

T50

Rack actuator
Thrust force 500N
Adjustable stroke max.1000 mm



PRODUCT DESCRIPTION

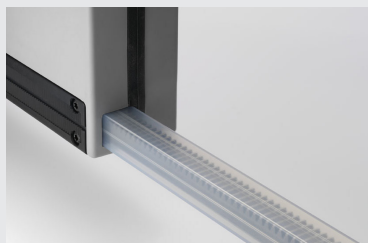
Linear electrical actuator, model T50, with rack, with self-aligning swivel movement, complete with brackets and fitting accessories for top hung windows. Available at 230V 50Hz or at 24V DC. Max. applicable force 500N, max. stroke 1000mm +/- 20mm. Stroke adjustable about every 50mm by external adjusting selector. Preset for the mechanical connection of 2 or more push points by transmission rod. S version for simultaneous synchronization and operation of two actuators installed on a single window (without connecting bar) available on demand . CE marked device.



Connection of several drives by adding connecting rods and rack groups for the installation in large windows.



Fast installation without the need of power, thanks to the self-aligning sliding bracket with easy adjustment in 2mm steps along the body of the actuator.



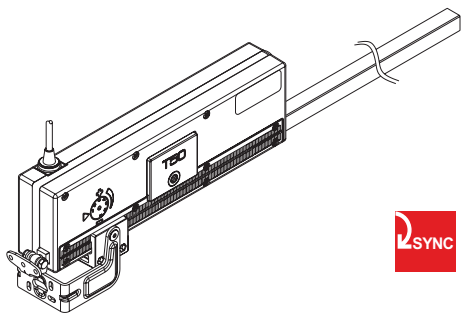
High protection IP 55 rated.



TECHNICAL SPECIFICATIONS

	T50 230V	T50 24V
Power supply voltage	230V ~ 50Hz	24 V d.c.
Max. applicable load	500 N	
2 push points (1 master + 1 slave)	500 N	
2 push points (1 master + 1 master)	700 N	
3 push points (1 master + 2 slave)*	450 N	
Distance between 2 push points	max 2,4m - min 1m (1,5m between 2 masters)	
Available strokes (+/- 20mm) T50 mod. 320	150 - 200 - 250 - 320 mm	
Available strokes (+/- 20mm) T50 mod. 500	150 - 200 - 250 - 320 - 400 - 450 - 500 mm	
Available strokes (+/- 20mm) T50 mod. 750	180 - 280 - 370 - 470 - 560 - 650 - 750 mm	
Available strokes (+/- 20mm) T50 mod. 1000	Millimetrically adjustable on demand	
Absorbed current at max. load	0,3 A	1,4 A
Idle translation speed	18 mm/s	10 mm/s
Duration of the idle stroke	(stroke/idle translation speed)	
Double insulated	YES	-
Service type	S2 of 4 min	
Operating temperature	- 5°C +55°C	
Protection class	IP 55	
Parallel connection option	YES	
Stroke end	encoder	

* Operation up to 6 drives on the same window frame is possible by transmission rod. Ask our technical dept. for the placement of the pushing points and the calculation of the thrust force.



T50 Actuator Kit (master)

3C20001	T50 Rack actuator 230V stroke 320 mm (adjustable)
3C20002	T50 Rack actuator 230V stroke 500 mm (adjustable)
3C20013	T50 Rack actuator 230V stroke 750 mm (adjustable)
3C22004	T50S Rack actuator 230V stroke 1000 mm (adjustable) *
3C20003	T50 Rack actuator 24V stroke 320 mm (adjustable)
3C20004	T50 Rack actuator 24V stroke 500 mm (adjustable)
3C20014	T50 Rack actuator 24V stroke 750 mm (adjustable)
3C22008	T50S Rack actuator 24V stroke 1000 mm (adjustable) *



T50S version for the synchronous operation of two T50 on the same window frame available upon request.

* T50S with stroke 1000mm is equipped with electronic board for the synchronized operation of 2 actuators on the same window. Thrust force 400N.



T50 Rack assembly kit (slave)

3C2100	T50 Rack assembly stroke 320 mm (connection and fitting accessories included)
3C2101	T50 Rack assembly stroke 500 mm (connection and fitting accessories included)
3C2104	T50 Rack assembly stroke 750 mm (connection and fitting accessories included)
3C2105	T50 Rack assembly stroke 1000mm (connection and fitting accessories included)

T50 connection rod

1C2505	T50 connecting rod - Length 1500 mm (interaxis max. 1400 mm)
1C2509	T50 connecting rod - Length 3000 mm (interaxis max. 2400 mm)

Description of the standard pattern for 2 push points

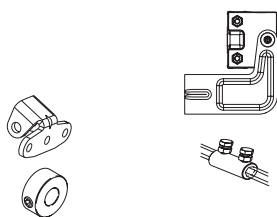
3C20001	T50 Rack actuator 230V stroke 320 mm (adjustable)
3C2100	T50 Rack assembly stroke 320 mm
1C2505	T50 connecting rod - Length 1500 mm

Description of the standard pattern for 3 push points

3C20001	T50 Rack actuator 230V stroke 320 mm (adjustable)
3C2100	T50 Rack assembly stroke 320 mm
	T50 Rack assembly stroke 320 mm
1C2509	T50 connecting rod - Length 3000 mm

Accessories and spare parts

8C0016	CC1 control unit for simultaneous stop max 3 T50 230V stroke 320mm
3C2010	Actuator support brackets
3C2001	Spare parts and sash bracket
1C2804	Junction ring between the connecting rods for 3 push point
0A0483	connecting rod stop



	A
T50 320 mm	576.5mm
T50 500 mm	746.5mm
T50 750 mm	983.5mm
T50 1000mm	1246.5mm

