

30 - 10 - 2008

LW25 DMKI-FPTER1

designation	LW 25 B44 & LW 25 B83
range	Motor

FUNCTIONS

The LW 25 B44 and LW 25 B83 are double output shafts motors, with integrated overtorque limiter, integrated brake & shaft play equalizer



TECHNICAL SPECIFICATIONS	Units	LW 25 B44	LW 25 B83
Nominal load torque*	(Nm)	0.4	0.8
Nominal stall torque*	(Nm)	0.75	1.1
Maximum stall torque (during 80ms max)	(Nm)	2.5	2.5
Average speed at nominal load (way Up)*	(r.p.m)	40	30
Average speed no load (way Up & Down)*	(r.p.m)	50	50
Maximum continuous current consumption	(A)	0.3	0.47
Maximum starting up current consumption (during 90ms max)	(A)	0.9	0.97
Maximum stall current consumption (during 75ms max)	(A)	1.1	1.2
Motor nominal supply voltage	(Vdc)	24	24
Motor maximum supply voltage	(Vdc)	27	27
Motor minimum supply voltage	(Vdc)	20	20
Maximum off center possibility of output shaft	(mm)	+/- 0.7	+/- 0.7
Maximum running time in blind	(min)	7	7
Dielectric strength with a Safety Extra Low Voltage		III	III
Standards		CE	CE
Supply cable type	(mm ²)	2 x 0.25	2 x 0.25
Approx. weight	(g)	195	195
US Patents numbers		US 5.857.553 US 5.847.915	US 5.857.553 US 5.847.915
For other countries, please contact us for the patent numbers			

* Under 24Vdc regulated power supply at 20°C

WARNINGS

- For interior use only. Strictly forbidden for sealed glass applications
- Somfy requires to use LW25B44 & LW25B83 motors with 24 Vdc regulated power supply only
- Somfy recommends to place the motor in the center of the headrail (maximum split of CTS25 or lift and tilt accessories : 2/3 - 1/3)

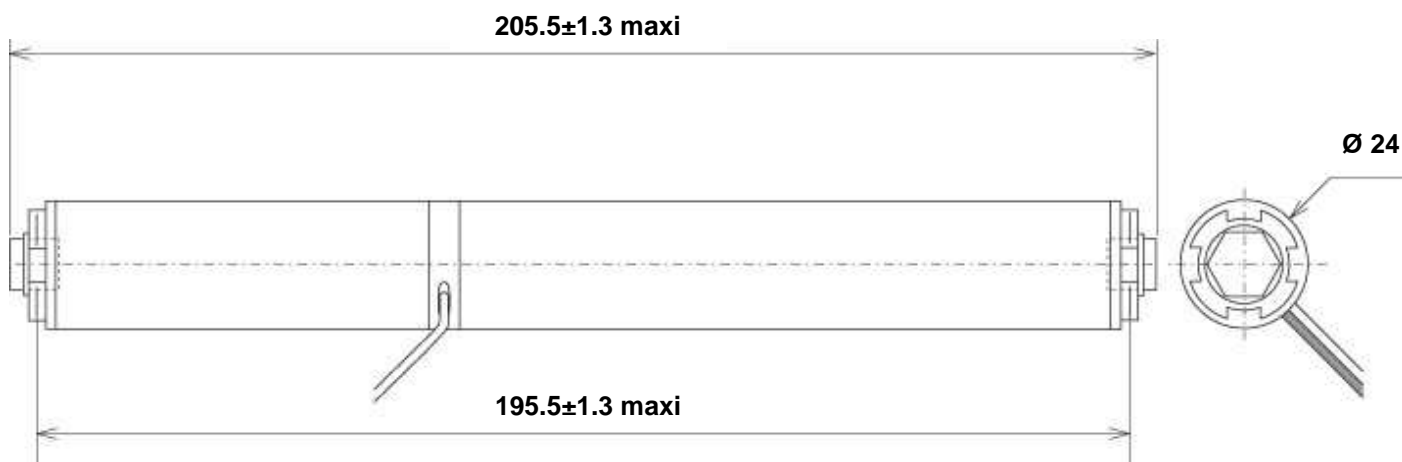
WORKING TEMPERATURE & MAXIMUM NUMBER OF CYCLES (EN14202 - Classe 2)

From -10°C (14°F) till 60°C (140°F): 5 000 cycles*

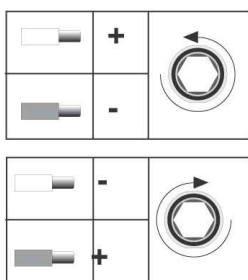
Restriction : from -10°C (14°F) till 0°C (32°F): 10 0 cycles* - Nominal performances not guaranteed

* 1 cycle = 1 up/down movement of 2m height for a blind equipped with CTS25

DIMENSIONS & WIRING



For Gearbox A



Gearbox B

Gearbox A

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