

# LINEAR SLIDES | LAS SERIES

The LAS series is designed based on the LAL series. Stroke up to 150mm, peak force up to approx. 200N.



- ✓ Soft-Land™ capability and precise force control
- ✓ Ideal for precision positioning and handling fragile material/components

Part Number	Voltage [DC]	Size: LxWxH [mm]	Stroke [mm]	Peak Force [N]	Continuous Force [N]	Force Constant [N/A]	Max Current [Amp]	Moving Mass [kg]	Weight [kg]
LAS35-025-55-2	24	135x90x35	25	31.5	12.6	15.5	2.9	0.19	1.06
LAS35-025-75-1	48	150x90x35	25	18	7	10	1.3	0.15	0.95
LAS35-050-55-1	24	135x90x35	50	10	4	7	1.6	0.13	1.1
LAS35-050-75-1	48	135x90x35	50	12.5	5	10	1.3	0.13	1.1
LAS35-100-55-1	24	135x90x35	100	6	2.4	3.5	1.6	0.13	1.7
LAS35-100-75-1	48	135x90x35	100	7.5	3	5	1.6	0.1	1.3
LAS55-050-55-1	24	250x110x55	50	25	10	19	1.3	0.3	3
LAS55-050-75-1	48	250x110x55	50	40	16	24.5	1.8	0.31	3
LAS55-100-55-1	24	250x110x55	100	16	6.4	13	1.3	0.3	3.8
LAS55-100-75-1	48	250x110x55	100	25	10	19	1.8	0.31	3.8
LAS55-150-55-1	24	250x110x55	150	13	5	10	1.3	0.4	4.5
LAS55-150-75-1	48	250x110x55	150	19.5	8	13	1.8	0.31	4.58
LAS95-015-75-1	48	90x70x95	15	84	33	53	1.7	0.25	2.1
LAS95-015-75-2	48	147x95x70	15	185	74	58	3.2	0.5	4
LAS95-025-75-2	48	179x70x95	25	162	65	52	3.1	0.5	3.78
LAS95-050-75-1	48	147x70x95	50	65	26	41	1.7	0.48	3.6
LAS300-050-75-2	48	210x85x120	50	202	80	86	3	0.8	8.8

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.



LAS35



LAS55



LAS95



LAS300

## Options & Modifications (Consult factory for availability)

- Linear encoder resolutions ----- 5µm standard. 1µm and 0.1µm optional for most units. Consult factory for availability.
- 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.