

# Linear actuator

Ecomag

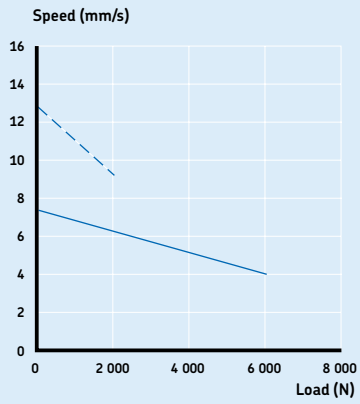
## Benefits

- Compact
- Cost effective
- Silent operation
- Control unit can be mounted to the actuator



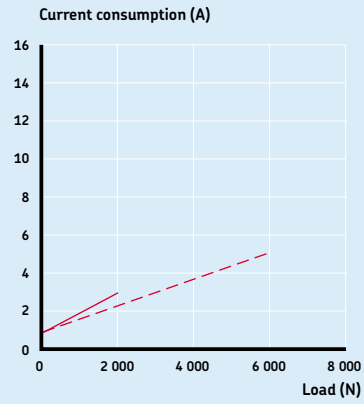


Performance diagrams



— ECO 20 / 30 / 40 / 50  
 - - - ECO 60 / 70 / 80 / 90

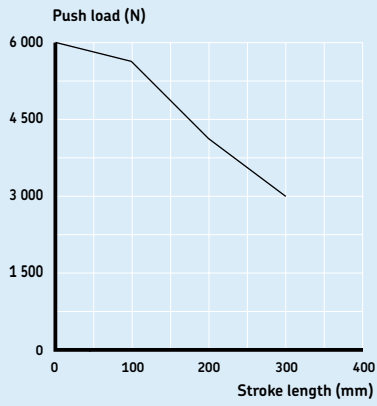
Speed-load diagram



— ECO 20 / 30 / 40 / 50  
 - - - ECO 60 / 70 / 80 / 90

Current-load diagram

Safety factor load conditions



Push load reduction  
 Safety factor=4

Ordering key

ECO - - - - - - - - - - 000

Type

Load /Housing:

Push	Pull	Housing	
2 000 N	0	Large	2
2 000 N	2 000 N	Large	3
2 000 N	0	Small	4
2 000 N	2 000 N	Small	5
6 000 N	0	Large	6
6 000 N	4 000 N	Large	7
6 000 N	0	Small	8
6 000 N	4 000 N	Small	9

Encoder:

No encoder, coiled cable, 2-pin Minifit plug or customization	0
No encoder, coiled cable, DIN8 plug or customization	9
Encoder, 8 pulses, 2-hall, straight cable, DIN8 plug/or customization	F

Current cut-off:

No	0
Yes (not available for ECO4.-/ECO5.-/ECO8.-/ECO9.-)	1

Stroke (S):

50 mm	05
100 mm	10
150 mm	15
200 mm	20
250 mm	25
300 mm	30
Other stroke lengths; 50<S<300 mm	00

Front attachment (groove depth 17 mm):

Hole, Ø=10 mm, groove width 6 mm (Not available for ECO 3 - 5 - 7 - 9)	A
Hole, Ø=10 mm, groove width 8 mm	B
Hole, Ø=10 mm, groove width 10 mm	C
Hole, Ø=12 mm, groove width 6 mm (Not available for ECO 3 - 5 - 7 - 9)	K
Hole, Ø=12 mm, groove width 8 mm (Not available for ECO 3 - 5 - 7 - 9)	L
Hole, Ø=12 mm, groove width 10 mm	M
Customized	X

Rear attachment (groove depth 15 mm):

Hole, Ø=12 mm, groove width 10 mm	M
Customized	X

Orientation of rear attachment:

0°	1
45°	3
90°	5
135°	7

Color:

Black	A
Grey	B

Option:

No option	0
Back-up nut (available only for drives with 6 kN, mandatory for UL 2601) - only for ECO 7/9, L = +23 mm	A
<b>FOR ECO3.-/ECO5.- ONLY (no back-up nut)</b>	
Quick-release, push load, fork head bore parallel to lever, L = +40 mm, integrated anti-pinching protection.	B
Quick-release, push load, bore 90° to lever, L = +40 mm, integrated anti-pinching protection.	C
Quick-release, pull load, fork head bore parallel to lever, L = +40 mm, integrated anti-pinching protection.	F
Quick-release, pull load, fork head bore 90° to lever, L = +40 mm, integrated anti-pinching protection.	G
Mechanical anti-pinching protection pull, motor direction push, L = +13 mm.	K
Mechanical anti-pinching protection push, motor direction pull, L = +13 mm.	L

Options written in italic fonts are only available on demand. Please contact SKF.

