

T50

Rack actuator
Thrust force 500N
Adjustable stroke
max. 750mm



18

Description for technical specifications

Linear electrical actuator, model T50, with self-aligning swivel movement, with stroke, complete with brackets and fitting accessories for top hung windows. Available at 230V 50Hz or at 24V DC. Max. applicable force 500N, max. stroke 750 mm +/- 20mm. Stroke adjustable about every 50mm by external adjusting selector. Preset for the mechanical connection of 2 or more push points by transmission rod. CE marked device.

Technical characteristics

	T50 230 V	T50 24 V
Power supply voltage	230V ~ 50Hz	24V DC
Max. applicable load		500N
Max. applicable load tandem version (1 master + 1 slave)		500N
Max. applicable load tandem version (1 master + 1 master)		700N
Max. applicable load tandem version (1 master + 2 slaves)*		450N
Distance between 2 push points	max 2,4 m - min 1m. (1,5 m. 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	
Absorbed current at max. load	0,3 A	1,4 A
Idle translation speed	18mm/sec	10mm/sec
Duration of the idle stroke	(stroke/idle translation speed)	
Double electrical insulation	YES	-
Service type		S2 of 4 min
Operating temperature		-5° + 55° C
Protection degree of electric devices		IP55
Parallel connection of more actuators		YES
Adjustment of stroke end and strokes		encoder
Dimensions	from 600 up to 1030x62x94 mm	

* On the same window frame can be mounted up to 6 drives linked by transmission rod. Ask our technical dept. for the placement of the pushing points and the calculation of the thrust force.

Applications: top hung windows, domes, skylights.

