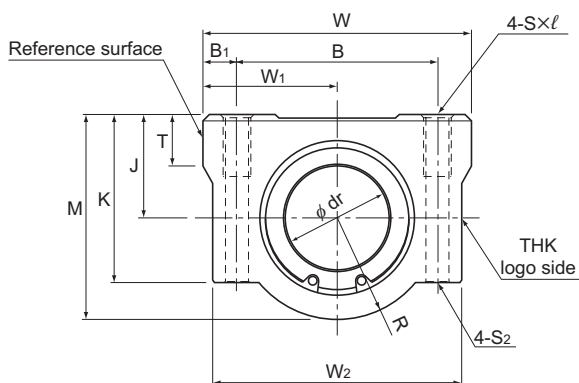


Models SC6 to 30



Models SC6 to 30

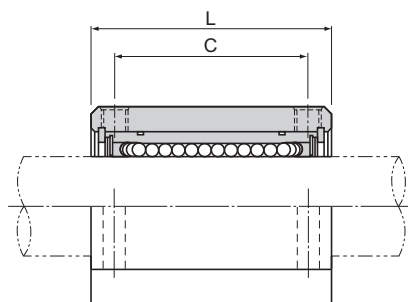
Model No.	Outer dimensions			LM casing dimensions						
	Height	Width	Length	Mounting hole position			Tap	Through bolt	Center height	W ₁
	M	W	L	B	B ₁	C	S×ℓ	model No, S ₂	J ±0.02	
SC 6UU	18	30	25	20	5	15	M4×8	M3	9	15
SC 8UU	22	34	30	24	5	18	M4×8	M3	11	17
SC 10UU	26	40	35	28	6	21	M5×12	M4	13	20
SC 12UU	29	42	36	30.5	5.75	26	M5×12	M4	15	21
SC 13UU	30	44	39	33	5.5	26	M5×12	M4	15	22
SC 16UU	38.5	50	44	36	7	34	M5×12	M4	19	25
SC 20UU	42	54	50	40	7	40	M6×12	M5	21	27
SC 25UU	51.5	76	67	54	11	50	M8×18	M6	26	38
SC 30UU	59.5	78	72	58	10	58	M8×18	M6	30	39

Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.

A stainless steel Linear Bushing model LM-MG, which is highly corrosion resistant, can also be incorporated at your request.

Example of Model Number for Use in Combination with
Linear Bushing Units

Linear Bushing to be combined	Example of model No.	
Both end attached with seal	SC 13UU	Standard stock
Without seal	SC 13	Build to order
Made of stainless steel; both end attached with seal	SC 13MUU	Build to order

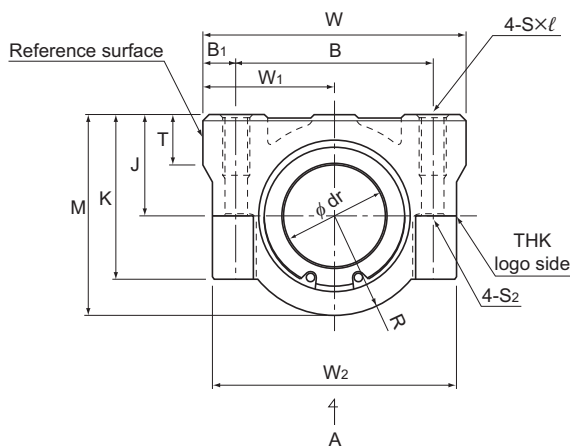


Unit: mm

							Model No. of Linear Bushing to be combined	Basic load rating		Unit Mass g
								C	C ₀	
K	W ₂	T	R	Inscribed bore diameter		Tolerance		N	N	
				dr						
15	28	6	9	6	0 -0.009		LM6UU	206	265	34
18	32	6	11	8			LM8UU	265	402	52
22	37	8	13	10			LM10UU	373	549	92
25	39	8	14	12			LM12UU	412	598	102
26	41	8	15	13			LM13UU	510	775	123
35	46	9	19.5	16			LM16UU	775	1180	189
36	52	11	21	20	0 -0.010		LM20UU	863	1370	237
41	68	12	25.5	25			LM25UU	980	1570	555
49	72	15	29.5	30			LM30UU	1570	2750	685

Note: If a lubrication hole is required, this can be indicated by appending "OH" to the end of the model number.
For further information, contact THK.

Models SC35 to 50



Models SC35 to 50

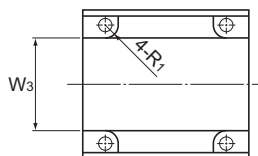
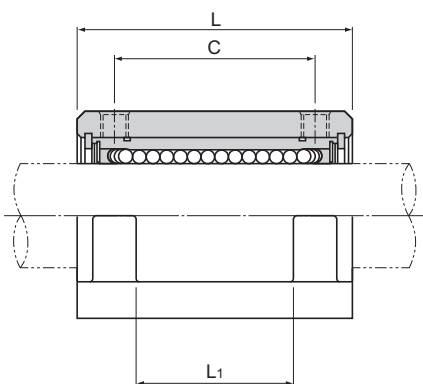
Model No.	Outer dimensions			LM casing dimensions							
	Height	Width	Length	Mounting hole position			Tap	Through bolt	Center height J	W ₁	K
	M	W	L	B	B ₁	C	S×ℓ	model No, S ₂	±0.02	±0.02	
SC 35UU	68	90	80	70	10	60	M8×18	M6	34	45	54
SC 40UU	78	102	90	80	11	60	M10×25	M8	40	51	62
SC 50UU	102	122	110	100	11	80	M10×25	M8	52	61	80

Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.

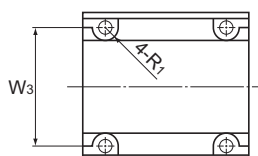
A stainless steel Linear Bushing model LM-MG, which is highly corrosion resistant, can also be incorporated at your request.
(Model SC50 does not include a stainless type.)

Example of Model Number for Use in Combination with
Linear Bushing Units

Linear Bushing to be combined	Example of model No.	
Both end attached with seal	SC 40UU	Standard stock
Without seal	SC 40	Build to order
Made of stainless steel; both end attached with seal	SC 40MUU	Build to order



A arrow view Model SC35



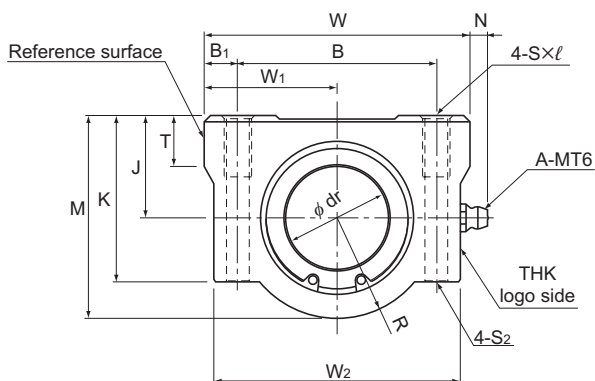
A arrow view Model SC40 and SC60

Unit: mm

									Model No. of Linear Bushing to be combined	Basic load rating		Unit
	W ₂	W ₃	L ₁	T	R	R ₁	Inscribed bore diameter			C	C ₀	Mass
							dr	Tolerance		N	N	g
	85	60	42	18	34	5	35	0 -0.012	LM35UU	1670	3140	1100
	96	80	44	20	38	8	40		LM40UU	2160	4020	1600
	116	100	64	25	50	8	50		LM50UU	3820	7940	3350

Note: If a lubrication hole is required, this can be indicated by appending "OH" to the end of the model number.
For further information, contact THK.

Model SL



Model SL

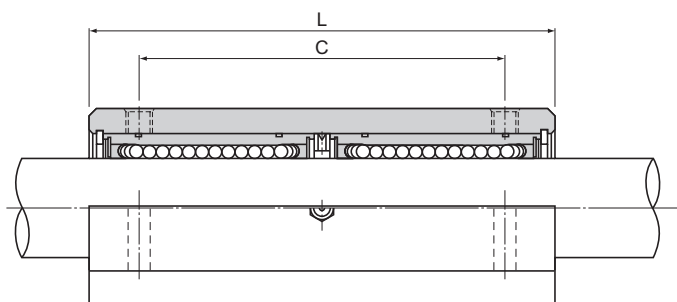
Model No.	Outer dimensions			LM casing dimensions						
	Height	Width	Length	Mounting hole position			Tap	Through bolt	Center height	W ₁
	M	W	L	B	B ₁	C	S × l	model No. S ₂	J ±0.02	
SL 6UU	18	30	48	20	5	36	M4 × 8	M3	9	15
SL 8UU	22	34	58	24	5	42	M4 × 8	M3	11	17
SL 10UU	26	40	68	28	6	46	M5 × 12	M4	13	20
SL 12UU	29	42	70	30.5	5.75	50	M5 × 12	M4	15	21
SL 13UU	30	44	75	33	5.5	50	M5 × 12	M4	15	22
SL 16UU	38.5	50	85	36	7	60	M5 × 12	M4	19	25
SL 20UU	42	54	96	40	7	70	M6 × 12	M5	21	27
SL 25UU	51.5	76	130	54	11	100	M8 × 18	M6	26	38
SL 30UU	59.5	78	140	58	10	110	M8 × 18	M6	30	39

Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.

A stainless steel Linear Bushing model LM-MG, which is highly corrosion resistant, can also be incorporated at your request.

Example of Model Number for Use in Combination with
Linear Bushing Units

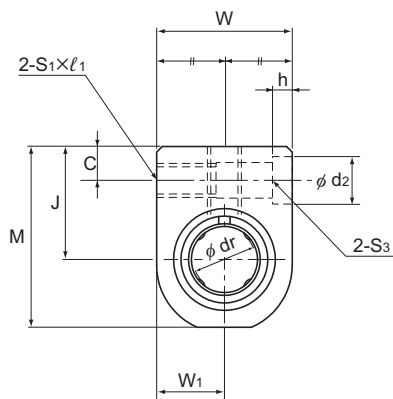
Linear Bushing to be combined	Example of model No.	
Both end attached with seal	SL 13UU	Standard stock
Without seal	SL 13	Build to order
Made of stainless steel; both end attached with seal	SL 13MUU	Build to order



Unit: mm

								Model No. of Linear Bushing to be combined	Basic load rating		Unit
	K	W ₂	T	R	N	Inscribed bore diameter			C	C ₀	Mass
						dr	Tolerance				
	15	28	6	9	7	6	0 -0.009	LM6U	324	529	68
	18	32	6	11	7	8		LM8U	431	784	105
	22	37	8	13	7	10		LM10U	588	1100	185
	25	39	8	14	6.5	12		LM12U	657	1200	205
	26	41	8	15	6.5	13		LM13U	814	1570	242
	35	46	9	19.5	6	16		LM16U	1230	2350	403
	36	52	11	21	7	20	0 -0.010	LM20U	1400	2750	520
	41	68	12	25.5	4	25		LM25U	1560	3140	1120
	49	72	15	29.5	5	30		LM30U	2490	5490	1440

Model SH



Model SH

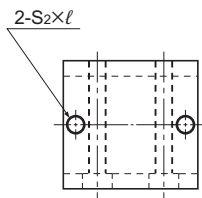
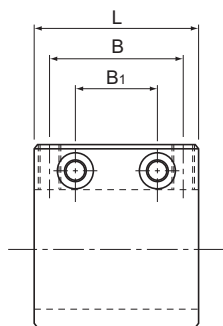
Model No.	Outer dimensions			LM casing dimensions					
	Height	Width	Length	Mounting hole position			Tap		Through bolt
	M	W	L	B	B ₁	C	S ₁ × ℓ_1	S ₂ × ℓ	model No, S ₃
SH 3UU	14	10	13	—	8	3	M3 × 6	M3 × 5.5	M2
SH 4UU	16	12	15	—	10	3	M3 × 6	M3 × 6	M2
SH 5UU	18	14	17	—	12	3	M3 × 6	M3 × 6	M2
SH 6UU	22	16	24	18	9	5	M4 × 8	M4 × 8	M3
SH 8UU	26	20	27	20	10	5	M4 × 8	M5 × 8.5	M3
SH 10UU	32	26	35	27	15	6	M5 × 10	M6 × 9.5	M4
SH 12UU	34	28	35	27	15	6	M5 × 10	M6 × 9.5	M4
SH 13UU	36	30	36	28	16	6	M5 × 10	M6 × 9.5	M4
SH 16UU	42	36	40	32	18	6	M5 × 10	M6 × 10	M4
SH 20UU	49	42	44	36	22	7	M6 × 12	M6 × 12	M5

Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.

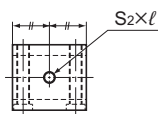
A stainless steel Linear Bushing model LM-MG, which is highly corrosion resistant, can also be incorporated at your request.

Example of Model Number for Use in Combination with Linear Bushing Units

Linear Bushing to be combined	Example of model No.	
Both end attached with seal	SH 13UU	Standard stock
Without seal	SH 13	Build to order
Made of stainless steel; both end attached with seal	SH 13MUU	Build to order



Top surface of models SH6 to SH20

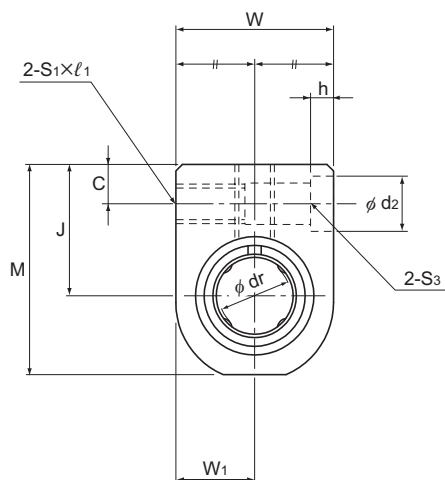


Top surface of models SH3 to SH5

Unit: mm

							Model No. of Linear Bushing to be combined	Basic load rating		Unit
	Center height J ±0.02	W _i ±0.02	d ₂	h	Inscribed bore diameter			C	C ₀	Mass
					dr	Tolerance				
	9	5	4.2	1.5	3	0 -0.008	LM3UU	88.2	108	4.5
	10	6	4.2	1.5	4		LM4UU	88.2	127	7
	11	7	4.2	1.5	5		LM5UU	167	206	11
	14	8	6.5	3.3	6		LM6UU	206	265	21
	16	10	6.5	3.3	8	0 -0.009	LM8UU	265	402	34
	19	13	8	4.4	10		LM10UU	373	549	67
	20	14	8	4.4	12		LM12UU	412	598	74
	21	15	8	4.4	13		LM13UU	510	775	91
	24	18	8	4.4	16		LM16UU	775	1180	157
	28	21	9.5	5.4	20	0 -0.010	LM20UU	863	1370	206

Model SH-L



Model SH-L

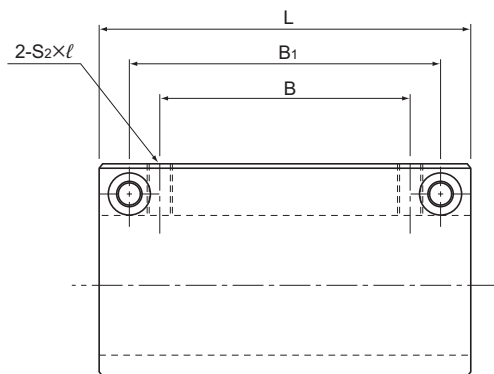
Model No.	Outer dimensions			LM casing dimensions					
	Height	Width	Length	Mounting hole position			Tap		Through bolt
	M	W	L	B	B ₁	C	S ₁ × ℓ_1	S ₂ × ℓ	model No, S ₃
SH 3LUU	14	10	23	10	18	3	M3 × 6	M3 × 5.5	M2
SH 4LUU	16	12	27	14	22	3	M3 × 6	M3 × 6	M2
SH 5LUU	18	14	32	18	26	3	M3 × 6	M3 × 6	M2
SH 6LUU	22	16	40	20	30	5	M4 × 8	M4 × 8	M3
SH 8LUU	26	20	52	30	42	5	M4 × 8	M5 × 8.5	M3
SH 10LUU	32	26	60	36	50	6	M5 × 10	M6 × 9.5	M4
SH 12LUU	34	28	62	36	50	6	M5 × 10	M6 × 9.5	M4
SH 13LUU	36	30	66	40	54	6	M5 × 10	M6 × 9.5	M4
SH 16LUU	42	36	76	52	66	6	M5 × 10	M6 × 10	M4
SH 20LUU	49	42	86	58	72	7	M6 × 12	M6 × 12	M5

Notes: Since this model contains a synthetic resin retainer, do not use it at temperature exceeding 80°C.

A stainless steel Linear Bushing model LM-MG, which is highly corrosion resistant, can also be incorporated at your request.

Example of Model Number for Use in Combination with Linear Bushing Units

Linear Bushing to be combined	Example of model No.	
Both end attached with seal	SH 13LUU	Standard stock
Without seal	SH 13L	Build to order
Made of stainless steel; both end attached with seal	SH 13MLUU	Build to order



Unit: mm

							Model No. of Linear Bushing to be combined	Basic load rating		Unit
	Center height J ±0.02	W _i ±0.02	d ₂	h	Inscribed bore diameter			C N	C ₀ N	Mass g
					dr	Tolerance				
	9	5	4.2	1.5	3	0 -0.008	LM3U	139	216	8.6
	10	6	4.2	1.5	4		LM4U	139	254	14
	11	7	4.2	1.5	5		LM5U	263	412	22
	14	8	6.5	3.3	6	0 -0.009	LM6U	324	529	37
	16	10	6.5	3.3	8		LM8U	431	784	68
	19	13	8	4.4	10		LM10U	588	1100	125
	20	14	8	4.4	12		LM12U	657	1200	140
	21	15	8	4.4	13		LM13U	814	1570	176
	24	18	8	4.4	16		LM16U	1230	2350	309
	28	21	9.5	5.4	20	0 -0.010	LM20U	1400	2750	413