

# 1A motorised linear actuator Stock

## LAT1

## 1 Amp

- 1 Amp motor, Supply 12-24V dc

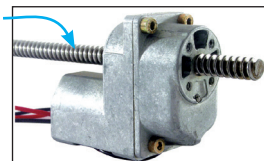
- Accuracy:  $\pm 0.2\text{mm}$

- Material:

Trapezoidal threaded screw: stainless steel AISI430F

- Flexible leadscrew is sold by the metre with un-finished ends

Moving screw



### Advantages

- Screws have M4/M5 threaded ends for easy connection

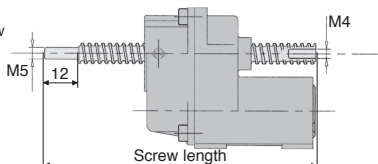
- Protected by sheaths, flexible shafts allow valves, doors or flaps to be operated at a distance

E.g. electric car windows

### Options

- Available in lengths up to 1000mm

- Flexible leadscrew sold by the metre



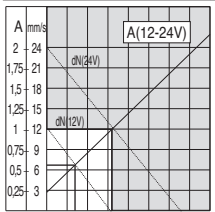
### DISCOUNTS

Qty	1+	2+	5+
Disc.	List -15%		On request

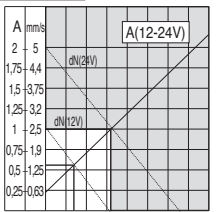
Part number	Ratio	Pitch (mm)	Ext. screw $\varnothing$ (mm)	Screw length (mm)	Stroke (mm)	Bending radius (mm)	Stock*	Price each
<b>Stainless steel leadscrew 3mm pitch</b>								
LAT1-12-3-200	1/12	3,0	8,8	200	141	-	✓	135,34 €
LAT1-12-3-300	1/12	3,0	8,8	300	241	-	-	135,34 €
LAT1-12-3-400	1/12	3,0	8,8	400	341	-	-	135,34 €
LAT1-48-3-200	1/48	3,0	8,8	200	141	-	-	135,34 €
LAT1-48-3-300	1/48	3,0	8,8	300	241	-	-	135,34 €
LAT1-48-3-400	1/48	3,0	8,8	400	341	-	-	135,34 €
LAT1-108-3-200	1/108	3,0	8,8	200	141	-	✓	135,34 €
LAT1-108-3-300	1/108	3,0	8,8	300	241	-	✓	135,34 €
LAT1-108-3-400	1/108	3,0	8,8	400	341	-	✓	135,34 €
<b>Stainless steel leadscrew 10mm pitch</b>								
LAT1-12-10-200	1/12	10,0	7,9	200	141	-	-	135,34 €
LAT1-12-10-300	1/12	10,0	7,9	300	241	-	-	135,34 €
LAT1-12-10-400	1/12	10,0	7,9	400	341	-	✓	135,34 €
LAT1-48-10-200	1/48	10,0	7,9	200	141	-	-	135,34 €
LAT1-48-10-300	1/48	10,0	7,9	300	241	-	-	135,34 €
LAT1-48-10-400	1/48	10,0	7,9	400	341	-	-	135,34 €
LAT1-108-10-200	1/108	10,0	7,9	200	141	-	-	135,34 €
LAT1-108-10-300	1/108	10,0	7,9	300	241	-	-	135,34 €
LAT1-108-10-400	1/108	10,0	7,9	400	341	-	-	135,34 €
<b>Steel flexible leadscrew 3.5mm pitch</b>								
LAT1-12-FLX	1/12	3,5	6,2	1000	941	60	-	135,34 €
LAT1-48-FLX	1/48	3,5	6,2	1000	941	60	-	135,34 €
LAT1-108-FLX	1/108	3,5	6,2	1000	941	60	-	135,46 €

\*Depending on availability - Dimensions in mm

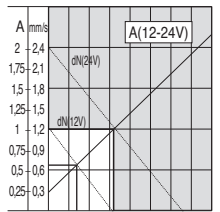
## Performance characteristics



LAT1-12



LAT1-48



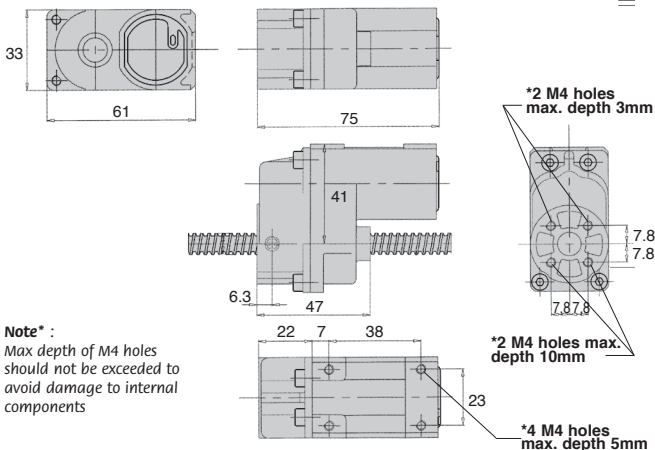
LAT1-108

1A Duty cycle (12V) : 80% On 20% Off  
 1A Duty cycle (24V) : 50% On 50% Off

### Note:

- Optimum power obtained at 50% of max current (see light area of graph)
- Max working temperature: 70°C
- Thermal protection available, contact us for details

**Note**, these tables are for trapezoidal screws with a pitch of 3mm. For a pitch of 10mm, simply divide the loads by 10/3 and multiply the speeds by 10/3 (Similarly for screws with a pitch of 3.5mm, use a factor of 3.5/3.).



### Note\* :

Max depth of M4 holes should not be exceeded to avoid damage to internal components

## Our other products



WJRM  
Drylin® W hybrid bearing block, Hybrid bearings



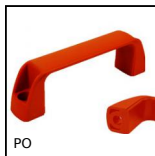
WSSss  
Symmetrical S shaped hook stainless steel, Stainless steel



G0  
Steel spur gear, Steel 20NCD2



BPM-Z  
Plastic slotted spring plunger with ball tip, Plastic body + plastic...



PO  
Pull handle - Multi-sector, Smooth hole



LVT  
Miniature motorised actuator 1A, 1 amper



BLHB30  
Right angled gearbox, bored shafts, up to 4.4 Nm



RPCtcss  
Swivel castor with central hole, Stainless steel - Polyamide



DILC  
Indexing plunger with cam, with cam



BOX-TOR-A  
Box set of Nitrile O-rings in nitrile, 2.90 x 1.78mm to 28.17 x



AC144  
Strike for toggle latch, 22mm



JCDss  
Double universal joint - Stainless steel, Low duty

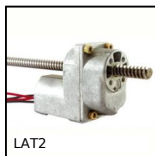
## Complementary products



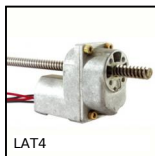
LVT  
Miniature motorised actuator 1A, 1 amper



LVT  
Miniature motorised actuator 1A, 1 amper



LAT2  
2A motorised linear actuator, 2 amperes



LAT4  
4A motorised linear actuator, 4 amperes