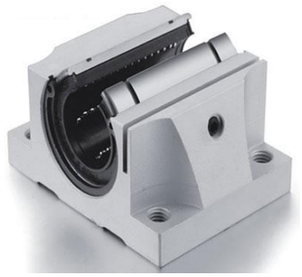


Model		Shaft diameter	Rated load		Weight(g)		Size mm					Model	Size mm												Model	Size mm											Matching linear bearing			Weight (g)
Support rail unit	Box type unit ★★		Dynamic load C N	Dead load Co N	Box type unit (g)	Rail (g)	D	h2	H	E	θ		W	G	A	B	T	M	S1xL	J	K	S2	C	N	P		h2	D	W	M	G	h1	θ	K	S1	I	A	Model	Rated load		
																																									Dynamic load C N	Dead load Co N	
SBR10SA	SBR10UU	φ10	380	560	65	1260	12.5	15	33	2	80°	SBR10SA	36	24	7	32	4	32	M5×10	25	20	φ4.5	22	15	120																
SBR12SA	SBR12UU	φ12	510	780	100	1880	14	17	37.4	3	80°	SBR12SA	40	27.6	8	34	4.5	39	M5×10	28	26	φ4.5	25	15	120																
SBR16SA	SBR16UU	φ16	770	1170	150	2560	22.5	20	45	2.5	80°	SBR16SA	45	33	9	40	5	45	M5×12	32	30	φ5.5	30	20	150	SBR16LUU	20	22.5	45	85	33	11	80°	60	M5	12	9	2×LM16UUOP	1540	2360	300
SBR20SA	SBR20UU	φ20	860	1370	200	3500	24	23	50	1.5	60°	SBR20SA	48	39	11	45	5	50	M5×12	35	35	φ5.5	30	20	150	SBR20LUU	23	24	48	96	39	11	60°	70	M6	12	11	2×LM20UUOP	1764	2740	400
SBR25SA	SBR25UU	φ25	980	1560	450	5300	30	27	60	2.5	50°	SBR25SA	60	47	14	55	6	65	M5×12	40	40	φ6.6	35	25	200	SBR25LUU	27	30	60	130	47	12	50°	100	M6	12	14	2×LM25UUOP	1960	3140	900
SBR30SA	SBR30UU	φ30	1560	2740	630	7380	35	33	70	5	50°	SBR30SA	70	56	15	60	7	70	M5×18	50	50	φ6.6	40	25	200	SBR30LUU	33	35	70	140	56	15	50°	110	M8	18	15	2×LM30UUOP	3140	5480	1260
SBR35SA	SBR35UU	φ35	1660	3130	920	10050	40	37	80	7.5	50°	SBR35SA	80	63	18	65	8	80	M5×18	55	55	φ9.0	45	30	200	SBR35LUU	37	40	80	155	63	17	50°	130	M8	18	18	2×LM35UUOP	3340	6360	1840
SBR40SA	SBR40UU	φ40	2150	4010	1330	13100	45	42	90	7.5	50°	SBR40SA	90	72	20	75	9	90	M5×20	65	65	φ9.0	55	30	200	SBR40LUU	42	45	90	175	72	20	50°	140	M10	20	20	2×LM40UUOP	4320	8040	2660
SBR50SA	SBR50UU	φ50	3820	7930	3000	20650	60	53	115	12.5	50°	SBR50SA	120	92	25	95	11	110	M5×20	94	80	φ11	70	35	200																

TBR、TBR...S Series



TBR..S



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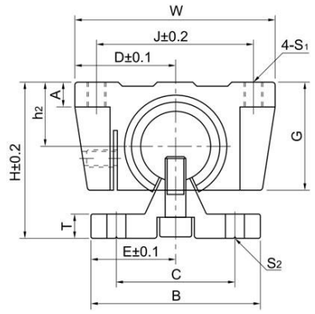
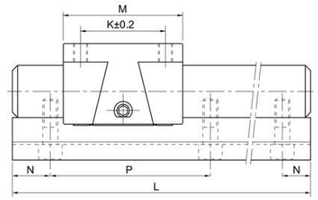
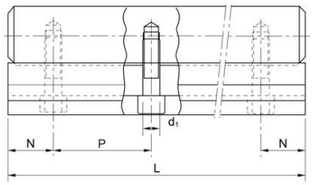
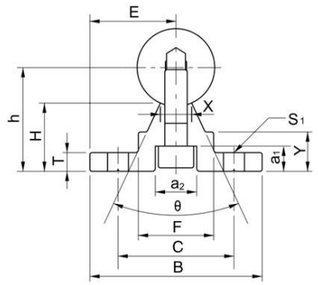




Model		Shaft diameter	Rated load		weight (g)		Size (mm)				Model	Size(mm)												
Support rail unit	Box type unit **		Dynamic load C N	Dead load Co N	Box type Unit (g)	Rail	D	h	H	E		W	G	A	B	T	M	S1	J	K	S2	C	N	P
TBR16S	TBR16UU	16	392	490	180	2450	31	22	40	25	TBR16S	62	26	8	50	6	42	M5	50	30	5.5	37	20	150
TBR20S	TBR20UU	20	784	1176	300	3600	34	29	50	27.5	TBR20S	68	31	10	55	8	51	M6	54	37	5.5	40	20	150
TBR25S	TBR25UU	25	1568	2352	600	5600	41	32	60	32.5	TBR25S	82	41	12	65	10	65	M8	65	50	6.6	45	25	200
TBR30S	TBR30UU	30	1764	2940	900	8000	45.5	36.5	70	37.5	TBR30S	91	48	12	75	12	75	M8	75	60	6.6	55	25	200

SBS Series

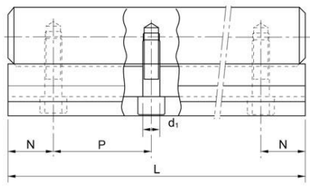


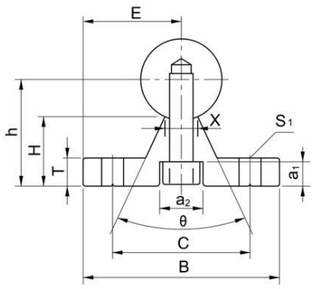


SBS

Model	Shaft diameter	Size mm														Weight (g)	Standard length L	N	P	Maximum length
		E	h	B	H	T	F	X	Y	C	θ	S1	a1	a2	d1					
SBS16A	φ16	20	25	40	17.8	5	18.5	8	11.7	30	80°	φ5.5	6	9.5	5.5	2560	190/340/640/940	20	150	1390/4000
SBS20A	φ20	22.5	27	45	17.7	5	19	8	10	30	50°	φ5.5	6.5	11	6.6	3500	340/640/940/1240	20	150	1390/4000
SBS25A	φ25	27.5	33	55	21	6	21.5	8	12	35	50°	φ6.6	6.5	11	6.6	5300	250/450/850/1250	25	200	1850/4000
SBS30A	φ30	30	37	60	22.8	7	26.5	10.3	13	40	50°	φ6.6	8.5	14	9	7380	450/850/1250/1450	25	200	1850/4000
SBS35A	φ35	32.5	43	65	26.5	8	28	13	15.5	45	50°	φ9.0	8.5	14	9	9680	46/660/860/1060	30	200	1860/4000
SBS40A	φ40	37.5	48	75	29.4	9	38	16	17	55	50°	φ9.0	8.5	14	9	12690	460/660/860/1060/1260	30	200	1860/4000
SBS50A	φ50	47.5	62	95	38.8	11	45	20	21	70	50°	φ11	12.5	19	11	20460	470/670/870/1070/1270	35	200	2070/4000

TBS Series



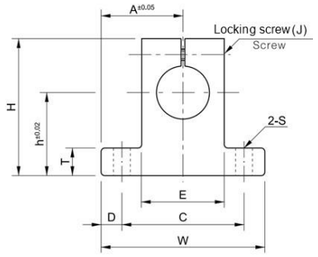


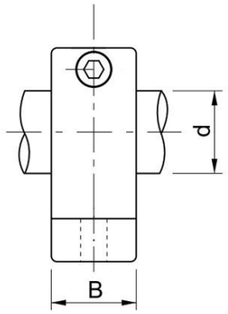
TBS

Model	Shaft diameter	Size mm											Weight(g)	Standard length L	N	P	Maximum length
		E	h	B	H	T	X	C	θ	S1	a1	a2	d1				
TBS16A	16	25	22	50	14.84	6	8	37	60°	5.5	6	9.5	5.5	2660	190/340/640/940	20	150	1390/4000
TBS20A	20	27.5	29	55	19.64	8	8	40	50°	5.5	6.5	11	6.6	4230	340/640/940/1,240	20	150	1390/4000
TBS25A	25	32.5	32	65	20	10	8	45	50°	6.6	6.5	11	6.6	5850	250/450/850/1,250	25	200	1850/4000
TBS30A	30	37.5	36.5	75	22.28	12	10.3	55	50°	6.6	8.5	14	9	8280	450/850/1,250/1,450	25	200	1850/4000

SH Series

SH(SK)

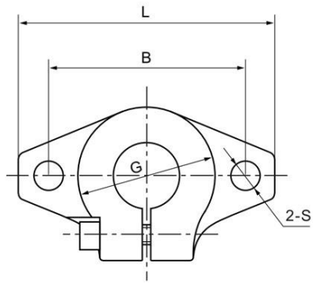


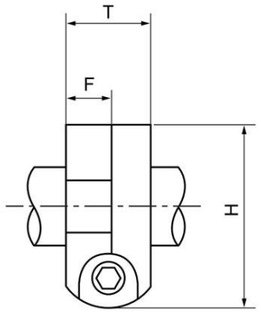


Model	Shaft diameter	Size(mm)											Weight(g)
		h	A	W	H	T	E	D	C	B	S	J	
SH8	φ8	20	21	42	32.8	6	18	5	32	14	φ5.5	M4	24
SH10	φ10	20	21	42	32.8	6	18	5	32	14	φ5.5	M4	24
SH12	φ12	23	21	42	37.5	6	20	5	32	14	φ5.5	M4	30
SH13	φ13	23	21	42	37.5	6	20	5	32	14	φ5.5	M4	30
SH16	φ16	27	24	46	44	8	25	5	38	16	φ5.5	M4	40
SH20	φ20	31	30	60	51	10	30	7.5	45	20	φ6.6	M5	70
SH25	φ25	35	35	70	60	12	38	7	56	24	φ6.6	M6	130
SH30	φ30	42	42	84	70	12	44	10	64	28	φ9	M6	180
SH35	φ35	50	49	98	82	15	50	12	74	32	φ11	M8	270
SH40	φ40	60	57	114	96	15	60	12	90	36	φ11	M8	420
SH50	φ50	70	63	126	120	18	74	13	100	40	φ14	M12	750
SH60	φ60	80	74	148	136	18	90	14	120	45	φ14	M12	1100

SHF Series

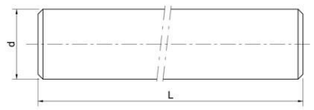
SHF





Model	Nominal diameter	Size(mm)							Mounting bolt model	Model of supporting bolt	Weight(g)
		L	T	F	B	G	H	S			
SHF10	φ10	43	10	5	32	20	24	5.5	M5	M4	13
SHF12	φ12	47	13	7	36	25	28	5.5	M5	M4	20
SHF13	φ13	47	13	7	36	25	28	5.5	M5	M4	20
SHF16	φ16	50	16	8	40	28	31	5.5	M5	M4	27
SHF20	φ20	60	20	8	48	34	37	7	M6	M5	40
SHF25	φ25	70	25	10	56	40	42	7	M6	M5	60
SHF30	φ30	80	30	12	64	46	50	9	M8	M6	110
SHF35	φ35	92	35	14	72	50	58	12	M10	M8	380
SHF40	φ40	102	40	16	80	56	67	12	M10	M10	510
SHF50	φ50	122	50	19	96	70	83	14	M12	M12	890
SHF60	φ60	140	60	23	112	82	95	14	M12	M12	1500

SF Series



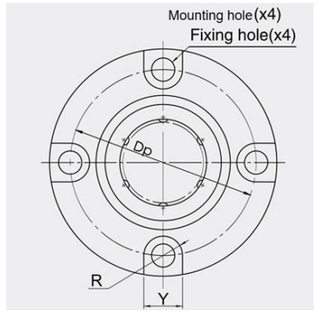
SF

Model	Nominal diameter		Size(mm)												
	d mm	Tolerance μm	100	200	300	400	500	600	700	800	1000	1200	1300	1500	2000
SF6	φ6	-0.012	○	○	○	○	◎	–	–	–	–	–	–	–	–
SF8	φ8	-0.005/-0.014	○	○	○	○	◎	–	–	–	–	–	–	–	–
SF10	φ10	-0.005/-0.014	○	○	○	○	○	○	○	○	◎	◎	○	◎	–
SF12	φ12	-0.006/-0.017	–	○	○	○	○	○	○	○	◎	◎	○	◎	–
SF13	φ13	-0.006/-0.017	–	○	○	○	○	○	○	○	◎	◎	○	◎	–
SF16	φ16	-0.006/-0.017	–	○	○	○	○	○	○	○	◎	◎	○	◎	–
SF20	φ20	-0.007/-0.020	–	○	○	○	○	○	○	○	◎	◎	○	◎	◎
SF25	φ25	-0.007/-0.020	–	○	○	○	○	○	○	○	◎	◎	○	◎	◎
SF30	φ30	-0.007/-0.020	–	–	○	○	○	○	○	○	◎	◎	○	◎	◎
SF35	φ35	-0.009/-0.025	–	–	–	–	○	○	○	○	◎	◎	○	◎	◎
SF40	φ40	-0.009/-0.025	–	–	–	–	○	○	○	○	◎	◎	○	◎	◎
SF50	φ50	-0.009/-0.025	–	–	–	–	○	○	○	○	◎	◎	○	◎	◎
SF60	φ60	-0.0010/-0.029	–	–	–	–	–	–	–	–	◎	◎	○	◎	◎
SF60	φ80	-0.0010/-0.029	–	–	–	–	–	–	–	–	◎	◎	○	◎	◎

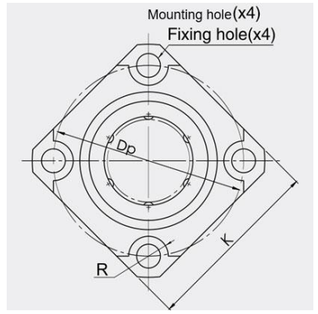
LMSF(K) Series

LMSK...UU

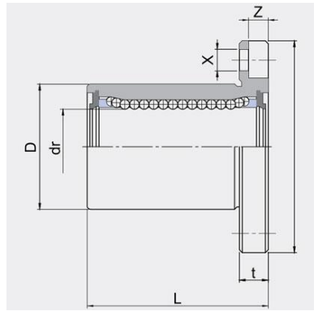
LMSF...UU



LMSF...UU



LMSK...UU

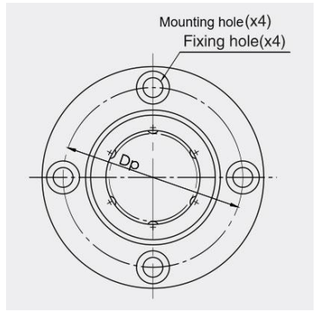


Nominal shaft diameter mm	Compact round flange LMSF...UU	Weight (g)	Compact square flange LMSK...UU	Weight (g)	Number of steel ball trains	Main dimensions and tolerances							Flange								Eccentric μm	Verticality μm	Rated load	
dr						dr mm	dr μm	D mm	D No surface treatment μm	D With surface treatment μm	L mm	L μm	Df mm	K mm	t mm	Dp mm	X mm	Y mm	Z mm	R mm			Dynamic load C N	Dead load Co N
6	LMSF6UU	15.9	LMSK6UU	11.9	6	6	0/-9	10	0/-13	0/-18	19	±300	25	20	5	19	3.5	6	3.1	3	12	12	131	155
8	LMSF8UU	23.7	LMSK8UU	18.7	6	8	0/-9	13	0/-13	0/-18	24	±300	28	23	5	22	3.5	6	3.1	3	12	12	235	277
10	LMSF10UU	47.9	LMSK10UU	36.9	6	10	0/-9	17	0/-16	0/-21	29	±300	35	27	6	27	4.5	7.5	4.1	3.75	12	12	368	433
12	LMSF12UU	56	LMSK12UU	42	6	12	0/-9	19	0/-16	0/-21	30	0/-200	38	29	6	30	4.5	7.5	4.1	3.75	12	12	381	449
16	LMSF16UU	98	LMSK16UU	79	6	16	0/-9	26	0/-16	0/-21	37	0/-200	44	34	6	36	4.5	7.5	4.1	3.75	12	12	608	716

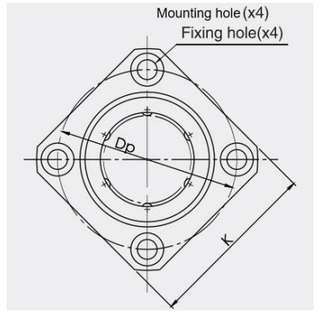
LMSF(K)...L Series

LMSK...LUU

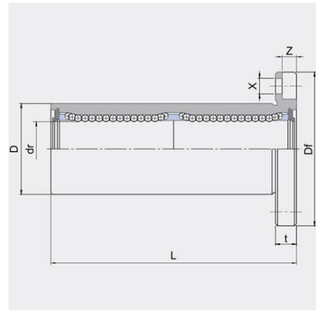
LMSF...LUU



LMSF...LUU

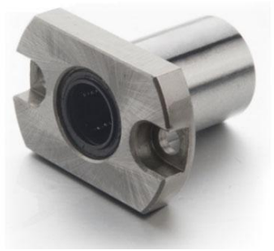


LMSK...LUU

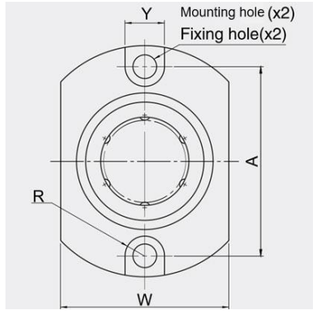


Nominal shaft diameter (mm)	Compact extension round flange LMSF...LUU	Weight (g)	Compact extension square flange LMSK...LUU	Weight (g)	Number of steel ball trains	Main dimensions and tolerances							Flange size								Eccentric μm	Verticality μm	Rated load	
						dr mm	dr μm	D mm	D No surface treatment μm	D With surface treatment μm	L mm	L μm	Df mm	K mm	t mm	Dp mm	X mm	Y mm	Z mm	R mm			Dynamic load C N	Dead load Co N
6	LMSF6LUU	19.3	LMSK6LUU	15.3	6	6	0/-10	10	0/-13	0/-18	35	±300	25	20	5	19	3.5	6	3.1	3	15	15	206	309
8	LMSF8LUU	30.9	LMSK8LUU	26.9	6	8	0/-10	13	0/-13	0/-18	45	±300	28	23	5	22	3.5	6	3.1	3	15	15	383	555
10	LMSF10LUU	69	LMSK10LUU	58	6	10	0/-10	17	0/-16	0/-21	55	±300	35	27	6	27	4.5	7.5	4.1	3.75	15	15	585	867
12	LMSF12LUU	78	LMSK12LUU	65	6	12	0/-10	19	0/-16	0/-21	57	0/-300	38	29	6	30	4.5	7.5	4.1	3.75	15	15	608	899
16	LMSF16LUU	155	LMSK16LUU	136	6	16	0/-10	26	0/-16	0/-21	70	0/-300	44	34	6	36	4.5	7.5	4.1	3.75	15	15	965	1431

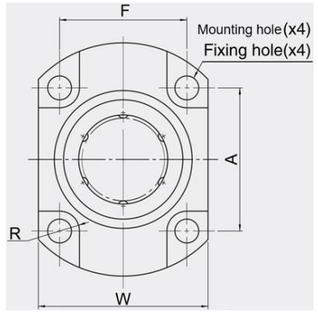
LMSH Series



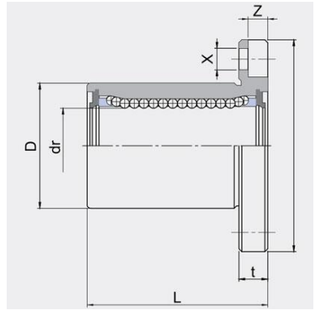
LMSH...UU



Shaft diameter ≤ 12mm



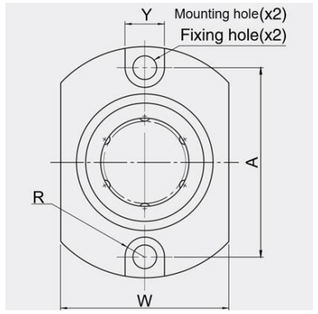
Shaft diameter ≥ 16mm



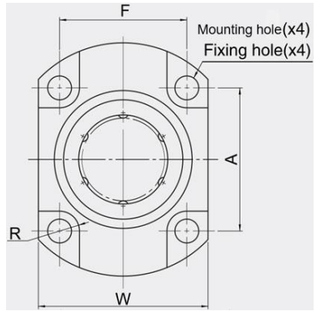
Nominal shaft diameter mm	Compact oval flange LMSH...UU	Weight (g)	Number of steel ball trains	Main dimensions and tolerances							Flange size									Eccentric μm	Verticality μm	Rated load	
				dr mm	dr μm	D mm	D No surface treatment μm	D With surface treatment μm	L mm	L μm	Df mm	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm	R mm			Dynamic load C N	Dead load Co N
6	LMSH6UU	12.9	6	6	0/-9	10	0/-13	0/-18	19	±300	25	16	5	19	-	3.5	6	3.1	3	12	12	131	155
8	LMSH8UU	20.7	6	8	0/-9	13	0/-13	0/-18	24	±300	28	19	5	22	-	3.5	6	3.1	3	12	12	235	277
10	LMSH10UU	41.9	6	10	0/-9	17	0/-16	0/-21	29	±300	35	23	6	27	-	4.5	7.5	4.1	3.75	12	12	368	433
12	LMSH12UU	47	6	12	0/-9	19	0/-16	0/-21	30	0/-200	38	25	6	30	-	4.5	7.5	4.1	3.75	12	12	381	433
16	LMSH16UU	85	6	16	0/-9	26	0/-16	0/-21	37	0/-200	44	32	6	27	24	4.5	7.5	4.1	3.75	12	12	608	716

LMSH...L Series

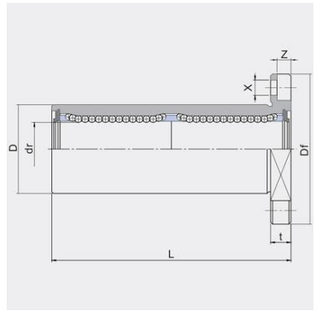
LMSH..LUU



Shaft diameter ≤ 12mm



Shaft diameter ≥ 16mm

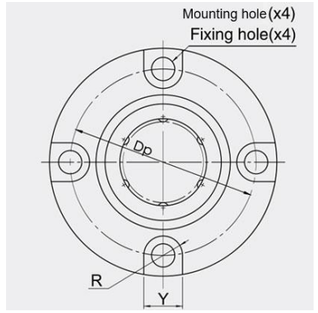


Nominal shaft diameter mm	Compact extended oval flange LMSH...LUU	Weight (g)	Number of steel ball trains	Main dimensions and tolerances							Flange size									Eccentric μm	Verticality μm	Rated load	
				dr mm	dr μm	D mm	D No surface treatment μm	D With surface treatment μm	L mm	L μm	Df mm	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm	R mm			Dynamic load C N	Dead load Co N
6	LMSH6LUU	16.3	6	6	0/-10	10	0/-13	0/-18	35	±300	25	16	5	19	-	3.5	6	3.1	3	15	15	206	309
8	LMSH8LUU	27.9	6	8	0/-10	13	0/-13	0/-18	45	±300	28	19	5	22	-	3.5	6	3.1	3	15	15	383	555
10	LMSH10LUU	63	6	10	0/-10	17	0/-16	0/-21	55	±300	35	23	6	27	-	4.5	7.5	4.1	3.75	15	15	585	867
12	LMSH12LUU	70	6	12	0/-10	19	0/-16	0/-21	57	0/-300	38	25	6	30	-	4.5	7.5	4.1	3.75	15	15	608	899
16	LMSH16LUU	142	6	16	0/-10	26	0/-16	0/-21	70	0/-300	44	32	6	27	24	4.5	7.5	4.1	3.75	15	15	965	1431

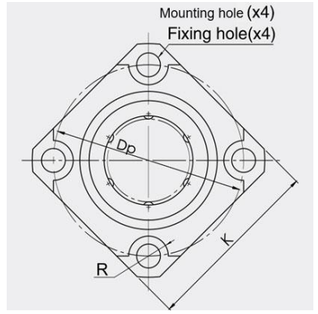
LMSF(K)P Series

LMSKP...UU

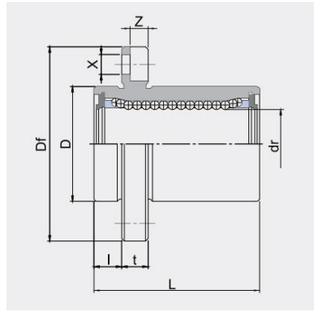
LMSFP...UU



LMSFP...UU



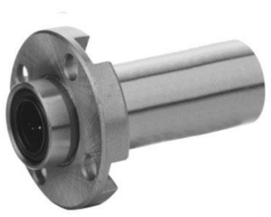
LMSKP...UU



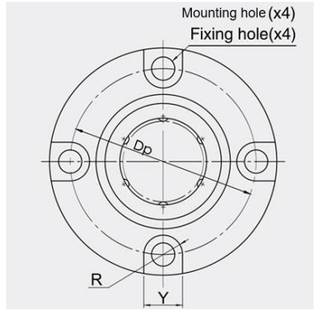
Nominal shaft diameter mm	Compact pilot round flange LMSFP...UU	Weigh t (g)	Compact pilot square flange LMSKP...UU	Weigh t (g)	Number of steel ball trains	Main dimensions and tolerances						Flange size									Eccentric µm	Verticality µm	Rated load	
						dr m m	dr µm	D m m	D µm	L m m	L µm	I mm	Df mm	K mm	t mm	Dp mm	X mm	Y mm	Z mm	R mm			Dynamic load C N	Dead load Co N
6	LMSFP6UU	15.9	LMSKP6UU	11.9	6	6	0/-9	10	0/-13	19	±300	5	25	20	5	19	3.5	6	3.1	3	12	12	131	155
8	LMSFP8UU	23.7	LMSKP8UU	18.7	6	8	0/-9	13	0/-13	24	±300	5	28	23	5	22	3.5	6	3.1	3	12	12	235	277
10	LMSFP10UU	47.9	LMSKP10UU	36.9	6	10	0/-9	17	0/-16	29	±300	6	35	27	6	27	4.5	7.5	4.1	3.75	12	12	368	433
12	LMSFP12UU	56	LMSKP12UU	42	6	12	0/-9	19	0/-16	30	0/-200	6	38	29	6	30	4.5	7.5	4.1	3.75	12	12	381	449
16	LMSFP16UU	98	LMSKP16UU	79	6	16	0/-9	26	0/-16	37	0/-200	6	44	34	6	36	4.5	7.5	4.1	3.75	12	12	608	716

LMSF(K)P...L Series

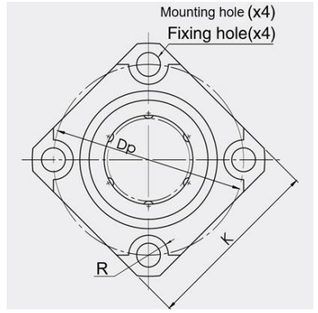
LMSKP...LUU



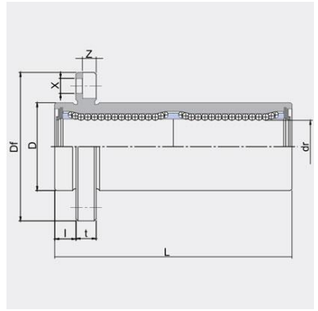
LMSFP...LUU



LMSFP...LUU



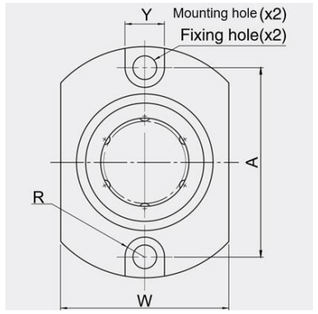
LMSKP...LUU



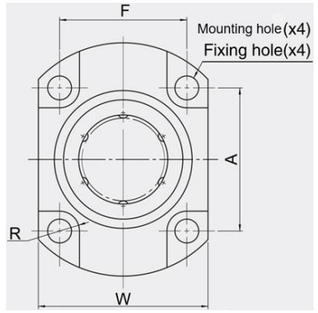
Nominal shaft diameter	Compact extended pilot round flange	Weight	Compact extended pilot square flange	Weight	Number of steel ball trains	Main dimensions and tolerances						Flange									Eccentric	Verticality	Rated load	
						dr mm	Tolerance	D mm	Tolerance	L mm	Tolerance	I mm	Df mm	K mm	t mm	Dp mm	X mm	Y mm	Z mm	R mm			Dynamic load	Dead load
6	LMSFP6LUU	19.3	LMSKP6LUU	15.3	6	6	0/-10	10	0/-13	35	±300	5	25	20	5	19	3.5	6	3.1	3	15	15	206	309
8	LMSFP8LUU	30.9	LMSKP8LUU	26.9	6	8	0/-10	13	0/-13	45	±300	5	28	23	5	22	3.5	6	3.1	3	15	15	383	555
10	LMSFP10LUU	69	LMSKP10LUU	58	6	10	0/-10	17	0/-16	55	±300	6	35	27	6	27	4.5	7.5	4.1	3.75	15	15	585	867
12	LMSFP12LUU	78	LMSKP12LUU	65	6	12	0/-10	19	0/-16	57	0/-300	6	38	29	6	30	4.5	7.5	4.1	3.75	15	15	608	899
16	LMSFP16LUU	155	LMSKP16LUU	136	6	16	0/-10	26	0/-16	70	0/-300	6	44	34	6	36	4.5	7.5	4.1	3.75	15	15	965	1431

LMSHP Series

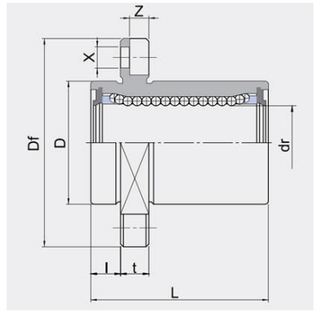
LMSHP...UU



Shaft diameter ≤ 12mm



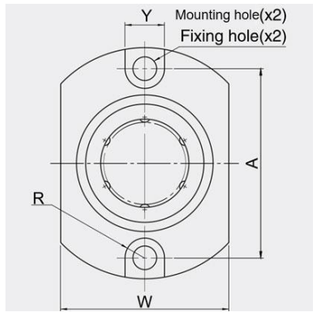
Shaft diameter ≥ 16mm



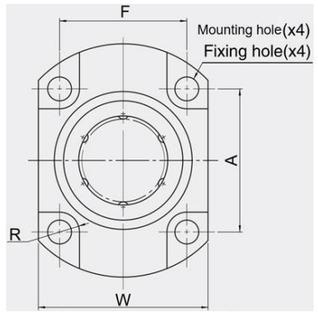
Nominal shaft diameter mm	Compact pilot oval flange LMSHP...UU	Weight (g)	Number of steel ball trains	Main dimensions and tolerances						Flange										Eccentric μm	Verticality μm	Rated load	
				dr mm	dr μm	D mm	D μm	L mm	L μm	I mm	Df mm	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm	R mm			Dynamic load C N	Dead load Co N
6	LMSHP6UU	12.9	6	6	0/-9	10	0/-13	19	±300	5	25	16	5	19	-	3.5	6	3.1	3	12	12	131	155
8	LMSHP8UU	20.7	6	8	0/-9	13	0/-13	24	±300	5	28	19	5	22	-	3.5	6	3.1	3	12	12	235	277
10	LMSHP10UU	41.9	6	10	0/-9	17	0/-16	29	±300	6	35	23	6	27	-	4.5	7.5	4.1	3.75	12	12	368	433
12	LMSHP12UU	47	6	12	0/-9	19	0/-16	30	0/-200	6	38	25	6	30	-	4.5	7.5	4.1	3.75	12	12	381	449
16	LMSHP16UU	85	6	16	0/-9	26	0/-16	37	0/-200	6	44	32	6	27	24	4.5	7.5	4.1	3.75	12	12	608	716

LMSHP...L Series

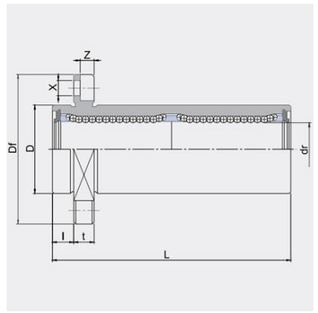
LMSHP...LUU



Shaft diameter ≤ 13mm

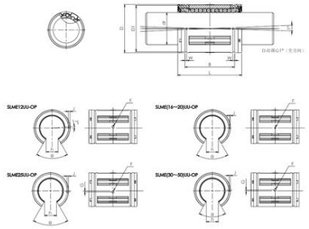


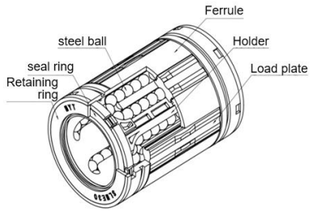
Shaft diameter ≥ 16mm

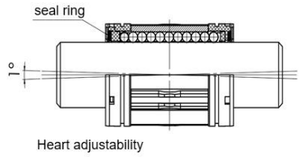


Nominal shaft diameter	Compact extended pilot oval flange	Weight	Number of steel ball trains	Main dimensions and tolerances						Flange										Eccentric	Verticality	Rated load	
				dr mm	Tolerance	D mm	Tolerance	L mm	Tolerance	I mm	Df mm	W mm	t mm	A mm	F mm	X mm	Y mm	Z mm	R mm			Dynamic load	Dead load
6	LMSHP6LUU	16.3	6	6	0/-10	10	0/-13	35	±300	5	25	16	5	19	-	3.5	6	3.1	3	15	15	206	309
8	LMSHP8LUU	27.9	6	8	0/-10	13	0/-13	45	±300	5	28	19	5	22	-					15	15	383	555
10	LMSHP10LUU	63	6	10	0/-10	17	0/-16	55	±300	6	35	23	6	27	-	4.5	7.5	4.1	3.75	15	15	585	867
12	LMSHP12LUU	70	6	12	0/-10	19	0/-16	57	0/-300	6	38	25	6	30	-					15	15	608	899
16	LMSHP16LUU	142	6	16	0/-10	26	0/-16	70	0/-300	6	44	32	6	27	24					15	15	965	1431

LBBR...UU Series

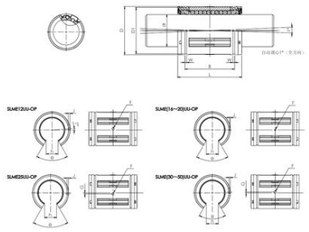


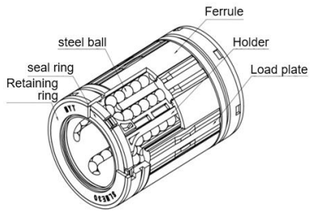


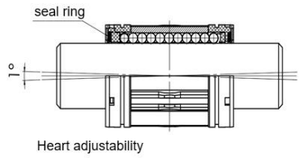


Nominal shaft diameter	Nylon holder						Main dimensions and tolerances														Rated load	
	Standard type	Number of steel ball trains	Weight (g)	Open type	Number of steel ball trains	Weight (g)	dr mm	dr Tolerance μm	D mm	L mm	L Tolerance μm	B mm	B Tolerance μm	W mm	D1 mm	Open type h	Open type θ	Open type F	Open type G	Open type J	Dynamic load CN	Dead load CoN
8	LBBR8UU	4	7.2	-	-	-	8	+8/0	16	25	±200	16.5	0/-200	1.1	15.2	-	-	-	-	-	423	534
10	LBBR10UU	5	13.9	-	-	-	10	+8/0	19	29	±200	22	0/-200	1.3	18	-	-	-	-	-	750	935
12	LBBR12UU	5	21	LBBR12UU-OP	4	16.3	12	+8/0	22	32	±200	22.9	0/-200	1.3	21	6.5	66°	3	-	0.7	1020	1290
16	LBBR16UU	5	26	LBBR16UU-OP	4	21	16	+9/-1	26	36	±200	24.9	0/-200	1.3	24.9	9	68°	3	-	1	1250	1550
20	LBBR20UU	6	54	LBBR20UU-OP	5	45	20	+9/-1	32	45	±200	31.5	0/-200	1.6	30.3	9	55°	3	-	1	2090	2630
25	LBBR25UU	6	122	LBBR25UU-OP	5	102	25	+11/-1	40	58	±200	44.1	0/-300	1.85	37.5	11.5	57°	3	1.5	1.5	3780	4720
30	LBBR30UU	6	193	LBBR30UU-OP	5	161	30	+11/-1	47	68	±200	52.1	0/-300	1.85	44.5	14	57°	3	2	1.7	5470	6810
40	LBBR40UU	6	354	LBBR40UU-OP	5	295	40	+13/-2	62	80	±200	60.6	0/-300	2.15	59	19.5	56°	3	1.5	2.4	6590	8230
50	LBBR50UU	6	615	LBBR50UU-OP	5	518	50	+13/-2	75	100	±200	77.6	0/-300	2.65	72	22.5	54°	5	2.5	2.7	10800	13500

LBBR...UU-OP Series







Nominal shaft diameter	Nylon holder						Main dimensions and tolerances													Rated load	
	Standard type	Number of steel ball trains	Weight (g)	Open type	Number of steel ball trains	Weight (g)	dr mm	dr Tolerance μm	D mm	L mm	L Tolerance μm	B mm	B Tolerance μm	W mm	D1 mm	Open type h	Open type θ	Open type F	Open type G	Open type J	Dynamic load CN	Dead load CoN
8	LBBR8UU	4	7.2	-	-	-	8	+8/0	16	25	±200	16.5	0/-200	1.1	15.2	-	-	-	-	-	423	534
10	LBBR10UU	5	13.9	-	-	-	10	+8/0	19	29	±200	22	0/-200	1.3	18	-	-	-	-	-	750	935
12	LBBR12UU	5	21	LBBR12UU-OP	4	16.3	12	+8/0	22	32	±200	22.9	0/-200	1.3	21	6.5	66°	3	-	0.7	1020	1290
16	LBBR16UU	5	26	LBBR16UU-OP	4	21	16	+9/-1	26	36	±200	24.9	0/-200	1.3	24.9	9	68°	3	-	1	1250	1550
20	LBBR20UU	6	54	LBBR20UU-OP	5	45	20	+9/-1	32	45	±200	31.5	0/-200	1.6	30.3	9	55°	3	-	1	2090	2630
25	LBBR25UU	6	122	LBBR25UU-OP	5	102	25	+11/-1	40	58	±200	44.1	0/-300	1.85	37.5	11.5	57°	3	1.5	1.5	3780	4720
30	LBBR30UU	6	193	LBBR30UU-OP	5	161	30	+11/-1	47	68	±200	52.1	0/-300	1.85	44.5	14	57°	3	2	1.7	5470	6810
40	LBBR40UU	6	354	LBBR40UU-OP	5	295	40	+13/-2	62	80	±200	60.6	0/-300	2.15	59	19.5	56°	3	1.5	2.4	6590	8230
50	LBBR50UU	6	615	LBBR50UU-OP	5	518	50	+13/-2	75	100	±200	77.6	0/-300	2.65	72	22.5	54°	5	2.5	2.7	10800	13500