



27/02/2012

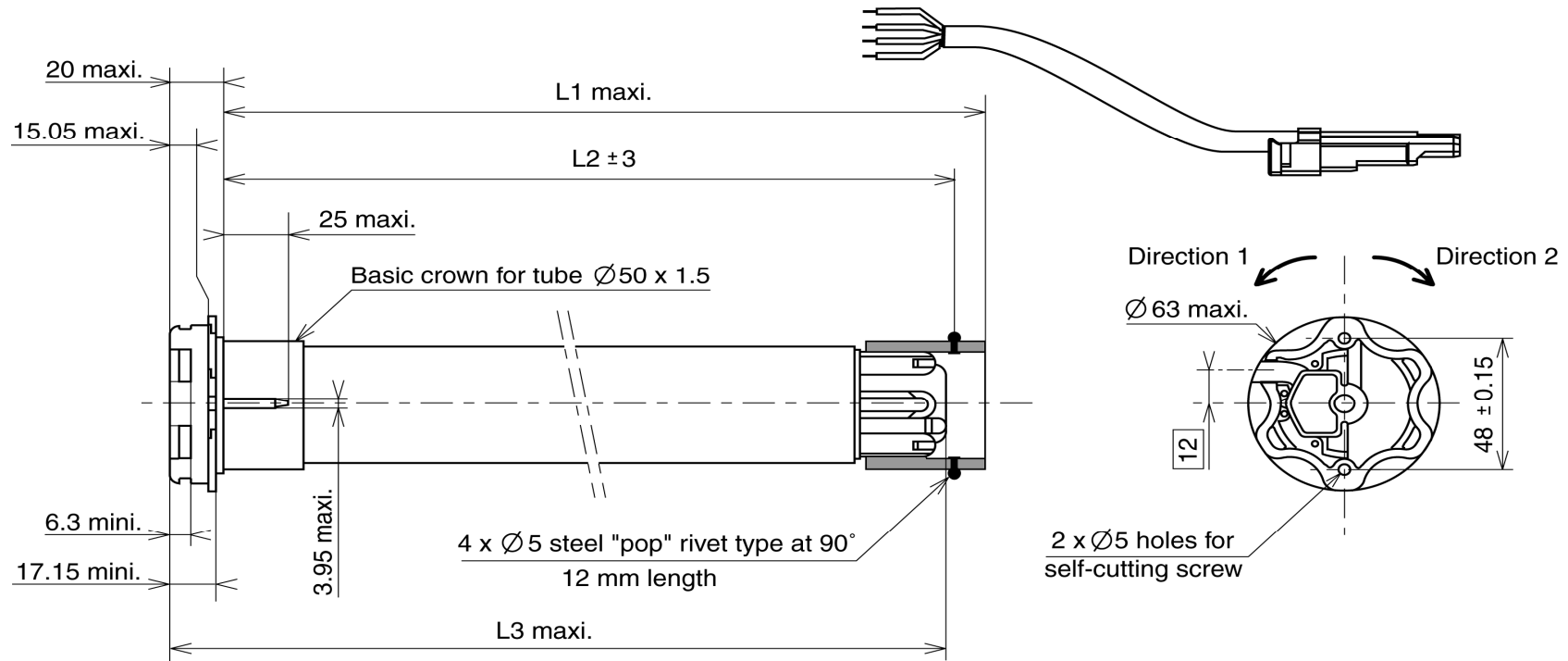
OREA 50 WT TECHNICAL DATA MOTOR

SDEV-CLU-IMPS 61R0
TDST DOC105851 001
OREA 50 WT Range 1

Type of head	Star Head
Nominal voltage	230 V 50 Hz
Power supply tolerances	207 - 253 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	< ± 4°
System of protection	IP 44
Interface drawings	Screw implantation for LT50 mounting 206810-Wheel interface LT50 206821-Crown interface LT50 206822-Interface drawing star head LT50 and LT50PA/PS 206823
Principle	The principle of the OREA WT is to stop in up limit with an electronic stop detection
Basic crown for tube Ø	50 x 1,5 mm
Temperature working range	Normal use: -10°C to +40°C Exceptional use (20% of the life time not simultaneous): -20°C to +70°C
Noise level	According to SOMFY measures (for information only). Worse value: in load up direction during 10 seconds.

	Nm	rpm		mm	mm	mm	mm	W	A	°C		kg	dBA
Designation	Nominal torque	Nominal speed	Reference	L1 max.	L2 (±3 mm)	L3 max.	tube	Rated power	Rated current	Thermal tripping	Brake type	Weight	Noise
OREA 50 WT 6/17	6	17	5010970	605	590	613	540	90	0,45	140	Sliding	1,72	47
OREA 50 WT 10/17	10	17	5010971	655	640	663	590	120	0,5	140	Sliding	1,85	47
OREA 50 WT 15/17	15	17	5010972	655	640	663	590	140	0,65	150	Sliding	1,95	50
OREA 50 WT 20/17	20	17	5010973	655	640	663	590	160	0,75	150	Sliding	2,15	53
OREA 50 WT 25/17	25	17	5010974	655	640	663	590	170	0,8	150	Sliding	2,2	56
OREA 50 WT 30/17	30	17	5010975	675	660	683	610	240	1,1	150	Sliding	2,55	55
OREA 50 WT 35/17	35	17	5010976	675	660	683	610	240	1,1	150	Sliding	2,55	56
OREA 50 WT 40/17	40	17	5010977	745	730	753	680	270	1,2	140	Coil Brake	2,8	57
OREA 50 WT 50/12	50	12	5010978	675	660	683	610	240	1,1	150	Sliding	2,75	55

WIRING	Neutral	Blue
	Direction 1	Brown
	Direction 2	Black
	Earth	Green / Yellow



Name Date	R&D	QUALITY	EDITOR
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