

LINEAR SLIDES | LCS SERIES

The LCS is designed based on the LCA series with stroke up to 250mm, and peak force up to 90N.



- ✓ High/low speed and precise positioning with high repeatability
- ✓ Ideal for parts feeding, scanning, testing
- ✓ Soft-Land™ capability

Part Number	Voltage [DC]	Size: LxWxH [mm]	Stroke [mm]	Peak Force [N]	Continuous Force [N]	Force Constant [N/A]	Maximum Current [Amp]	Moving Mass [kg]	Weight [kg]
LCS8-010-55-2	24	95x50x8	10	4	(*)	3.2	1.7	0.025	0.16
LCS8-025-15-3	24	110x50x8	25	2.6	(*)	2.2	1.3	0.025	0.17
LCS8-050-15-3	24	135x50x8	50	2.6	(*)	2.2	1.3	0.025	0.21
LCS25-010-55-1	24	70x55x25	10	8	3	6	1.5	0.04	0.27
LCS25-010-55-2	24	130x60x25	10	16	6	5.5	3	0.085	0.45
LCS25-010-75-1	48	70x55x25	10	12	4.8	8	1.5	0.04	0.27
LCS25-010-75-2	48	130x60x25	10	22	8	8	3	0.085	0.45
LCS25-025-15-6	24	130x60x25	25	15	7	13	1.6	0.08	0.55
LCS25-025-35-6	48	130x60x25	25	20.5	8	14.5	1.6	0.08	0.55
LCS25-025-55-2	24	130x60x25	25	7.4	2.9	2.5	3	0.08	0.55
LCS25-025-75-2	48	130x60x25	25	9.2	3.6	3	3	0.08	0.55
LCS25-050-15-6	24	155x60x25	50	15	7	13	1.6	0.08	0.616
LCS25-050-35-6	48	155x60x25	50	20.5	8.8	14.5	1.6	0.08	0.616
LCS25-100-15-6	24	205x60x25	100	15	7	13	1.6	0.08	0.808
LCS25-100-35-6	48	205x60x25	100	20.5	8.8	14.5	1.6	0.08	0.808
LCS25-150-15-6	24	258x60x25	150	15	7	13	1.6	0.08	*
LCS25-150-35-6	48	258x60x25	150	20.5	8.8	14.5	1.6	0.08	*
LCS25-200-15-6	24	310x60x25	200	15	7	13	1.6	0.08	1.183
LCS25-200-35-6	48	310x60x25	200	20.5	8.8	14.5	1.6	0.08	1.183
LCS50-025-75-1	48	125x100x50	25	50	20	40	1.5	0.296	2.118
LCS50-050-35-6	48	250x115x50	50	90	20	67	1.7	0.608	*
LCS50-050-75-1	48	125x100x50	50	45	18	30	1.6	0.33	2.57
LCS50-050-75-2	48	215x100x50	50	85	34	30	3	0.465	4.34
LCS50-100-35-6	48	300x115x50	100	90	36	67	1.7	0.885	5.6
LCS50-150-35-6	48	350x115x50	150	90	36	67	1.7	0.825	8
LCS50-250-35-6	48	450x115x50	250	90	36	67	1.7	0.885	14

NOTE: For any SMAC Moving Coil Actuators, the maximum recommended continuous duty current is 600mA supplied to the actuator over a 1 second period. For anything beyond this in terms of current draw or time please consult the factory. We manufacture actuators to suit our customers' requirements. Please call us if you do not find the right actuator in this list. (*)Consult factory



LCS8



LCS25



LCS50

Options & Modifications (Consult factory for availability)

- Linear encoder resolutions ----- LCS series: 5µm standard, 1µm optional
- Return spring ----- Prevents the shaft from dropping during vertical operation when power is cut.
- Increase of force & acceleration ----- 48 volt coil and double coil options are available for some units with 24 volt single coil.
- Increase of force accuracy/lifetime -- Low-friction linear guide/extra-long preload linear guide.