

# LS40



## MAIN CHARACTERISTICS & FEATURES

230V / 50Hz tubular motor.

The LS40 is a hardwired motor suitable for roller blinds with limited room. With its slim 38mm design, it can be adapted to Ø40mm tubes and above. A quiet drive, reliable progressive limiting and low power consumption are a few of the design features of the LS40.

Progressive (screw type) set limits.

40 turn limit capacity.

Suitable for tubes: Ø40, Acmeda 45, etc.

230V switch control via electronic or mechanical means\*.

Requires the use of a crown and wheel for tube adaptation.

Horizontal mount only.

Intermittent Usage.

## 40mm

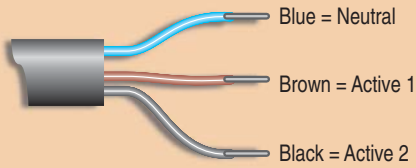
<b>VULCAN 13/8</b>	Torque (Nm)	13	Speed (RPM)	8
<b>ARIES S 4/14</b>	Torque (Nm)	4	Speed (RPM)	14
<b>MARS 9/14</b>	Torque (Nm)	9	Speed (RPM)	14

\* Parallel wiring of motors is prohibited without the use of an isolation controller, eg. 4AC Motor Controller, 4 Motor Group Controller, etc. Direct switching of a 230V motor must always be done via a mechanical interlock.

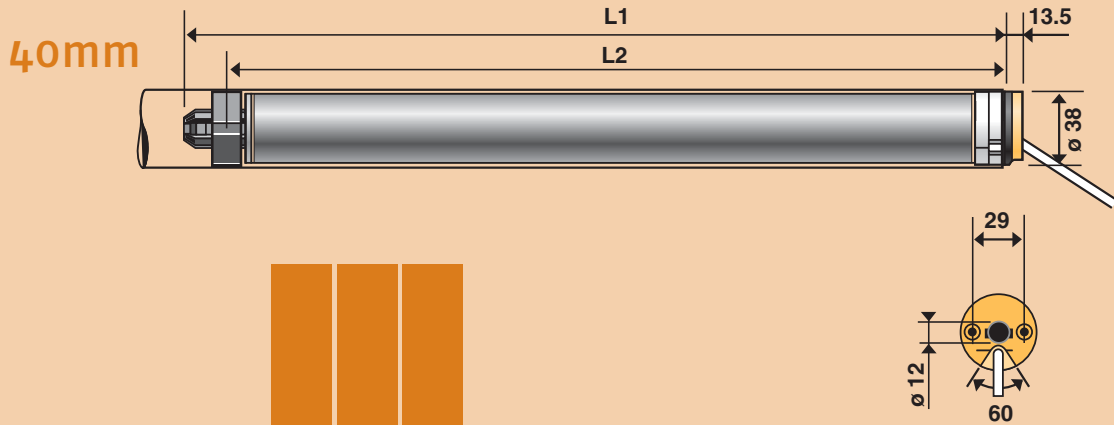
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## TECHNICAL CHARACTERISTICS



**CLASS II**  
The LS40 is classified as a Class II Double Insulated Device. As such an earth connection is NOT required.



	VULCAN 1.3/8	ARIES S 4/14	MARS 9/14
L1 (mm)	453	398	442
L2 riveting distance (mm)	433	377	421
Torque (Nm)	8	4	9
Speed (rpm)	8	14	14
Turn Capacity	40	40	40
Rated Voltage (V)	230	230	230
Rated Power consumption (W)	95	65	100
Rated Current (A)	0.49	0.35	0.5
Running time before thermal cut off (min)	4	4	4
Thermal cut off temp (°C)	140	140	140
Average running noise (dbA)	44	52	54
Minimum tube diameter	40 x 1.5	40 x 1.5	40 x 1.5
Motor weight (kg)	1.07	0.94	1.06
Cable length (M)	1	1	1
Number of cores in cable	3	3	3
Cross section of cable (mm²)	0.75	0.75	0.75
Index Protection	IP44	IP44	IP44

**NOTE**  
Information about the noise is according to Somfy measures and is for information only. Taken as the worst value in load, for the up direction during the first 10 seconds of travel.

Normal functioning temperature: -10°C to +40°C

