LINEAR ACTUATORS | LDL SERIES

The LDL series has been designed as a cost-competitive alternative to pneumatics. The LDL is fully programmable in force, acceleration, position and velocity. It allows you to change product profiles on the fly.

GUI

- ✓ Cost competitive
- ✓ Fully programmable in force, position and velocity
- ✓ Graphical User Interface for simple programming

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]
LDL15-010-75-3	48	110x15x70	10	15	6	4.4	3.4	0.07	0.5
LDL15-025-15-6	24	145x15x70	25	11.2	10	7	1.6	0.09	0.7
LDL25-010-35-6	48	155x25.4x63.5	10	30	12	8.4	3.6	0.1	0.9
LDL25-025-35-6	48	155x25.4x63.5	25	30	12	8.4	3.6	0.1	0.9
LDL25-050-35-6	48	180x25.4x63.5	50	30	12	8.4	3.6	0.11	1.1
LDL25-075-35-6	48	220x25.4x63.5	50	30	12	8.4	3.6	0.12	1.3
LDL25-100-35-6	48	260x25.4x63.5	10	30	12	8.4	3.6	0.13	1.6
LDL40-025-35-3	48	190x40x120	25	90	36	40	2.5	0.45	4
LDL40-050-35-3	48	190x40x120	50	90	36	40	2.5	0.47	4
LDL40-075-35-3	48	225x40x120	75	90	36	40	2.5	0.49	4.5
LDL40-100-35-3	48	250x40x120	100	90	36	40	2.5	0.51	5.2

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.



LDL15



LDL25



LDL40

Options & Modifications (Consult factory for availability)

Linear encoder resolutions	5µm standard and 1µm optional.
Shaft ends	Male, Female, Blank and Custom (check availability of custom option).
Return spring	Prevents the shaft from dropping during vertical operation when power is cut.
Vacuum	Vacuum through the shaft or on the shaft for pick and place applications.
Increase of force accuracy/lifetime	Low-friction linear guide/extra-long preload linear guide.