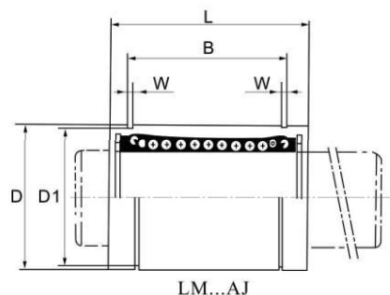


Linear Bearing Series

LM..UU Series



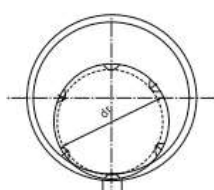
LM...UU



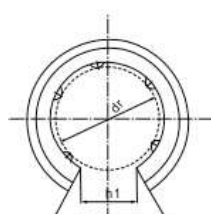
LM...UU-OP



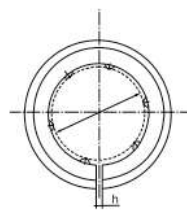
LM...UU-AJ



LM...UU



LM...UU-OP

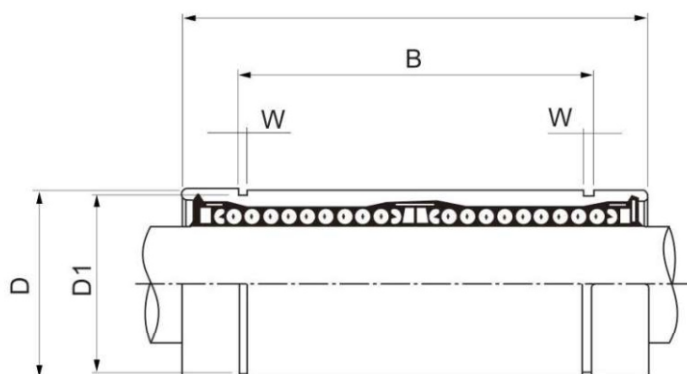
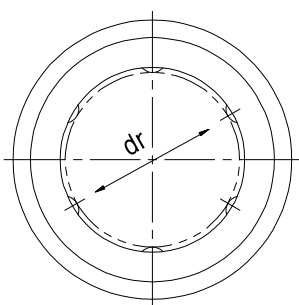


LM...UU-AJ

Type		MAIN			Dimensions										Load Rating	
LM...UU	No. of Ball Rows	Weight (g)	dr (mm)	d (mm)	Length L	Length B	W	D1	H	H1	E	ECCENTRICITY		RADIAL	Dynamic Load (N)	Static Load (N)
LM 6UU	4	7.6	6	12	19	13.5	1.1	11.5	1	-	-	8	12	-5	206	265
LM 8SUU	4	10.4	8	15	17	11.5	1.1	14.3	1	-	62	8	12	-5	175	225
LM 8UU	4	15	8	15	24	17.5	1.1	14.3	1	-	-	8	12	-5	265	402
LM 10UU	4	29.5	10	19	29	22	1.3	18	1	-	-	8	12	-5	373	549
LM 12UU	5	31.5	12	21	30	23	1.3	20	1.5	8	80	8	12	-5	412	598
LM 13UU	5	41	13	23	32	23	1.3	22	1.5	9	80	8	12	-7	510	775
LM 16UU	5	69	16	28	37	26.5	1.6	27	1.5	11	80	8	12	-7	775	1180
LM 20UU	5	87	20	32	42	30.5	1.6	30.5	1.5	11	60	10	15	-9	863	1370
LM 25UU	6	220	25	40	59	41	1.85	38	2	12	50	10	15	-9	980	1570
LM 30UU	6	250	30	45	64	44.5	1.85	43	2.5	15	50	10	15	-9	1570	2750
LM 35UU	6	390	35	52	70	49.5	2.1	49	2.5	17	50	12	20	-13	1670	3140
LM 40UU	6	585	40	60	80	60.5	2.1	57	3	20	50	12	20	-13	2160	4020
LM 50UU	6	1580	50	80	100	74	2.6	76.5	3	25	50	12	20	-13	3820	7940
LM 60UU	6	2000	60	90	110	85	3.15	86.5	3	30	50	17	25	-16	4710	10000
LM 80UU	6	4520	80	120	140	105.5	4.15	116	3	40	50	17	25	-16	7350	16000

Linear Bearing Series

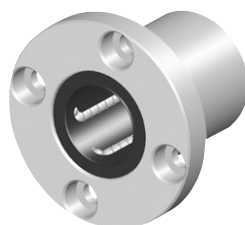
LME...LUU Series



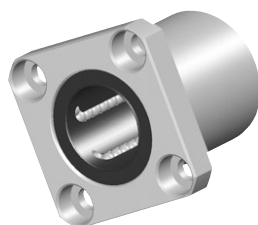
LME		ID	Dimensions					Weight (g)	Basic Load Rating	
Type	No. of ball Rows	dr (mm)	D (mm)	L (mm)	B (mm)	W	D1		Dynamic Load (N)	Static Load (N)
LME 8LUU	4	8	16	46	33	1.1	15.2	40	421	804
LME 12LUU	4	12	22	61	45.8	1.3	21	80	813	1570
LME 16LUU	5	16	26	68	49.8	1.3	24.9	115	921	1780
LME 20LUU	5	20	32	80	61	1.3	30.3	180	1370	2740
LME 25LUU	6	25	40	112	82	1.85	38	430	1570	3140
LME 30LUU	6	30	47	123	104.2	1.85	44.5	615	2490	5490
LME 40LUU	6	40	62	151	121.2	2.15	59	1400	3430	8040
LME 50LUU	6	50	75	192	155.2	2.65	72	2300	6080	15900
LME 60LUU	6	60	90	209	170	3.15	86.5	3900	7550	20000

Linear Bearing Series

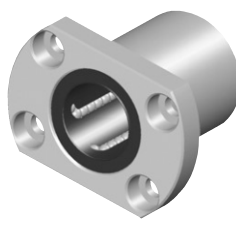
Flange Type LMF/K/H Series



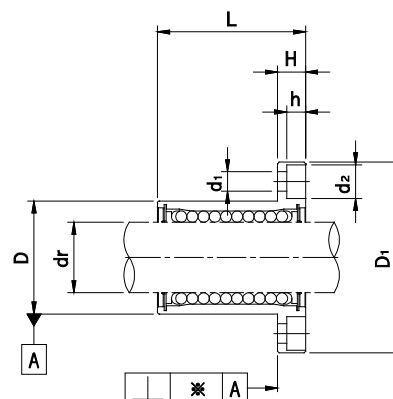
LMF



LMK

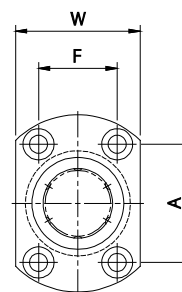
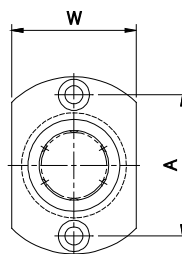
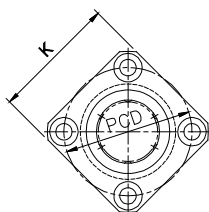
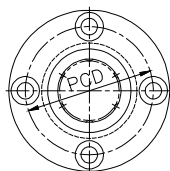


LMH



Part No.			No. of Ball circuit	Weight (g)	Basic Load Ratings		Working Bore Diameter					Dimensions (mm)						
Circular type	Square type	Oval type			Dyn. C (N)	Stat. Co (N)	dr	D	L	B	H	PCD	K	W	A	F	d1×d2×h	
LMF 6UU	LMK 6UU	-	4	26.5	200	260	6	12	019	028	05	020	22	-	-	-	3.4× 6.5× 3.3	
LMF8SUU	LMK8SUU	-	4	34.0	170	220	8	15	017	032	05	024	25	-	-	-	3.4× 6.5× 3.3	
LMF 8UU	LMK 8UU	-	4	40.0	260	400	8	15	024	032	05	024	25	-	-	-	3.4× 6.5× 3.3	
LMF10UU	LMK10UU	LMH10UU	4	78.0	370	540	10	19	029	040	06	029	30	25	29	-	4.5× 8.0× 4.4	
LMF12UU	LMK12UU	LMH12UU	4	76.0	410	590	12	21	030	042	06	032	32	27	32	-	4.5× 8.0× 4.4	
LMF13UU	LMK13UU	LMH13UU	4	94.0	500	770	13	23	032	043	06	033	34	29	33	-	4.5× 8.0× 4.4	
LMF16UU	LMK16UU	LMH16UU	5	134.0	770	1170	16	28	037	048	06	038	37	34	31	22	4.5× 8.0× 4.4	
LMF20UU	LMK20UU	LMH20UU	5	180.0	860	1370	20	32	042	054	08	043	42	38	36	24	5.5× 9.5× 5.4	
LMF25UU	LMK25UU	LMH25UU	6	340.0	980	1560	25	40	059	062	08	051	50	46	40	32	5.5× 9.5× 5.4	
LMF30UU	LMK30UU	LMH30UU	6	460.0	1560	2740	30	45	064	074	10	060	58	51	49	35	6.6×11.0× 6.5	
LMF35UU	LMK35UU	-	6	795.0	1660	3130	35	52	070	082	10	067	64	-	-	-	6.6×11.0× 6.5	
LMF40UU	LMK40UU	-	6	1054.0	2150	4010	40	60	080	096	13	078	75	-	-	-	9.0×14.0× 8.6	
LMF50UU	LMK50UU	-	6	2200.0	3820	7930	50	80	100	116	13	098	92	-	-	-	9.0×14.0× 8.6	
LMF60UU	LMK60UU	-	6	2960.0	4700	9990	60	90	110	134	18	112	106	-	-	-	11.0×17.5×10.8	

1N ≒ 0.102kgf



Linear Bearing Series

Flange Type Long LMF/K/H L Series



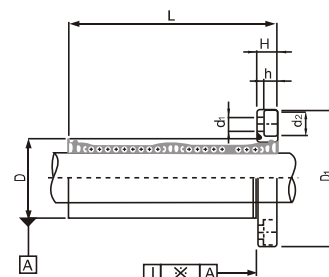
LMF L



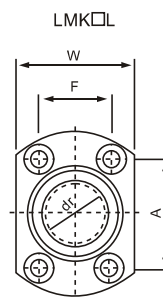
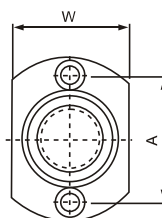
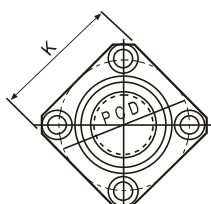
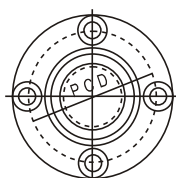
LMK L



LMH L

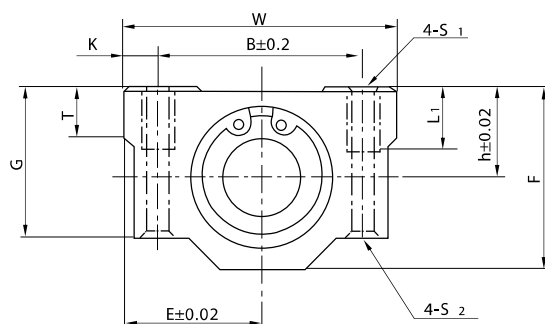
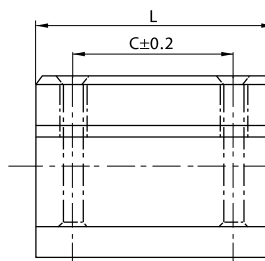


Part No.			Ball Circuit	Weight (g)			Basic Load Rating		Main Dimensions and Tolerance											
							Dyn. C (N)	Stat. Co (N)	dr (mm)	D (mm)	L (mm)	D1 (mm)	H (mm)	PCD (mm)	K (mm)	W (mm)	A (mm)	F (mm)	d1xd2xh	
				F	K	H														
LMF6LUU	LMK6LUU	LMH6LUU	4	31	25	28	323	530	6	12	35	28	5	20	22	18	20	-	3.5x6x3.1	
LMF8LUU	LMK8LUU	LMH8LUU	4	51	43	47	431	784	8	15	45	32	5	24	25	21	24	-	3.5x6x3.1	
LMF10LUU	LMK10LUU	LMH10LUU	4	98	78	90	588	1100	10	19	55	40	6	29	30	25	29	-	4.5x7.5x4.1	
LMF12LUU	LMK12LUU	LMH12LUU	4	110	90	102	813	1570	12	21	57	42	6	32	32	27	32	-	4.5x7.5x4.1	
LMF13LUU	LMK13LUU	LMH13LUU	4	130	108	123	813	1570	13	23	61	43	6	33	34	29	33	-	4.5x7.5x4.1	
LMF16LUU	LMK16LUU	LMH16LUU	5	190	165	182	1230	2350	16	28	70	48	6	38	37	34	31	22	4.5x7.5x4.1	
LMF20LUU	LMK20LUU	LMH20LUU	5	260	225	247	1400	2740	20	32	80	54	8	43	42	38	36	24	5.5x9x5.1	
LMF25LUU	LMK25LUU	LMH25LUU	6	540	500	525	1560	3140	25	40	112	62	8	51	50	46	40	32	5.5x9x5.1	
LMF30LUU	LMK30LUU	LMH30LUU	6	680	590	645	2490	5490	30	45	123	74	10	60	58	51	49	35	6.6x11x6.1	
LMF35LUU	LMK35LUU	—	6	1020	930	—	2650	6270	35	52	135	82	10	67	64	-	-	-	6.6x11x6.1	
LMF40LUU	LMK40LUU	—	6	1570	1380	—	3430	8040	40	60	151	96	13	78	75	-	-	-	9x14x8.1	
LMF50LUU	LMK50LUU	—	6	3600	3400	—	6080	15900	50	80	192	116	13	98	92	-	-	-	9x14x8.1	
LMF60LUU	LMK60LUU	—	6	4500	4060	—	7550	20000	60	90	209	134	18	112	106	-	-	-	11x17x11.1	



Linear Bearing Series

SC / SC L Series

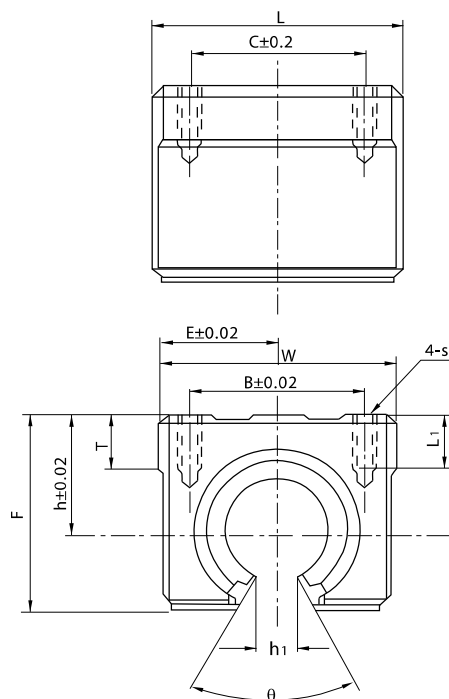


Unit Designation	Dimensions (mm)													Slide bush			Weight (kg/m)
	T	h	E	W	L	F	G	B	C	K	S1	S2	L1	Designation	Basic load rating dynamic C _N	static C _{0N}	
SC 6UU	6	9	15	30	25	18	15	20	15	5	M4	3.4	8	LM6UU	206	265	34
SC 8UU	6	11	17	34	30	22	18	24	18	5	M4	3.4	8	LM8UU	274	392	52
SC 10UU	8	13	20	40	35	26	21	28	21	6	M5	4.3	12	LM10UU	372	549	92
SC 12UU	8	15	21	42	36	28	24	30.5	26	5.75	M5	4.3	12	LM12UU	510	784	102
SC 13UU	8	15	22	44	39	30	24.5	33	26	5.5	M5	4.3	12	LM13UU	510	784	120
SC 16UU	9	19	25	50	44	38.5	32.5	36	34	7	M5	4.3	12	LM16UU	774	1180	200
SC 20UU	11	21	27	54	50	41	35	40	40	7	M6	5.2	12	LM20UU	882	1370	255
SC 25UU	12	26	38	76	67	51.5	42	54	50	11	M8	7	18	LM25UU	980	1570	600
SC 30UU	15	30	39	78	72	59.5	49	58	58	10	M8	7	18	LM30UU	1570	2740	735
SC 35UU	18	34	45	90	80	68	54	70	60	10	M8	7	18	LM35UU	1670	3140	1100
SC 40UU	20	40	51	102	90	78	62	80	60	11	M10	8.7	25	LM40UU	2160	4020	1590
SC 50UU	25	52	61	122	110	102	80	100	80	11	M10	8.7	25	LM50UU	3820	7940	3340
SC 60UU	30	58	66	132	122	114	94	108	90	12	M12	10.7	25	LM60UU	4700	10000	4270

SC 16LUU	9	19	25	50	85	38.5	32.5	36	60	7	M5	4.3	12	LM16LUU	774	1180	200
SC 20LUU	11	21	27	54	96	41	35	40	70	7	M6	5.2	12	LM20LUU	882	1370	255
SC 25LUU	12	26	38	76	130	51.5	42	54	100	11	M8	7	18	LM25LUU	980	1570	600
SC 30LUU	15	30	39	78	140	59.5	49	58	110	10	M8	7	18	LM30LUU	1570	2740	735
SC 35LUU	18	34	45	90	155	68	54	70	120	10	M8	7	18	LM35LUU	1670	3140	1100
SC 40LUU	20	40	51	102	175	78	62	80	140	11	M10	8.7	25	LM40LUU	2160	4020	1590

Linear Bearing Series

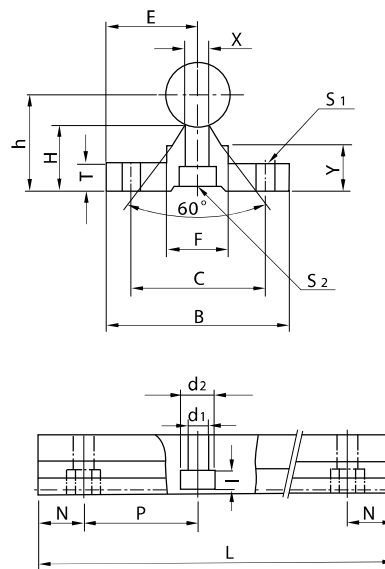
SBR / SBR L Series



Unit Designation	Dimensions (mm)												Slide bush			Weight (kg/m)
	h	E	W	L	F	h1	q	B	C	S	L1	T	Designation	Basic load rating dynamic CN	static CoN	
SBR 10UU	15	18	36	32	24	6	80°	25	20	M5	10	7	LM10UU-OP	372	549	65
SBR 13UU	17	20	40	39	27.6	8.5	80°	28	28	M5	10	8	LM13UU-OP	510	784	100
SBR 16UU	20	22.5	45	45	33	10	80°	32	30	M5	12	9	LM16UU-OP	774	1180	150
SBR 20UU	23	24	48	50	39	10	60°	35	35	M6	12	11	LM20UU-OP	882	1370	200
SBR 25UU	27	30	60	65	47	11.5	50°	40	40	M6	12	14	LM25UU-OP	980	1570	450
SBR 30UU	33	35	70	70	56	14	50°	50	50	M8	18	15	LM30UU-OP	1570	2740	630
SBR 35UU	37	40	80	80	63	16	50°	55	55	M8	18	18	LM35UU-OP	1670	3140	925
SBR 40UU	42	45	90	90	72	19	50°	65	65	M10	20	20	LM40UU-OP	2160	4020	1330
SBR 50UU	53	60	120	110	92	23	50°	94	80	M10	20	25	LM50UU-OP	3820	7940	3000
SBR 16LUU	20	22.5	45	85	33	10	80°	32	60	M5	12	9	LM16LUU-OP	1548	2360	300
SBR 20LUU	23	24	48	96	39	10	60°	35	70	M6	12	11	LM20LUU-OP	1764	2740	400
SBR 25LUU	27	30	60	130	47	11.5	50°	40	100	M6	12	14	LM25LUU-OP	1960	3140	900
SBR 30LUU	33	35	70	140	56	14	50°	50	110	M8	18	15	LM30LUU-OP	3140	5480	1260
SBR 40LUU	42	45	90	175	72	19	50°	65	140	M10	20	20	LM40LUU-OP	4320	8040	2660

Linear Bearing Series

SBR Rail Series



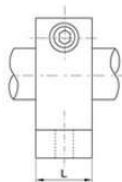
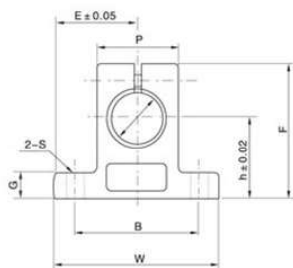
Support Designation	Shaft Dimensions	Dimensions (mm)											Weight (kg/m)
		E	h	B	H	T	F	X	Y	C	S ₁	S ₂ d ₁ ×d ₂ ×i	
SBR 16	f16	20	25	40	17.8	5	18.5	8	11.7	30	f5.5	5.5×9.5×5.4	1.00
SBR 20	f20	22.5	27	45	17.7	5	19	8	10	30	f5.5	5.5×9.5×5.4	1.07
SBR 25	f25	27.5	33	55	21	6	21.5	8	12	35	f6.6	6.6×11×6.5	1.50
SBR 30	f30	30	37	60	22.8	7	26.5	10.3	13	40	f6.6	6.6×11×6.5	1.90
SBR 35	f35	32.5	43	65	26.5	8	28	13	15.5	45	f9	9×14×8.6	2.45
SBR 40	f40	37.5	48	75	29.5	9	38	15.5	17	55	f9	9×14×8.6	3.25
SBR 50	f50	47.5	62	95	38.8	11	45	20	21	70	f11	11×17.5×10.8	5.26

Support Rail Stand Lengths and Dimensions

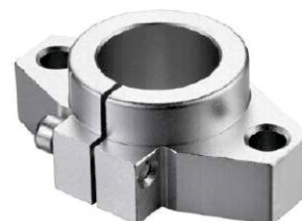
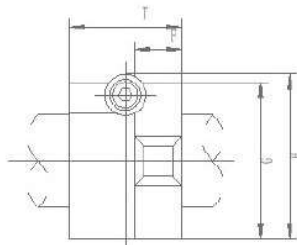
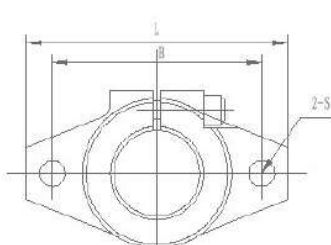
Designation	SBR 16	SBR 20	SBR 25	SBR 30	SBR 35	SBR 40	SBR 50
Standard Length L	190	340	250	450	460	460	470
	340	640	450	850	660	660	670
	640	940	850	1250	860	860	870
	940	1240	1250	1450	1060	1060	1070
N	20	20	25	25	30	30	35
P	150	150	200	200	200	200	200
Max.Length	6000	6000	6000	6000	6000	6000	6000

Linear Bearing Series

SH..A SHF... Series



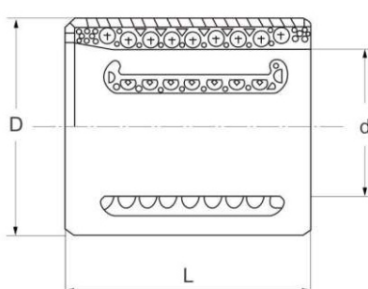
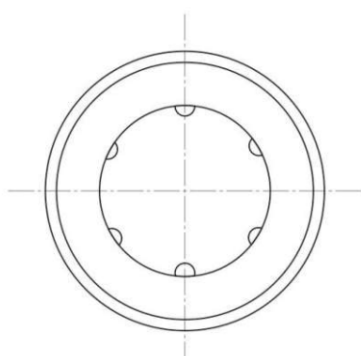
Support Designation	Shaft Dimention	Dimensions								LOOKING BPOLT	CLAMPIN H BOLT	WEIGHT (g)
		H	E	W	F	G	P	B	S			
SH8A	8	20	21	42	32.8	6	18	32	5.5	M4	M5	24
SH10A	10	20	21	42	32.8	6	18	32	5.5	M4	M5	24
SH12A	12	23	21	42	38	6	20	32	5.5	M4	M5	30
SH13A	13	23	21	42	38	6	20	32	5.5	M4	M5	30
SH16A	16	27	24	48	44	8	25	38	5.5	M4	M5	40
SH20A	20	31	30	60	51	10	30	45	6.6	M5	M6	70
SH25A	25	35	35	70	60	12	38	56	6.6	M6	M6	130
SH30A	30	42	42	84	70	12	44	64	9	M6	M8	180
SH35A	35	50	49	98	85	15	50	74	11	M8	M10	270
SH40A	40	60	57	114	96	15	60	90	11	M8	M10	420
SH50A	50	70	63	126	120	18	74	100	14	M12	M12	750
SH60A	60	80	74	148	136	18	90	120	14	M12	M12	1100



Support Designation	Shaft Dimention	Dimensions							LOOKING BPOLT	CLAMPING BOLT	WEIGHT (g)
		W	L	T	F	G	B	S			
SHF10	10	43	10	5	24	20	32	5.5	M4	M5	13
SHF12	12	47	13	7	28	25	36	5.5	M4	M5	20
SHF13	13	47	13	7	28	25	36	5.5	M4	M5	20
SHF16	16	50	16	8	31	28	40	5.5	M4	M5	27
SHF20	20	60	20	8	37	34	48	7	M5	M6	40
SHF25	25	70	25	10	42	40	56	7	M5	M6	60
SHF30	30	80	30	12	50	46	64	9	M6	M8	110
SHF35	35	92	35	14	58	50	72	12	M8	M10	380
SHF40	40	102	40	16	67	56	80	12	M10	M10	510
SHF50	50	122	50	19	83	70	96	14	M12	M12	890
SHF60	60	140	60	23	95	82	112	14	M12	M12	1500

Linear Bearing Series

KH Series



Bearing number	Number of ball rows	Weight (gf)	Main Dimensions			Basic Load Rating	
			d	D	L	C(N)	Co(N)
KH0622PP	4	7	6	12	22	400	239
KH0824PP	4	11.3	8	15	24	435	280
KH1026PP	4	14.4	10	17	26	500	370
KH1228PP	5	18.1	12	19	28	620	510
KH1428PP	5	20.6	14	21	28	620	520
KH1630PP	5	27.2	16	24	30	800	620
KH2030PP	6	32.7	20	28	30	950	790
KH2540PP	6	66	25	35	40	1990	1670
KH3050PP	7	95	30	40	50	2800	2700
KH4060PP	8	182	40	52	60	4400	4450
KH5070PP	9	252	50	62	70	5500	6300