

# TA5P

Series



## Product Segments

Comfort Motion

### TA5 Series

The TA5P series linear actuator retains the same high quality features as the TA5. This linear actuator is designed using a one-piece aluminum outer cover for increased strength and enhanced protection from contaminants. The TA5P utilizes a linear slide to move the load, instead of a standard extension tube. Industry certifications for the TA5P include EMC and RoHS. It is also available with Hall sensors for position feedback and a special L-shaped mounting bracket.

### General Features

<b>Voltage of motor</b>	12V DC, 24V DC, or 36V DC
<b>Maximum load</b>	6,000N in push
<b>Maximum load</b>	3,000N in pull
<b>Maximum speed at no load</b>	58.0mm/s
<b>Maximum speed at full load</b>	30.0mm/s
<b>Color</b>	black
<b>Certificate</b>	EMC, UL 962 and RoHS
<b>Option</b>	Hall sensor(s), L-shaped bracket

**Specially designed for recliner**

**One-piece design, stronger structure, cable-free**

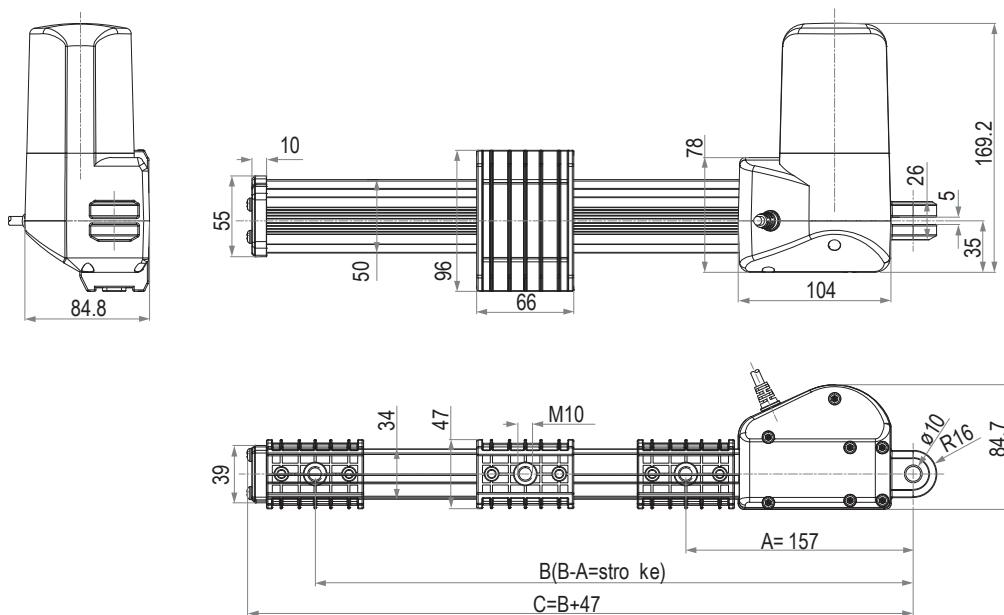


## MOTION AND AUTOMATION

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**Drawing**

Standard Dimension



**Load and Speed**

CODE	Rated Load		Self Locking N (PUSH)	Typical Current at Rated Load (A)	Typical Speed	
	PUSH N	PULL N			No Load (32V DC) mm/s	Rated Load (24V DC) mm/s
<b>Motor Speed (2600RPM)</b>						
A	750	750	250	4.5	44.5	23.6
C	5000	3000	2500	5.0	7.1	3.9
D	6000	3000	4000	5.0	5.4	2.9
E	3000	3000	1500	4.0	11.0	6.2
F	2500	2500	1000	4.0	15.8	7.8
G	2000	2000	1000	5.0	22.5	13.0
H	1200	1200	350	4.0	33.0	19.0
J	3000	3000	3000	4.5	11.1	5.8
<b>Motor Speed (3400RPM)</b>						
L	6000	3000	4000	5.0	7.0	3.9
M	3000	3000	1500	4.8	14.6	8.2
N	2500	2500	1000	4.5	21.0	11.0
O	2000	2000	1000	4.5	29.2	16.0
P	1200	1200	350	5.0	43.5	23.0
Q	3000	3000	3000	5.2	14.5	7.6
S	750	750	250	4.5	58.0	30.0
T	5000	3000	2500	5.0	9.2	4.6

**Note**

- The left diagram shows the speed and current figures under pushing condition.
- Speed would be the same if with 12V motor, but with double current consumption.
- Options: C/D/E/F/G/J/L/M/N/O/Q/T use metal bearing, and others use plastic bearing.

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