

# 4A motorised linear actuator



## LAT4

4 Amp

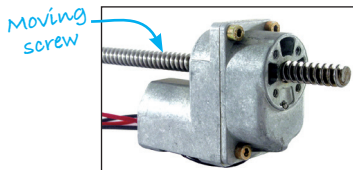
- 4 Amp motor, Supply 12V dc

- Accuracy: +/-0.2mm

- Material:

Trapezoidal threaded screw:  
stainless steel AISI430F

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



### Advantages

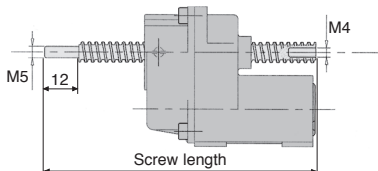
- Screws have M4/M5 threaded ends for easy connection

- 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



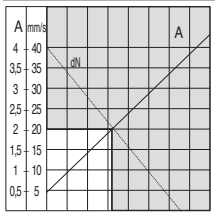
### DISCOUNTS

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

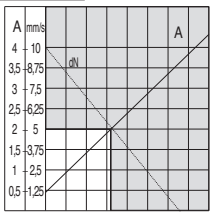
Part number	Ratio	Pitch (mm)	Ext. screw Ø (mm)	Screw length (mm)	Stroke (mm)	Bending radius (mm)	Price each
<b>Stainless steel leadscrew 3mm pitch</b>							
LAT4-12-3-200	1/12	3,0	8,8	200	141	-	135,34 €
LAT4-12-3-300	1/12	3,0	8,8	300	241	-	135,34 €
LAT4-12-3-400	1/12	3,0	8,8	400	341	-	135,34 €
LAT4-48-3-200	1/48	3,0	8,8	200	141	-	135,34 €
LAT4-48-3-300	1/48	3,0	8,8	300	241	-	135,34 €
LAT4-48-3-400	1/48	3,0	8,8	400	341	-	135,34 €
LAT4-108-3-200	1/108	3,0	8,8	200	141	-	135,34 €
LAT4-108-3-300	1/108	3,0	8,8	300	241	-	135,34 €
LAT4-108-3-400	1/108	3,0	8,8	400	341	-	135,34 €
<b>Stainless steel leadscrew 10mm pitch</b>							
LAT4-12-10-200	1/12	10,0	7,9	200	141	-	135,34 €
LAT4-12-10-300	1/12	10,0	7,9	300	241	-	135,34 €
LAT4-12-10-400	1/12	10,0	7,9	400	341	-	135,34 €
LAT4-48-10-200	1/48	10,0	7,9	200	141	-	135,34 €
LAT4-48-10-300	1/48	10,0	7,9	300	241	-	135,34 €
LAT4-48-10-400	1/48	10,0	7,9	400	341	-	135,34 €
LAT4-108-10-200	1/108	10,0	7,9	200	141	-	135,34 €
LAT4-108-10-300	1/108	10,0	7,9	300	241	-	135,34 €
LAT4-108-10-400	1/108	10,0	7,9	400	341	-	135,34 €
<b>Steel flexible leadscrew 3.5mm pitch</b>							
LAT4-12-FLX	1/12	3,5	6,2	1000	941	60	135,34 €
LAT4-48-FLX	1/48	3,5	6,2	1000	941	60	135,34 €
LAT4-108-FLX	1/108	3,5	6,2	1000	941	60	135,34 €

\*Depending on availability - Dimensions in mm

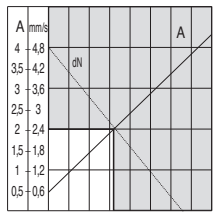
## Performance characteristics



**LAT4-12**



**LAT4-48**



**LAT4-108**

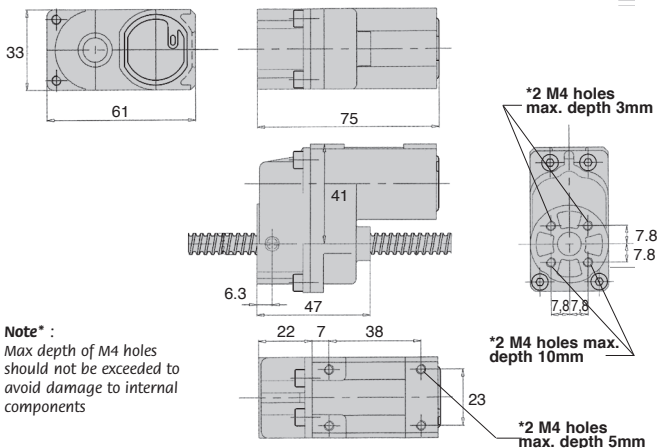
4A Duty cycle (12V) : 20% On 80% Off

**Important : motor only available in 12 V DC version.**

**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 (ditto for screws with a pitch of 3.5mm with the factor 3.5/3).



**Note\* :**

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

## Our other products



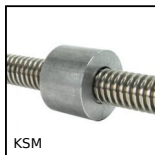
SLBWSS

Indexing plunger, weldable, Stainless steel



BAC110

Swivel storage bin, Storage bin



KSM

Cylindrical steel nut, Steel - 1 thread



PP60

Worm and wheel gear reducer, from 17.80 to 34 Nm



RBNpl

Swivel castor with plate, Steel - rubber



FBL6000\_K13

Brush strip per meter PP fibres Ø0.2, Black striated polypropylene

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BPHF

Ball transfer unit push fit, Heavy



NSKB

Drylin® Rail end cap, Rail end cap



SSB

Stainless steel bevel gear, 1:1



HSE-HSB

Hexagonal spacer, Brass



OP7

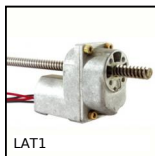
Mechanical digital position indicator, 5 numbers



GE32

Sprung toggle latch with connecting link, Standard

## Complementary products



LAT1

1A motorised linear actuator, 1 ampere



LVT

Miniature motorised actuator 1A, 1 ampere



LVT

Miniature motorised actuator 4A, 4 ampers



LVT

Miniature motorised actuator 4A, 4 ampers