

# 2A motorised linear actuator Stock

## LAT2

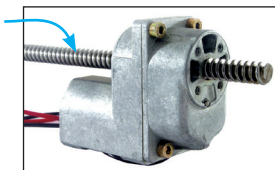
## 2 Amp

- 2 Amp motor, supply 12-24V dc
- Accuracy: +/-0.2mm
- Material:

Trapezoidal threaded screw:  
stainless steel AISI430F

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

Moving screw

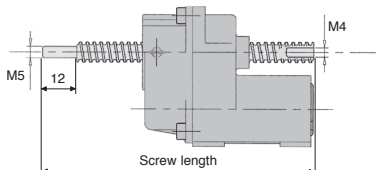


### Advantages

- Screws have M4/M5 threaded ends for easy connection
- Protected by sheaths, flexible shafts allow valves, doors or traps to be operated at a distance  
E.g. electric car windows

### Options

- Available in lengths up to 1000mm
- Flexible leadscrew sold by the metre



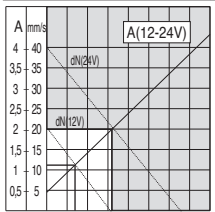
### DISCOUNTS

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

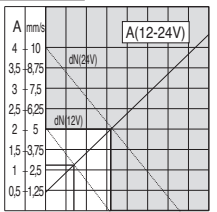
Part number	Ratio	Pitch (mm)	Ext. screw Ø (mm)	Screw length (mm)	Stroke (mm)	Bending radius (mm)	Stock*	Price each
<b>Stainless steel leadscrew 3mm pitch</b>								
LAT2-12-3-200	1/12	3,0	8,8	200	141	-	✓	135,34 €
LAT2-12-3-300	1/12	3,0	8,8	300	241	-	-	135,34 €
LAT2-12-3-400	1/12	3,0	8,8	400	341	-	✓	135,34 €
LAT2-48-3-200	1/48	3,0	8,8	200	141	-	✓	135,34 €
LAT2-48-3-300	1/48	3,0	8,8	300	241	-	-	135,34 €
LAT2-48-3-400	1/48	3,0	8,8	400	341	-	✓	135,34 €
LAT2-108-3-200	1/108	3,0	8,8	200	141	-	✓	135,34 €
LAT2-108-3-300	1/108	3,0	8,8	300	241	-	-	135,34 €
LAT2-108-3-400	1/108	3,0	8,8	400	341	-	✓	135,34 €
<b>Stainless steel leadscrew 10mm pitch</b>								
LAT2-12-10-200	1/12	10,0	7,9	200	141	-	-	135,34 €
LAT2-12-10-300	1/12	10,0	7,9	300	241	-	-	135,34 €
LAT2-12-10-400	1/12	10,0	7,9	400	341	-	✓	135,34 €
LAT2-48-10-200	1/48	10,0	7,9	200	141	-	-	135,34 €
LAT2-48-10-300	1/48	10,0	7,9	300	241	-	-	135,34 €
LAT2-48-10-400	1/48	10,0	7,9	400	341	-	-	135,34 €
LAT2-108-10-200	1/108	10,0	7,9	200	141	-	-	135,34 €
LAT2-108-10-300	1/108	10,0	7,9	300	241	-	-	135,34 €
LAT2-108-10-400	1/108	10,0	7,9	400	341	-	✓	135,34 €
<b>Steel flexible leadscrew 3.5mm pitch</b>								
LAT2-12-FLX	1/12	3,5	6,2	1000	941	60	-	135,34 €
LAT2-48-FLX	1/48	3,5	6,2	1000	941	60	-	135,34 €
LAT2-108-FLX	1/108	3,5	6,2	1000	941	60	-	135,34 €

\*Depending on availability - Dimensions in mm

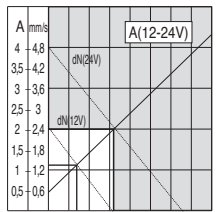
## Performance characteristics



**LAT2-12**



**LAT2-48**



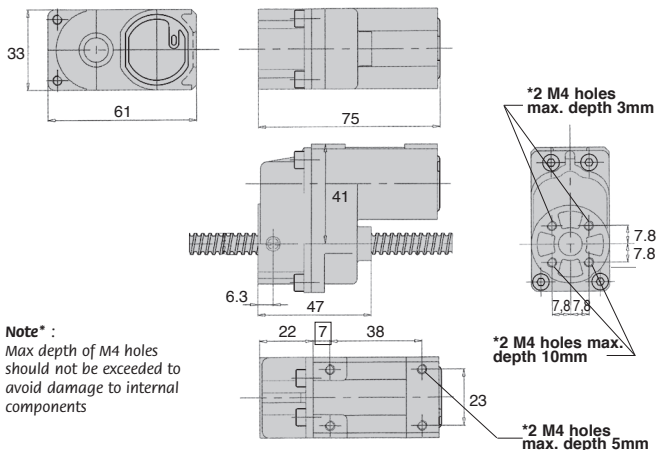
**LAT2-108**

2A Duty cycle (12V) : 50% On 50% Off  
 2A Duty cycle (24V) : 20% On 80% 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.).



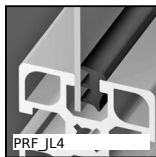
**Note\* :**

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

## Our other products



Corner reinforcement,  
Corner reinforcement



Lip seal for panel,  
Door seal - Ø 4mm



Eccentric cam  
follower, Eccentric



Adjustable cross  
clamp, Adjustable



Cylindrical elasto  
mount, Steel



Plastic spur gear,  
Machined plastic  
(delrin)



High Temperature  
Castor, up to 200kg



Right angle helical  
reducers, from 2.30 to  
20 Nm



Adjustable support  
arm, Single clamp



Precision linear rotary  
ball spline, Rail - from  
514 N to 15386 N



Ball transfer unit plain  
fit, High



Bearing locknut, Self  
locking locknut - nylon  
lock washer

## Complementary products