

<b>designation</b>	<b>LV 25 B44 &amp; LV 25 B64</b>
<b>range</b>	<b>Motor</b>

## FUNCTIONS

The LV 25 B44 and LV 25 B64 are single output shaft motors, with integrated overtorque limiter, integrated brake & shaft play equalizer



TECHNICAL SPECIFICATIONS	Units	LV 25 B44	LV 25 B64
Nominal load torque*	(Nm)	0.4	0.6
Nominal stall torque*	(Nm)	0.9	1.0
Maximum stall torque (during 80ms max)	(Nm)	2.5	2.5
Average speed at nominal load (way Up)*	(r.p.m)	40	35
Average speed at no load (way Up & Down)*	(r.p.m)	50	50
Maximum continuous current consumption	(A)	0.27	0.37
Maximum starting up current consumption (during 90ms max)	(A)	0.9	0.95
Maximum stall current consumption (during 75ms max)	(A)	1.1	1.1
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 <sup>2</sup> )	2 x 0.25	2 x 0.25
Approx. weight	(g)	145	145
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 LV25B44 & LV25B64 motors with 24 Vdc regulated power supply only

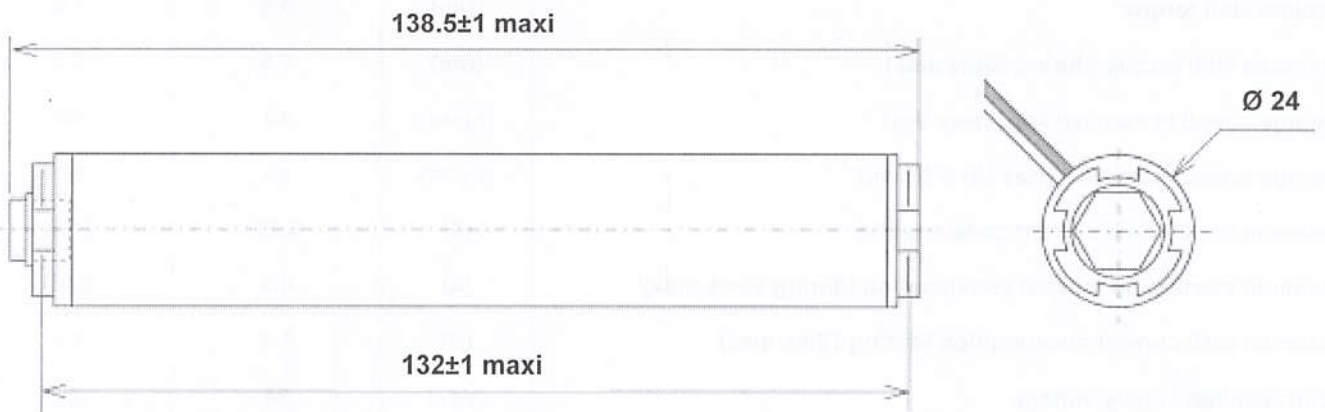
## WORKING TEMPERATURE & MAXIMUM NUMBER OF CYCLES (EN14202 - Classe 2)

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

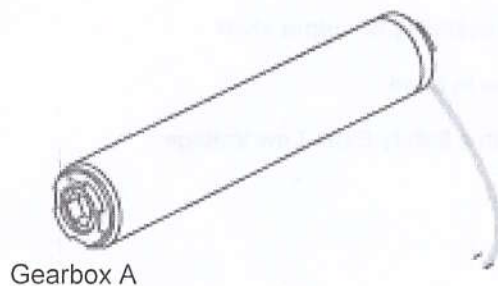
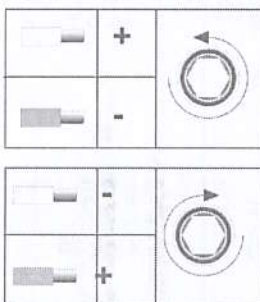
Restriction : from -10°C (14°F) till 0°C (32°F): 100 cycles\* - Nominal performances not guaranteed

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

## DIMENSIONS & WIRING



For Gearbox A



Gearbox A

R&D

Name:

Date:

M. BOURMACHE

QUALITY

Name:

Date:

X. COLET

30/10/2008

EDITOR

Name:

Date:

D. VILLARET

30/10/08