



22/09/2016

**MAESTRIA 50 WT
TECHNICAL DATA MOTOR**

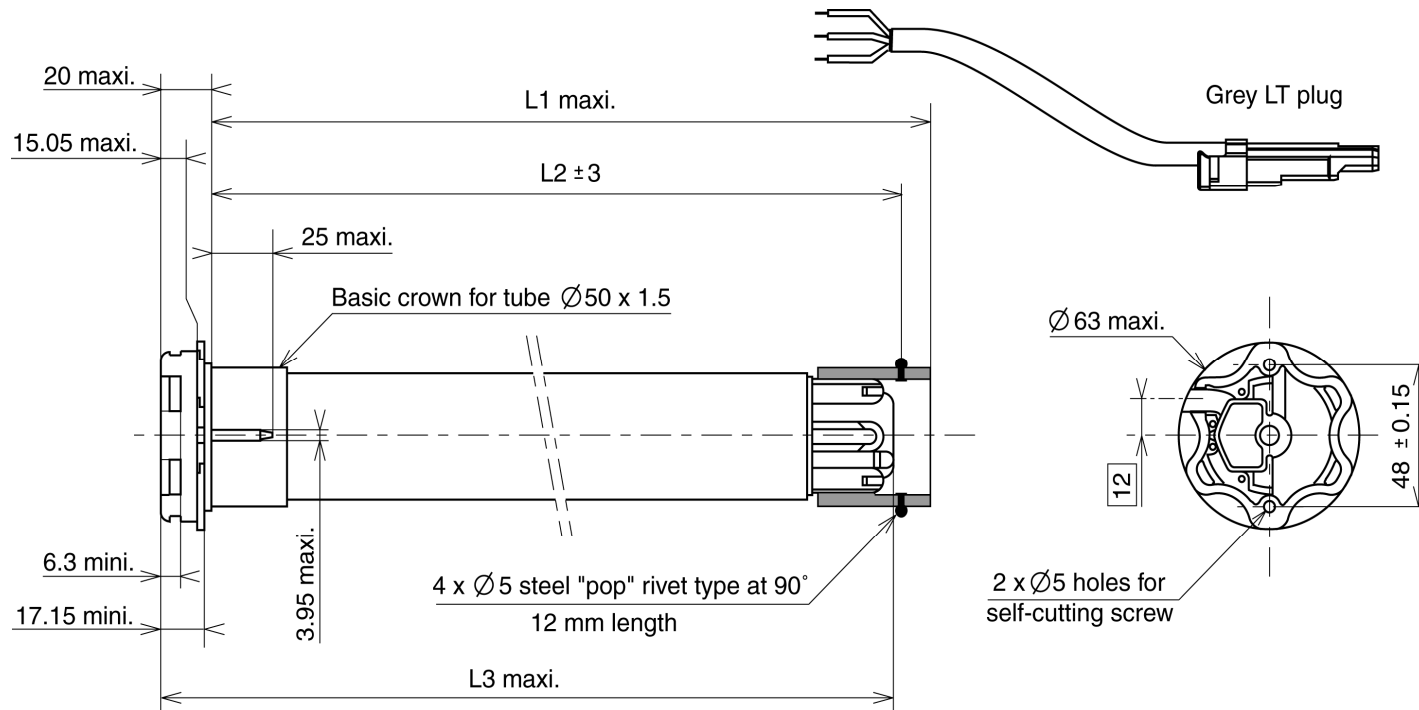
SDEV-CLU-IMPS 61R0

TDST DOC135702 000

Range 1

Type of head	Star Head
Nominal voltage	230 V - 50 Hz
Power supply tolerances	195,5-255 V AC
Thermal time	4 minutes
Number of wires of the cable	4
Wire section	0,75 mm ²
Maximum length of the cable between switch and motor	50m
Type of limit switch unit	Electronic
Capacity of the LSU	250 turns limited to 3 minutes of rotation w/o STOP
Repeatability	< ± 5°
System of protection	IP 44
Interface drawings	Wheel interface LT50 206821-Crown interface LT50 206822-Bracket interface LT50RH 206824 Screw implantation for LT50 RH mounting 206867
Safety Security	http://www.somfy.com/ce/index.cfm
Electromagnetic compatibility	http://www.somfy.com/ce/index.cfm
Principle	The principle of the Maestria WT is to motorize all type of vertical screens exepeted screens with locks (Standard,zip, etc)
Basic crown for tube Ø	50 x 1,5 mm
Temperature working range	80% of life time between -10°C to +40°C 20% of life time between -20°C to +70°C
Noise Level	According to SOMFY measures (for information only). Worse value: in load up direction during 10 seconds.

Designation	Nm	rpm	Reference	mm	mm	mm	²	A	kg	mm	°C	Brake type	dBA	mm	µF
	Nominal torque	Nominal speed		L1 max.	L2 (±3 mm)	L3 max.	Rated power	Rated current	Weight	tube	Thermal tripping		Noise	Stator	Capacitor
Maestria 50 WT 6/17	6	17	5 127 889	555	540	563	90	0,45	1,85	490	140	Sliding	47	30	2,8
Maestria 50 WT 6/32	6	32	5 127 886	605	590	613	120	0,5	2,214	540	140	Sliding	52	40	3,3
Maestria 50 WT 10/17	10	17	5 127 890	555	540	563	120	0,5	1,985	490	140	Sliding	47	40	3,3
Maestria 50 WT 10/32	10	32	5 127 887	605	590	613	160	0,75	2,215	540	150	Sliding	54	70	5,5
Maestria 50 WT 15/17	15	17	5 127 891	605	590	613	140	0,65	2,12	540	150	Sliding	50	55	4,5
Maestria 50 WT 15/32	15	32	5 127 888	655	640	663	240	1,1	2,585	590	150	Sliding	55	100	7
Maestria 50 WT 25/17	25	17	5 127 892	605	590	613	170	0,8	2,34	540	150	Sliding	56	80	6
Maestria 50 WT 35/17	35	17	5 127 893	655	640	663	240	1,1	2,56	590	150	Sliding	56	100	7



Name Date	R&D	QUALITY	EDITOR
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