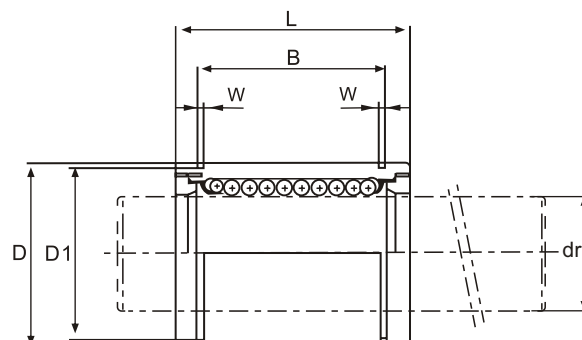
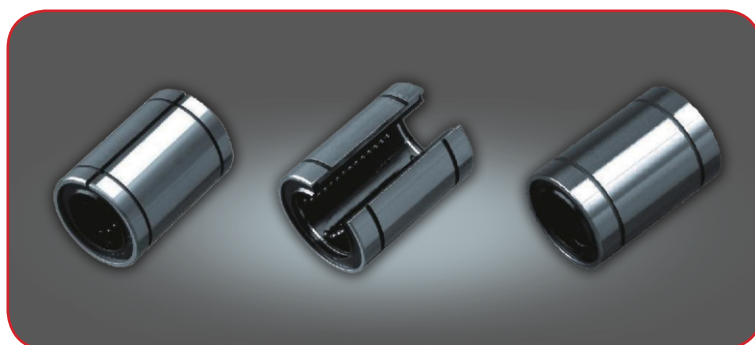




Rolamentos Lineares

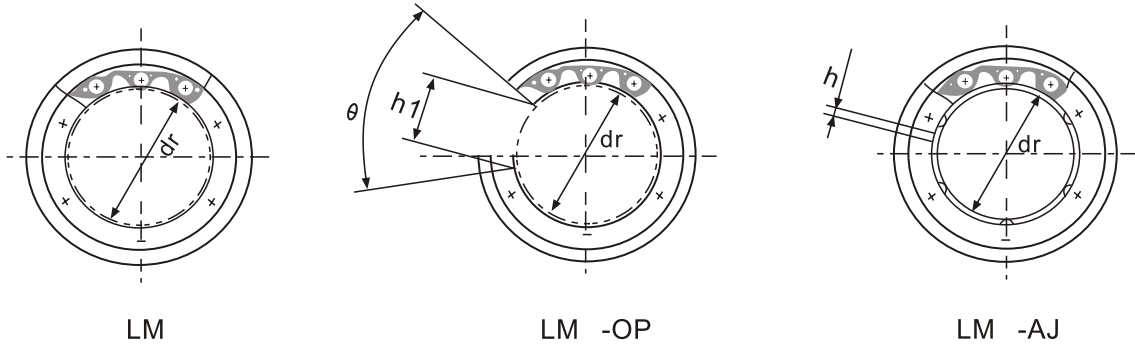


Modelo LM



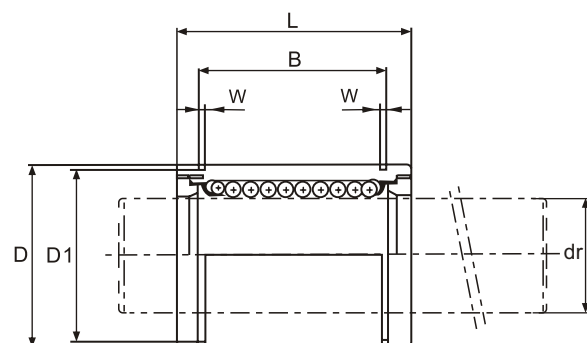
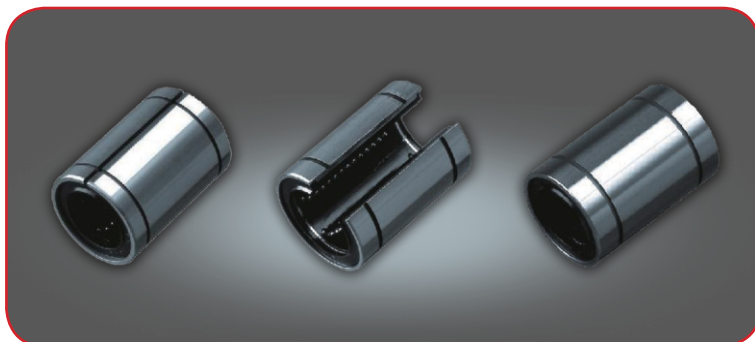
Nominal shaft diameter (mm)	Part No.									
	Seal Type	Ball Circuit	Open Type	Ball Circuit	Adjustable Type	Ball Circuit	dr (mm)	Tolerance (μm)	D (mm)	Tolerance (μm)
3	LM3	4	-	-	-	-	3	0 -8	7	0 -9
4	LM4	4	-	-	-	-	4		8	
5	LM5UU	4	-	-	-	-	5		10	
6	LM6UU	4	-	-	LM6UUAJ	4	6	0 -9	12	0 -11
8	LM8SUU	4	-	-	LM8SUUAJ	4	8		15	
8	LM8UU	4	-	-	LM8UUAJ	4	8		15	
10	LM10UU	4	-	-	LM10UUAJ	4	10		19	0 -13
12	LM12UU	4	LM12UU-OP	3	LM12UUAJ	4	12		21	
13	LM13UU	4	LM13UU-OP	3	LM13UUAJ	4	13		23	
16	LM16UU	5	LM16UU-OP	4	LM16UUAJ	5	16	0 -10	28	0 -16
20	LM20UU	5	LM20UU-OP	4	LM20UUAJ	5	20		32	
25	LM25UU	6	LM25UU-OP	5	LM25UUAJ	6	25		40	
30	LM30UU	6	LM30UU-OP	5	LM30UUAJ	6	30	0 -12	45	0 -19
35	LM35UU	6	LM35UU-OP	5	LM35UUAJ	6	35		52	
40	LM40UU	6	LM40UU-OP	5	LM40UUAJ	6	40		60	
50	LM50UU	6	LM50UU-OP	5	LM50UUAJ	6	50	0 -15	80	0 -22
60	LM60UU	6	LM60UU-OP	5	LM60UUAJ	6	60		90	
80	LM80UU	6	LM80UU-OP	5	LM80UUAJ	6	80		120	
100	LM100UU	6	LM100UU-OP	5	LM100UUAJ	6	100	0 -20	150	0 -25
120	LM120UU	8	LM120UU-OP	6	LM120UUAJ	8	120		180	
150	LM150UU	8	LM150UU-OP	6	LM150UUAJ	8	150		210	

Modelo LM



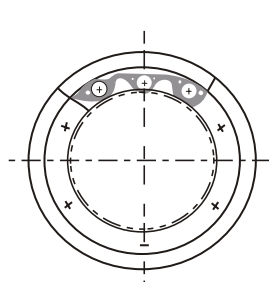
Main dimensions and tolerance									Eccentricity (Max) μm	Radial clearance (Max) μm	Basic load rating		Weight (g)	Part No.
L (mm)	Tolerance (μm)	B (mm)	Tolerance (μm)	W (mm)	D1 (mm)	h (mm)	h1 (mm)	θ			C N	Co N		
10	0 -120	-	0 -200	-	-	-	-	-	8	-3	69	105	1.35	LM3
12		-		-	-	-	-	-			88	127	2	LM4
15		10.2		1.1	9.6	-	-	-			167	206	4	LM5UU
19	0 -200	13.5	1.1	11.5	1.0	-	-	12	-4		206	265	8.5	LM6UU
17		11.5	1.1	14.3	1.0	-	-				176	216	11	LM8SUU
24		17.5	1.1	14.3	1.0	-	-				274	392	17	LM8UU
29		22	1.3	18	1.0	6.8	80°		-6	372	549	36	LM10UU	
30		23	1.3	20	1.5	8	80°			510	784	42	LM12UU	
32		23	1.3	22	1.5	9	80°			510	784	49	LM13UU	
37	0 -300	26.5	1.6	27	1.5	11	80°	15	-8	774	1180	76	LM16UU	
42		30.5	1.6	30.5	1.5	11	60°			882	1370	100	LM20UU	
59		41	1.85	38	2	12	50°			980	1570	240	LM25UU	
64		44.5	1.85	43	2.5	15	50°	20	-10	1570	2740	270	LM30UU	
70		49.5	2.1	49	2.5	17	50°			1670	3140	425	LM35UU	
80		60.5	2.1	57	3	20	50°			2160	4020	654	LM40UU	
100	0 -400	74	2.6	76.5	3	25	50°	25	-13	3820	7940	1700	LM50UU	
110		85	3.15	86.5	3	30	50°			4700	10000	2000	LM60UU	
140		0 -400	105.5	0 -400	4.15	116	3	40	50°	30	-20	7350	16000	4420
175	125.5		4.15		145	3	50	50°	14100			34800	8600	LM100UU
200	158.6		4.15		175	3	85	80°	16400		40000	15000	LM120UU	
240	170.6		5.15		204	3	105	80°	40	-25	21100	54300	20250	LM150UU

Modelo **LME**

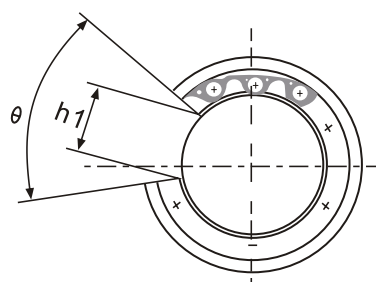


Nominal shaft (mm)	Part No.									
	Seal Type	Ball Circuit	Open Type	Ball Circuit	Adjustable Type	Ball Circuit	dr (mm)	Tolerance (μm)	D (mm)	Tolerance (μm)
3	LME3	4	-	-	-	-	3	+8 0	7	0 -8
4	LME4	4	-	-	-	-	4		8	
5	LME5UU	4	-	-	LME5UUAJ	4	5		12	
8	LME8UU	4	-	-	LME8UUAJ	4	8		16	
12	LME12UU	4	LME12UU-OP	3	LME12UUAJ	4	12	+9 -1	22	0 -9
16	LME16UU	5	LME16UU-OP	4	LME16UUAJ	5	16		26	
20	LME20UU	5	LME20UU-OP	4	LME20UUAJ	5	20	+11 -1	32	0 -11
25	LME25UU	6	LME25UU-OP	5	LME25UUAJ	6	25		40	
30	LME30UU	6	LM30UU-OP	5	LME30UUAJ	6	30	+13 -2	47	0 -13
40	LME40UU	6	LM40UU-OP	5	LME40UUAJ	6	40		62	
50	LME50UU	6	LM50UU-OP	5	LME50UUAJ	6	50		75	
60	LME60UU	6	LM60UU-OP	5	LME60UUAJ	6	60		90	

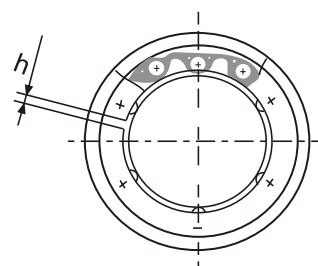
Modelo **LME**



LME



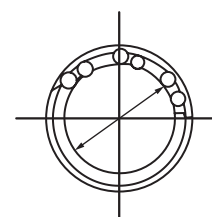
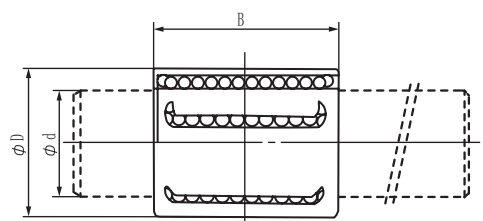
LME -OP



LME -AJ

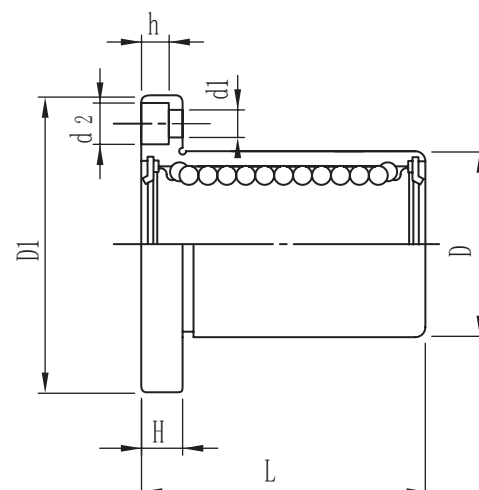
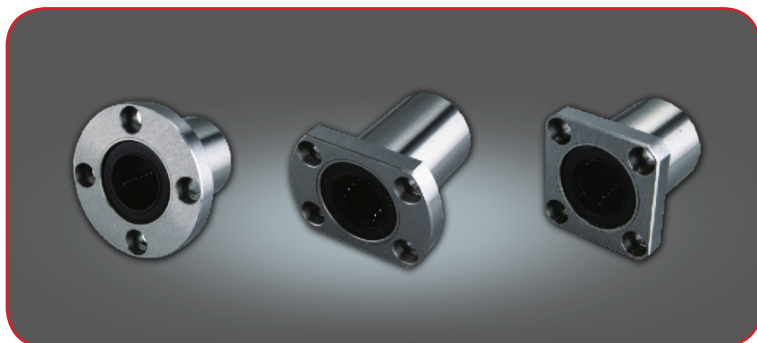
Main dimensions and tolerance									Eccentricity (Max) μm	Radial clearance (Max) μm	Basic load rating		Weight (g)	Part No.
L (mm)	Tolerance (μm)	B (mm)	Tolerance (μm)	W (mm)	D1 (mm)	h (mm)	h1 (mm)	θ			C N	Co N		
10	0 -120	-	-	-	-	-	-	-	10	-3	69	105	1.35	LME3
12		-		-	-	-	-	-			88	127	1.9	LME4
22	0 -200	14.5	0 -300	1.1	11.5	-	-	-	12	-3	206	265	11	LME5UU
25		16.5		1.1	15.2	-	-	-			265	402	22	LME8UU
32		22.9		1.3	21	1.5	7.5	78°		-4	510	784	45	LME12UU
36		24.9		1.3	24.9	1.5	10	78°			578	892	60	LME16UU
45		31.5		1.6	30.3	2	10	60°			862	1370	102	LME20UU
58	0 -300	44.1	0 -400	1.85	37.5	2	12.5	60°	15	-6	980	1570	235	LME25UU
68		52.1		1.85	44.5	2	12.5	50°			1570	2740	360	LME30UU
80		60.6		2.15	59	3	16.8	50°	17	-8	2160	4020	770	LME40UU
100		77.6		2.65	72	3	21	50°			3820	7940	1250	LME50UU
125		101.7		3.15	86.5	3	27.2	54°		-13	4700	9800	2220	LME60UU
	0 -400								20					

Modelo KH

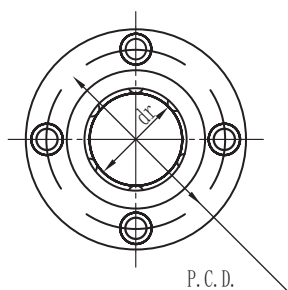


KH

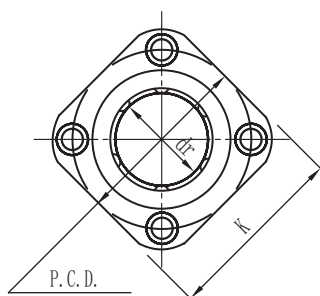
Part No.	Main dimensions and tolerance			Basic load rating		Weight (g)
	Φd	ΦD	B	C N	C ₀ N	
KH-0622	6	12	22	400	239	7
KH-0824	8	15	24	435	280	12
KH-1026	10	17	26	500	370	14.5
KH-1228	12	19	28	620	510	18.5
KH-1428	14	21	28	620	520	20.5
KH-1630	16	24	30	800	620	27.5
KH-2030	20	28	30	950	790	32.5
KH-2540	25	35	40	1990	1670	66
KH-3050	30	40	50	2800	2700	95
KH-4060	40	52	60	4400	4450	182
KH-5070	50	62	70	5500	6300	252



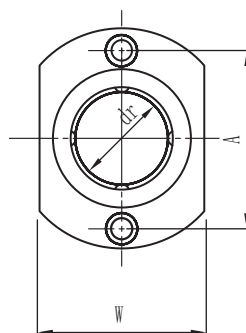
Nominal shaft diameter (mm)	Part No.			Main dimensions and tolerance											
	Seal Type			Ball Circuit	dr (mm)	Tolerance (μm)	D (mm)	Tolerance (μm)	L ±0.3 (mm)	D1 (mm)	H (mm)	PCD (mm)	K (mm)	W (mm)	A (mm)
6	LMF6UU	LMK6UU	LMH6UU	4	6	0 -9	12	0 -11	19	28	5	20	22	18	20
8	LMF8UU	LMK8UU	LMH8UU	4	8		15	0 -13	24	32	5	24	25	21	24
10	LMF10UU	LMK10UU	LMH10UU	4	10		19		29	40	6	29	30	25	29
12	LMF12UU	LMK12UU	LMH12UU	4	12		21		30	42	6	32	32	27	32
13	LMF13UU	LMK13UU	LMH13UU	4	13		23		32	43	6	33	34	29	33
16	LMF16UU	LMK16UU	LMH16UU	5	16	0 -10	28	0 -16	37	48	6	38	37	34	31
20	LMF20UU	LMK20UU	LMH20UU	5	20		32		42	54	8	43	42	38	36
25	LMF25UU	LMK25UU	LMH25UU	6	25		40		59	62	8	51	50	46	40
30	LMF30UU	LMK30UU	LMH30UU	6	30		45		64	74	10	60	58	51	49
35	LMF35UU	LMK35UU	-	6	35		52	0 -19	70	82	10	67	64	-	-
40	LMF40UU	LMK40UU	-	6	40	0 -12	60		80	96	13	78	75	-	-
50	LMF50UU	LMK50UU	-	6	50		80		100	116	13	98	92	-	-
60	LMF60UU	LMK60UU	-	6	60	0 -15	90	0 -22	110	134	18	112	106	-	-
80	LMF80UU	LMK80UU	-	6	80	0 -15	120	0 -22	140	164	18	142	136	-	-
100	LMF100UU	LMK100UU	-	6	100	0 -20	150	0 -25	175	200	20	175	170	-	-



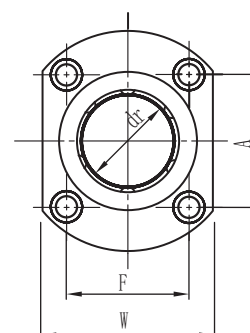
LMF



LMK



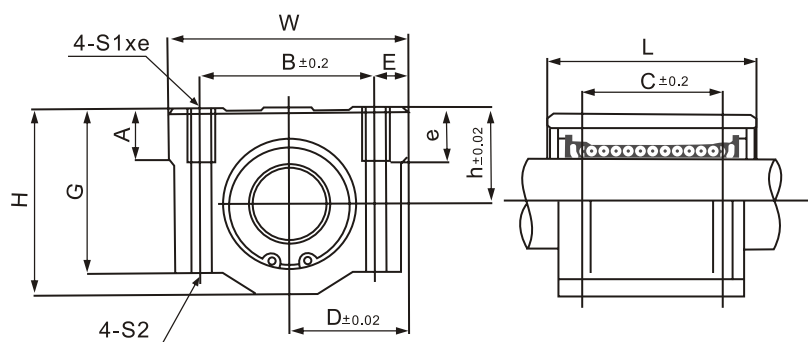
LMH13 or less



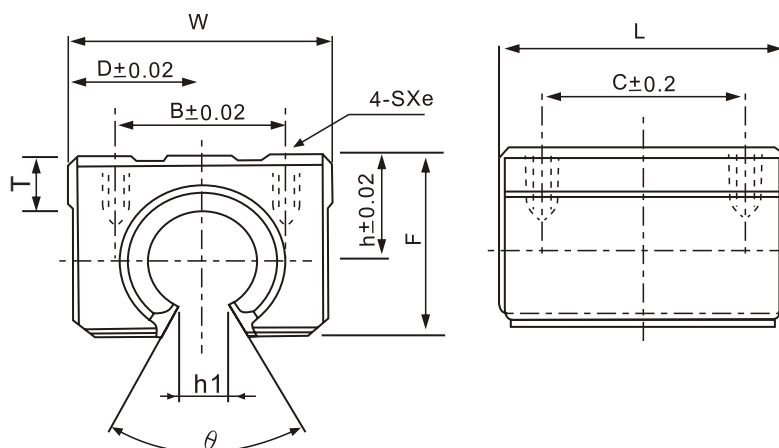
LMH16 or more

		Eccentricity (Max) μm	Radial clearance (Max) μm	Basic load rating		Weight (g)	Part No.
F (mm)	d1Xd2Xh (mm)			C N	Co N		
-	3.5X6X3.1	12	-3	206	265	24	LMF/K/6UU
-	3.5X6X3.1			274	392	37	LMF/K/8UU
-	4.5X7.5X4.1		-4	372	549	72	LMF/K/10UU
-	4.5X7.5X4.1			510	784	76	LMF/K/12UU
-	4.5X7.5X4.1			510	784	88	LMF/K/13UU
22	4.5X7.5X4.1		-6	774	1180	120	LMF/K/16UU
24	5.5X9X5.1	882		1370	180	LMF/K/20UU	
32	5.5X9X5.1	980		1570	340	LMF/K/25UU	
35	6.6X11X6.1	-8		1570	2740	470	LMF/K/30UU
-	6.6X11X6.1		1670	3140	650	LMF/K/35UU	
-	9X14X8.1	20	-10	2160	4020	1060	LMF/K/40UU
-	9X14X8.1		-13	3820	7940	2200	LMF/K/50UU
-	11X17X11.1	25		4700	10000	3000	LMF/K/60UU
-	11X17X11.1		-20	7350	16000	5800	LMF/K/80UU
-	14X20X13.1	30		14100	34800	10600	LMF/K/100UU

Modelo SC

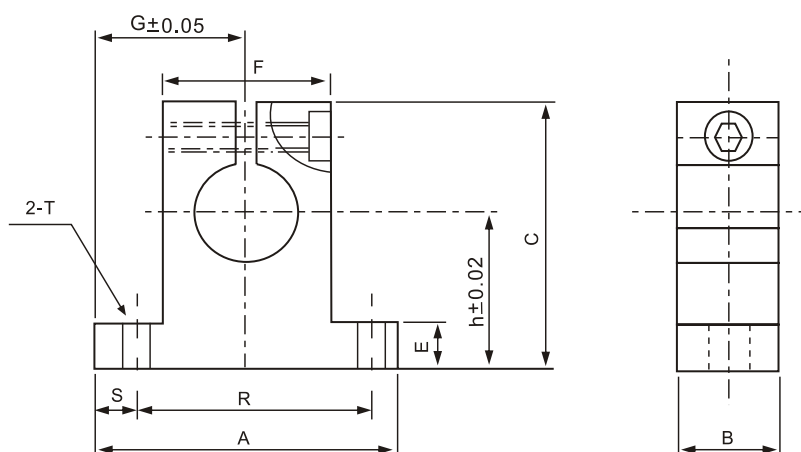
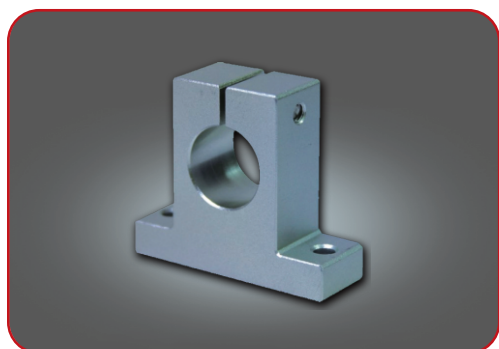


Part No.	Main dimensions (mm)												Basic load rating		Weight (g)
	h	D	W	H	G	A	B	E	S1xe	S2	C	L	C N	Co N	
SC8UU	11	17	34	22	18	6	24	5	M4X8	3.4	18	30	274	392	52
SC10UU	13	20	40	26	21	8	28	6	M5X12	4.3	21	35	372	549	92
SC12UU	15	21	42	28	24	8	30.5	5.75	M5X12	4.3	26	36	510	784	102
SC13UU	15	22	44	30	24.5	8	33	5.5	M5X12	4.3	26	39	510	784	120
SC16UU	19	25	50	38.5	32.5	9	36	7	M5X12	4.3	34	44	774	1180	200
SC20UU	21	27	54	41	35	11	40	7	M6X12	5.2	40	50	882	1370	255
SC25UU	26	38	76	51.5	42	12	54	11	M8X18	7	50	67	980	1570	600
SC30UU	30	39	78	59.5	49	15	58	10	M8X18	7	58	72	1574	2740	735
SC35UU	34	45	90	68	54	18	70	10	M8X18	7	60	80	1670	3140	1100
SC40UU	40	51	102	78	62	20	80	11	M10X25	8.7	60	90	2160	4020	1590
SC50UU	52	61	122	102	80	25	100	11	M10X25	8.7	80	110	3820	7940	3340



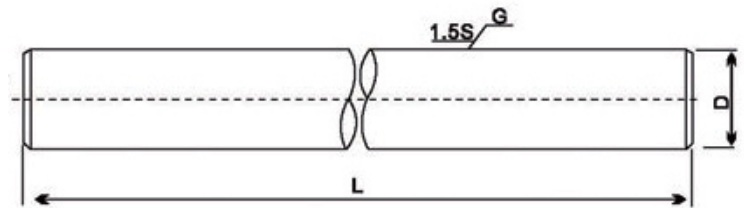
Part No.	Main dimensions (mm)											Slide Bush	Basic load rating		Weight (g)
	h	D	W	L	F	T	h1	θ	B	C	Sxe		C N	Co N	
SME16UU	20	22.5	45	45	33	9	10	80°	32	30	M5X12	LM16UU-OP	774	1180	150
SME20UU	23	24	48	50	39	11	10	60°	35	35	M6X12	LM20UU-OP	882	1370	200
SME25UU	27	30	60	65	47	14	11.5	50°	40	40	M6X12	LM25UU-OP	980	1570	450
SME30UU	33	35	70	70	56	15	14	50°	50	50	M8X18	LM30UU-OP	1570	2740	630
SME35UU	37	40	80	80	63	18	16	50°	55	55	M8X18	LM35UU-OP	1670	3140	925
SME40UU	42	45	90	90	72	20	19	50°	65	65	M10X20	LM40UU-OP	2160	4020	1330
SME50UU	53	60	120	110	92	25	23	50°	94	80	M10X20	LM50UU-OP	3820	7940	3000

Modelo SK



Part No.	Shaft Diameter	Main dimensions (mm)										Clamping bolt designation	Mounting bolt designation	Weight (g)
		h	G	A	B	C	E	F	R	S	T			
SK-8	8	20	21	42	14	32.8	6	18	32	5	5.5	M4	M5	24
SK-10	10	20	21	42	14	32.8	6	18	32	5	5.5	M4	M5	24
SK-12	12	23	21	42	14	37.5	6	20	32	5	5.5	M4	M5	30
SK-13	13	23	21	42	14	37.5	6	20	32	5	5.5	M4	M5	30
SK-16	16	27	24	48	16	44	8	25	38	5	5.5	M4	M5	40
SK-20	20	31	30	60	20	51	10	30	45	7.5	6.6	M5	M6	70
SK-25	25	35	35	70	24	60	12	38	56	7	6.6	M6	M6	130
SK-30	30	42	42	84	28	70	12	44	64	10	9	M6	M8	180
SK-35	35	50	49	98	32	82	15	50	74	12	11	M8	M10	270
SK-40	40	60	57	114	36	96	15	60	90	12	11	M8	M10	420
SK-50	50	70	63	126	40	120	18	74	100	13	14	M12	M12	750

SF/SFC/SFCAS



Dia (mm)	Part No.		Precision (μm)	Standard length (mm)																				Depth of carburized	Weight (gf/ m)
	SF	SFC		100	200	300	400	500	600	700	800	900	1000	1200	1500	1800	2000	2500	3000	3500	4000	5000	6000		
3	SF3	SFC3	-2~-8																						0.06
4	SF4	SFC4	-2~-8																						0.1
5	SF5	SFC5	-4~-12																						0.15
6	SF6	SFC6	-4~-12																						0.23
8	SF8	SFC8	-5~-14																						0.4
10	SF10	SFC10	-5~-14																						0.62
12	SF12	SFC12	-6~-17																						0.89
13	SF13	SFC13	-6~-17																						1.04
16	SF16	SFC16	-7~-20																						1.58
20	SF20	SFC20	-7~-20																						2.47
25	SF25	SFC25	-7~-20																						3.85
30	SF30	SFC30	-9~-25																						5.55
35	SF35	SFC35	-9~-25																						7.55
40	SF40	SFC40	-9~-25																						9.87
50	SF50	SFC50	-10~-29																						15.4
60	SF60	SFC60	-10~-29																						22.2
80	SF80	SFC80	-12~-34																						39.5
100	SF100	SFC100	-12~-34																						61.7
120	SF120	SFC120	-14~-39																						88.8
150	SF150	SFC150	-14~-39																						139

SF type: Standard Shaft

SFC: Chrome Shaft

SFCAS: Stainless Steel Shaft