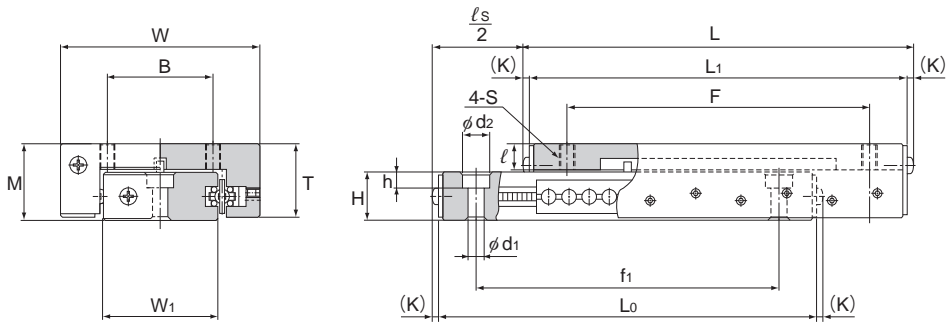
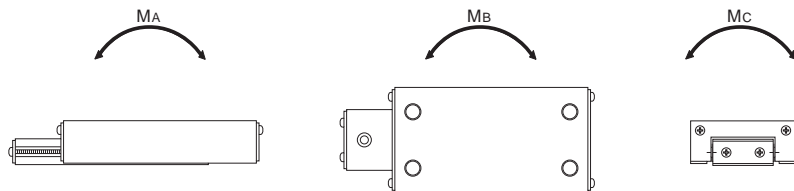


Model LSP



Model No.	Slider dimensions									
	Max. Stroke l_s	Height M ± 0.25	Width W ± 0.25	Length L	T	L_1	(K)	B	F	$S \times l$
LSP 1340	15	13	25	42	12.5	40	1	11	30	M3×5
LSP 1365	25	13	25	67	12.5	65	1	11	55	M3×5
LSP 1390	50	13	25	92	12.5	90	1	11	80	M3×5
LSP 2050	25	20	44	53	18.3	50	1.5	20	35	M5×8.2
LSP 2080	50	20	44	83	18.3	80	1.5	20	65	M5×8.2
LSP 20100	75	20	44	103	18.3	100	1.5	20	85	M5×8.2
LSP 25100	50	25	66	103.8	24	100	1.9	35	75	M5×8.5
LSP 25125	75	25	66	128.8	24	125	1.9	35	100	M5×8.5
LSP 25150	100	25	66	153.8	24	150	1.9	35	125	M5×8.5

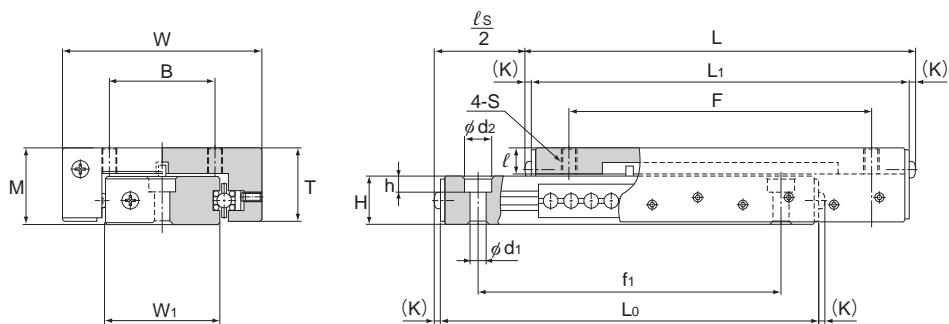


Unit: mm

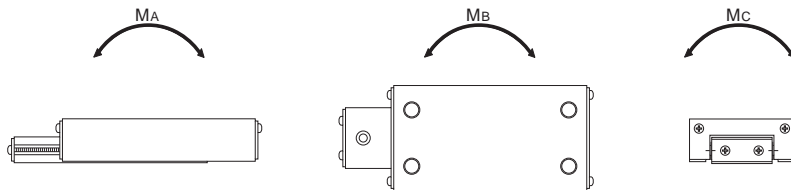
	Base dimensions					Static permissible moment*		Basic load rating		Mass g
	Width W_1	Height H	$d_1 \times d_2 \times h$	Length L_0	f_1	M_A, M_B N-m	M_C N-m	C N	C_0 N	
	12.2	7.7	3.3×6×3.3	40	30	0.88	0.49	68.6	118	
12.2	7.7	3.3×6×3.3	65	55	1.76	0.98	118	206	60	
12.2	7.7	3.3×6×3.3	90	80	3.04	1.27	157	275	85	
22.3	11	5.3×9×5.3	50	35	1.37	2.25	157	284	114	
22.3	11	5.3×9×5.3	80	65	3.53	4.51	304	559	184	
22.3	11	5.3×9×5.3	100	85	5	5.69	392	706	231	
38	15.8	5.3×9×5.3	100	75	9.22	14.5	588	1069	433	
38	15.8	5.3×9×5.3	125	100	12.9	18.1	735	1333	547	
38	15.8	5.3×9×5.3	150	125	17.5	21.9	882	1598	652	

Note) * M_A , M_B and M_C each indicate the permissible moment per LM system, as shown in the figure above.

Model LS



Model No.	Slider dimensions									
	Max. Stroke l_s	Height M ± 0.25	Width W ± 0.25	Length L	T	L_1	(K)	B	F	$S \times l$
LS 827	13	8	14.2	28.7	7.6	27	0.85	5.5	16	M2×3
LS 852	25	8	14.2	53.7	7.6	52	0.85	5.5	41	M2×3
LS 877	50	8	14.2	78.7	7.6	77	0.85	5.5	66	M2×3
LS 1027	13	10	19	28.7	9.2	27	0.85	8.5	16	M3×3.5
LS 1052	25	10	19	53.7	9.2	52	0.85	8.5	41	M3×3.5
LS 1077	50	10	19	78.7	9.2	77	0.85	8.5	66	M3×3.5

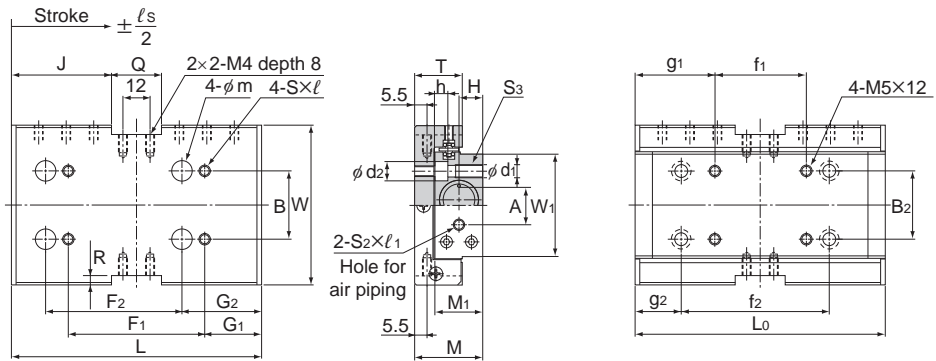


Unit: mm

	Base dimensions					Static permissible moment*		Basic load rating		Mass g
	Width W_1	Height H	$d_1 \times d_2 \times h$	Length L_0	f_1	M_A, M_B N-m	M_C N-m	C N	C_0 N	
	6.2	4.7	2.2×3.9×1.4	27	19	0.2	0.29	39.2	68.6	9
	6.2	4.7	2.2×3.9×1.4	52	35	0.49	0.39	68.6	118	15
	6.2	4.7	2.2×3.9×1.4	77	60	0.88	0.59	98	167	21
	9.6	6.2	3.3×6×3.1	27	19	0.29	0.59	58.8	108	13
	9.6	6.2	3.3×6×3.1	52	35	0.78	1.08	108	186	23
	9.6	6.2	3.3×6×3.1	77	60	1.47	1.57	157	275	34

Note) * M_A , M_B and M_C each indicate the permissible moment per LM system, as shown in the figure above.

Model LSC



Model No.	Max. Stroke ℓ_s	Cylinder Inner diameter	Slider dimensions					
			Theoretical thrust (at 500 kPa) N	Height M ± 0.05	Width W	L	T	B
LSC 1015	15	10	38.2	25	50	80	24	20
LSC 1515	15	15	86.3	30	70	80	21	30
LSC 1530	30	15	86.3	30	70	110	21	30
LSC 1550	50	15	86.3	30	70	150	21	30

Model No.	L_0	B_2	Base dimensions						
			f_2	g_2	f_1	g_1	$d_1 \times d_2 \times h$	A	S_3
LSC 1015	80	20	40	20	—	—	3.3×5.5×3.5	13	M4
LSC 1515	80	30	40	21	23	29.5	5.2×9×5.5	17	M6
LSC 1530	110	30	60	25	40	35	5.2×9×5.5	17	M6
LSC 1550	150	30	100	25	78	36	5.2×9×5.5	17	M6

Model number coding

LSC1515 B S L

Model number

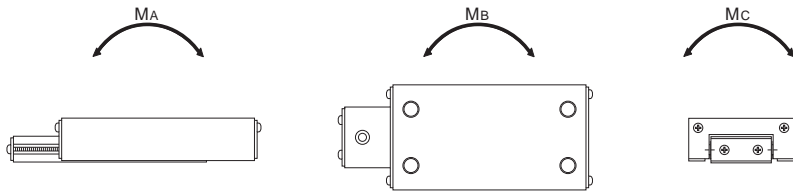
With unit base

With external stopper

With limit switch

Note) Unit base, external stopper and limit switch are not available for model LSC1015.

The speed controller is optional.



Unit: mm

Slider dimensions										
	F_1	G_1	$S \times l$	m	G_2	F_2	J	Q	R	M_1
	40	20	M4×7	5.5	12.5	40	—	—	—	16.5
	40	19	M5×8	9	28.5	40	29	22	4	21
	60	25	M5×8	9	35	60	44	22	4	21
	100	25	M5×8	9	50	50	64	22	4	21

Base dimensions			Static permissible moment*		Basic load rating		Mass kg
W_1	H	$S_2 \times l_1$	M_A, M_B N-m	M_C N-m	C N	C_0 N	
31.2	5.5	M5×5	4.9	7.45	392	676	0.25
45	10.5	M5×4.5	4.9	11.1	392	676	0.37
45	10.5	M5×4.5	8.43	15.4	549	951	0.52
45	10.5	M5×4.5	15.4	22.1	794	1350	0.72

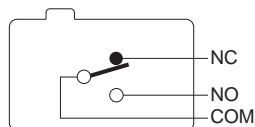
Note) * M_A , M_B and M_C each indicate the permissible moment per LM system, as shown in the figure above.

Limit Switch

The specifications of the limit switch are as follows.

<Limit switch specifications>

Type	D2VW-5L2A-1 (Omron)
Contact type	contact (1C contact)



<Rated Specifications>

Type	Rated voltage (V)		Non-inductive load (A)				Inductive load (A)	
			Resistance load		Ramp load		Inductive load	
			Normally closed	Normally open	Normally closed	Normally open	Normally closed	Normally open
D2VW-5	AC	125	5		0.5		4	
		250	5		0.5		4	
	DC	30	5		3		4	
		125	0.4		0.1		0.4	

Note1) The above figures indicate the constant current.

Note2) Inductive load refers to power factor of 0.7 or greater (alternate current) and time constant of 7 ms or less (direct current).

Note3) Ramp load implies a rush current 10 times greater.

Note4) The above rated values apply when a test is conducted with the following conditions in accordance with JIS C 4505.

(1) Ambient temperature: 20°C ± 2°C

(2) Ambient humidity: 65% ± 5% RH

(3) Operating frequency: 30 times/min

Note) For applications under a minute load (5 to 24 VDC), a minute-load type is available. Contact THK for details.