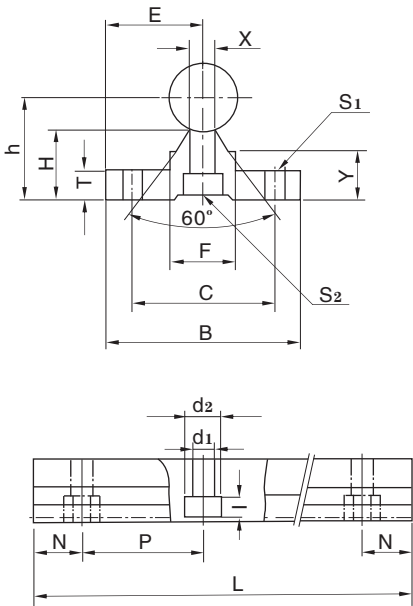


>> Linear motion ball slide units series

SBR



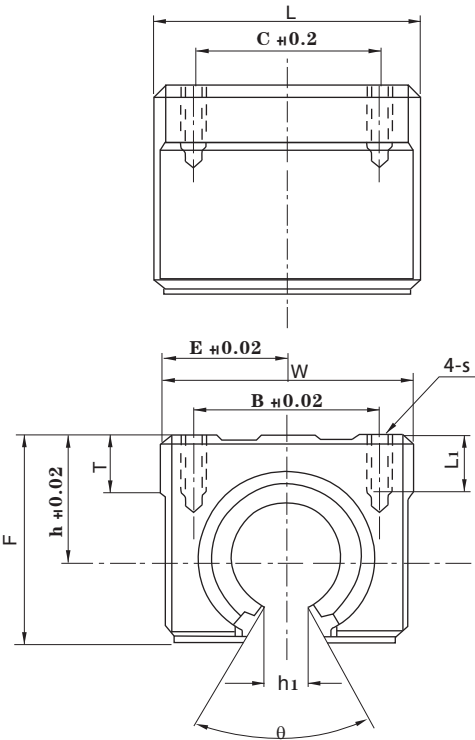
Support Designation	Shaft Dimensions	Dimensions (mm)											Weight (kg/m)
		E	h	B	H	T	F	X	Y	C	S ₁	S ₂ d ₁ × d ₂ × l	
SBR 16	f16	20	25	40	17.8	5	18.5	8	11.7	30	f5.5	5.5 × 9.5 × 5.4	1.00
SBR 20	f20	22.5	27	45	17.7	5	19	8	10	30	f5.5	5.5 × 9.5 × 5.4	1.07
SBR 25	f25	27.5	33	55	21	6	21.5	8	12	35	f6.6	6.6 × 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 motion ball slide units series

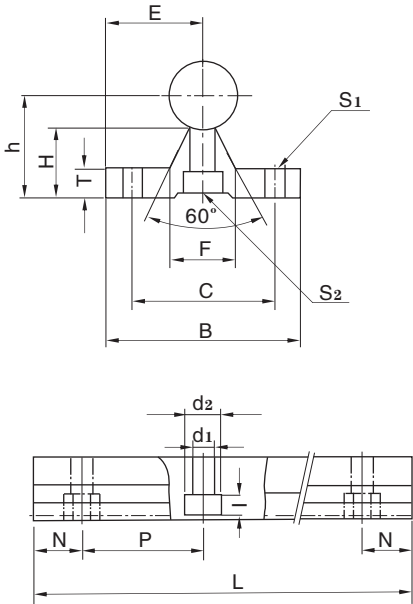
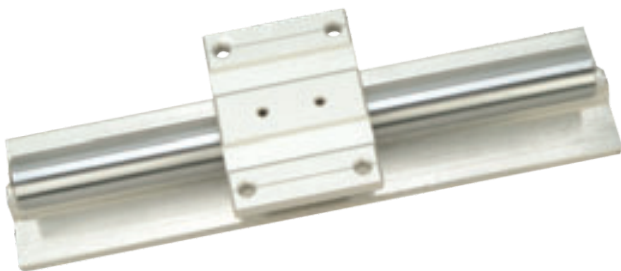
SBR...UU SBR...LUU



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 motion ball slide units series

TBR



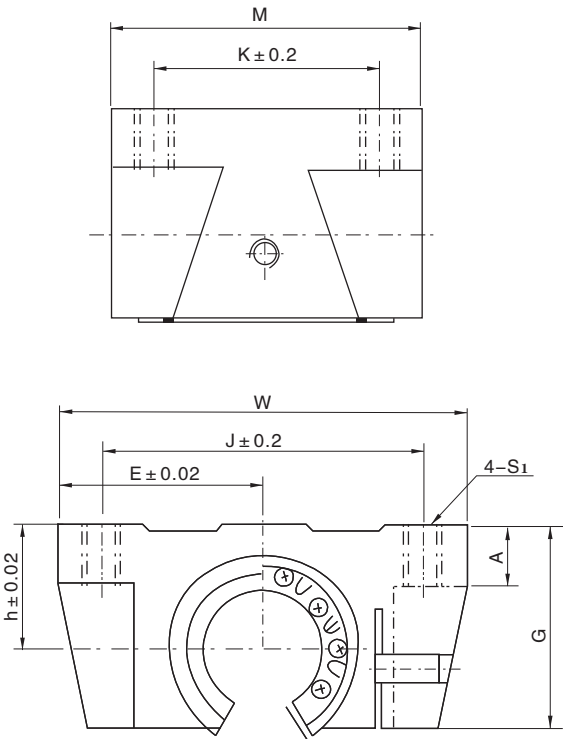
Support Designation	Shaft Dimensions	Dimensions (mm)									Weight (kg/m)
		E	h	B	H	T	F	C	S ₁	S ₂	
TBR 16	f16	25	22.14	50	14.96	6	18.71	37	f5.5	5.5×9.5×5.4	1.10
TBR 20	f20	27.5	29.01	55	19.37	8	18.96	40	f5.5	5.5×9.5×5.4	1.80
TBR 25	f25	32.5	31.97	65	20.14	10	20	45	f6.6	6.6×11×6.5	2.05
TBR 30	f30	37.5	36.52	75	22.45	12	22.96	55	f6.6	6.6×11×6.5	2.80

Support Rail Stand Lengths and Dimensions

Designation	TBR 16	TBR 20	TBR 25	TBR 30
Standard Length L	190	340	250	450
	240	640	450	850
	640	940	850	1250
	940	1240	1250	1450
N	20	20	25	25
P	150	150	200	200
Max.Length	6000	6000	6000	6000

>> Linear motion ball slide units series

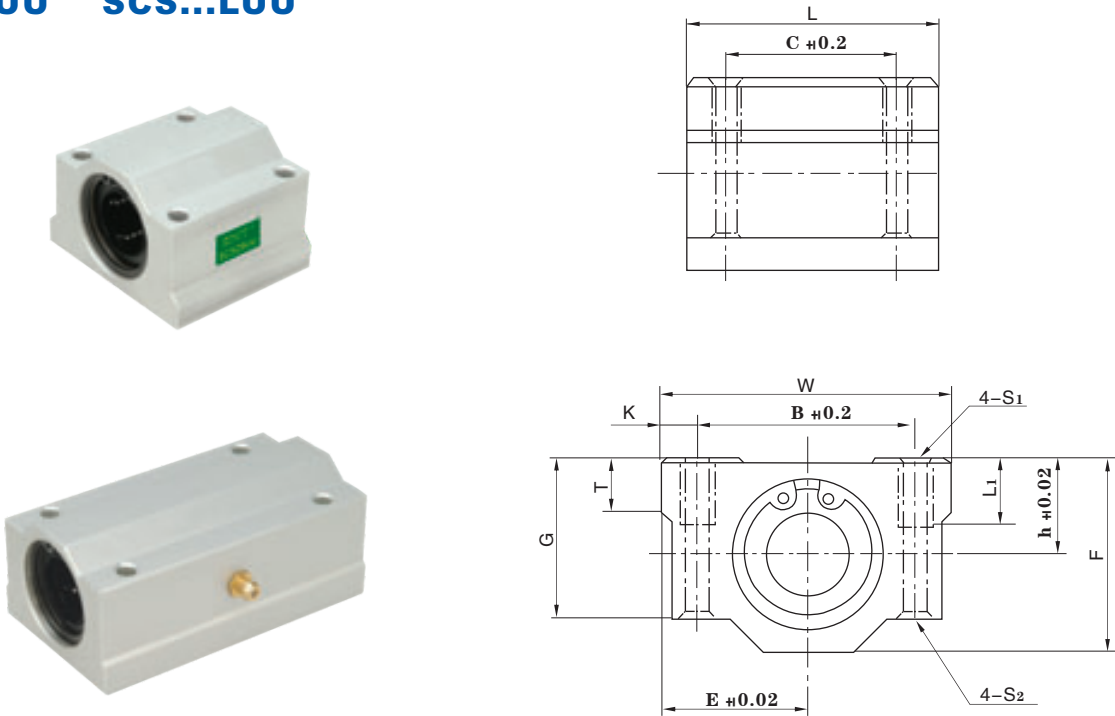
TBR...UU TBR...LUU



Support Designation	Shaft Dimensions	Basic load rating		Dimensions (mm)								Slide bush		
		dynamic CN	static CoN	W	G	A	M	S ₁	J	K	E	h	Designation	Basic load rating dynamic CN static CoN
TBR 16UU	f16	392	490	62	26	8	42	M5	50	30	31	18	LM16UU-OP	392 490
TBR 20UU	f20	784	1176	68	31	10	51	M6	54	37	34	21	LM20UU-OP	784 1176
TBR 25UU	f25	1568	2352	82	41	12	65	M8	65	50	41	28	LM25UU-OP	1568 2352
TBR 30UU	f30	1764	2940	91	48	12	75	M8	75	60	45.5	33.5	LM30UU-OP	1764 2940
TBR 16LUU	f16	780	980	62	26	8	85	M5	50	60	31	18	LM16LUU-OP	392 490
TBR 20LUU	f20	1568	2352	68	31	10	96	M6	54	70	34	21	LM20LUU-OP	784 1176
TBR 25LUU	f25	3136	4704	82	41	12	130	M8	65	100	41	28	LM25LUU-OP	1568 2352
TBR 30LUU	f30	3528	5880	91	48	12	140	M8	75	110	45.5	33.5	LM30LUU-OP	1764 2940

>> Linear motion ball slide units series

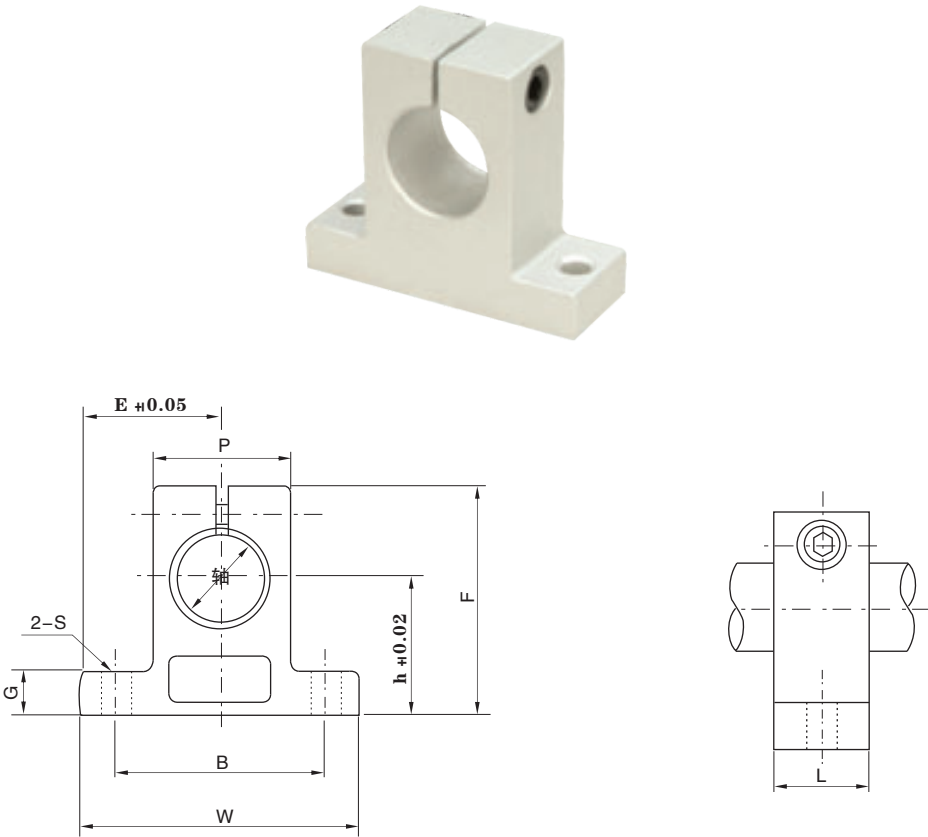
SCS...UU SCS...LUU



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 CoN	static CoN	
SCS 6UU	6	9	15	30	25	18	15	20	15	5	M4	3.4	8	LM 6UU	206	265	34
SCS 8UU	6	11	17	34	30	22	18	24	18	5	M4	3.4	8	LM 8UU	274	392	52
SCS10UU	8	13	20	40	35	26	21	28	21	6	M5	4.3	12	LM 10UU	372	549	92
SCS 12UU	8	15	21	42	36	28	24	30.5	26	5.75	M5	4.3	12	LM 12UU	510	784	102
SCS 13UU	8	15	22	44	39	30	24.5	33	26	5.5	M5	4.3	12	LM 13UU	510	784	120
SCS 16UU	9	19	25	50	44	38.5	32.5	36	34	7	M5	4.3	12	LM 16UU	774	1180	200
SCS 20UU	11	21	27	54	50	41	35	40	40	7	M6	5.2	12	LM 20UU	882	1370	255
SCS 25UU	12	26	38	76	67	51.5	42	54	50	11	M8	7	18	LM 25UU	980	1570	600
SCS 30UU	15	30	39	78	72	59.5	49	58	58	10	M8	7	18	LM 30UU	1570	2740	735
SCS 35UU	18	34	45	90	80	68	54	70	60	10	M8	7	18	LM 35UU	1670	3140	1100
SCS 40UU	20	40	51	102	90	78	62	80	60	11	M10	8.7	25	LM 40UU	2160	4020	1590
SCS 50UU	25	52	61	122	110	102	80	100	80	11	M10	8.7	25	LM 50UU	3820	7940	3340
SCS 60UU	30	58	66	132	122	114	94	108	90	12	M12	10.7	25	LM 60UU	4700	10000	4270
SCS 16LUU	9	19	25	50	85	38.5	32.5	36	60	7	M5	4.3	12	LM 16LUU	774	1180	200
SCS 20LUU	11	21	27	54	96	41	35	40	70	7	M6	5.2	12	LM 20LUU	882	1370	255
SCS 25LUU	12	26	38	76	130	51.5	42	54	100	11	M8	7	18	LM 25LUU	980	1570	600
SCS 30LUU	15	30	39	78	140	59.5	49	58	110	10	M8	7	18	LM 30LUU	1570	2740	735
SCS 35LUU	18	34	45	90	155	68	54	70	120	10	M8	7	18	LM 35LUU	1670	3140	1100
SCS 40LUU	20	40	51	102	175	78	62	80	140	11	M10	8.7	25	LM 40LUU	2160	4020	1590

>> Linear motion ball slide units series

SH...A



Support Designation	Shaft Dimensions	Dimensions (mm)									Locking Bolt	Clamping Bolt	Weight (kg/m)
		h	E	W	L	F	G	P	B	S			
SH 8A	8	20	21	42	14	32.8	6	18	32	5.5	M4	M5	24
SH 10A	10	20	21	42	14	32.8	6	18	32	5.5	M4	M5	24
SH 12A	12	23	21	42	14	37.5	6	20	32	5.5	M4	M5	30
SH 13A	13	23	21	42	14	37.5	6	20	32	5.5	M4	M5	30
SH 16A	16	27	24	48	16	44	8	25	38	5.5	M4	M5	40
SH 20A	20	31	30	60	20	51	10	30	45	6.6	M5	M6	70
SH 25A	25	35	35	70	24	60	12	38	56	6.6	M6	M6	130
SH 30A	30	42	42	84	28	70	12	44	64	9	M6	M8	180
SH 35A	35	50	49	98	32	82	15	50	74	11	M8	M10	270
SH 40A	40	60	57	114	36	96	15	60	90	11	M8	M10	420
SH 50A	50	70	63	126	40	120	18	74	100	14	M12	M12	750
SH 60A	60	80	74	148	45	136	18	90	120	14	M12	M12	1100