

LT 50

MAIN CHARACTERISTICS & FEATURES

230V / 50Hz tubular motor.

The LT50 is suitable for a wide range of roller blind application types. Available in torques from 6Nm to 15Nm, coupled with its flexible 48mm design, it is adapted for Ø50mm tubes and above. Available in the traditional star head style to allow for fabric drift. Rapid set push button limits and the adaptability of 230V control make the LT50 a suitable all round performer.

Rapid set limits.

46 turn limit capacity.

Suitable for tubes: Ø50 to Ø65.

230V switch control via electronic or mechanical means*.

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

Horizontal mount only.

Intermittent Usage.



50mm

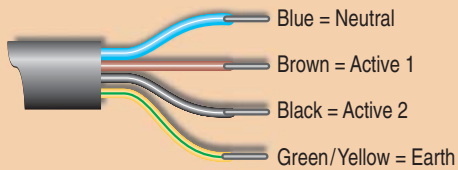
JET 8/17	Torque (Nm)	8	Speed (RPM)	17
CERES 10/17	Torque (Nm)	10	Speed (RPM)	17
ATLAS 15/17	Torque (Nm)	15	Speed (RPM)	17
METEOR 20/17	Torque (Nm)	20	Speed (RPM)	17
GEMINI 25/17	Torque (Nm)	25	Speed (RPM)	17
APOLLO 30/17	Torque (Nm)	30	Speed (RPM)	17
HELIOS 35/17	Torque (Nm)	35	Speed (RPM)	17
MARINER 40/17	Torque (Nm)	40	Speed (RPM)	17
VECTRAN 45/12	Torque (Nm)	45	Speed (RPM)	12

* 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.



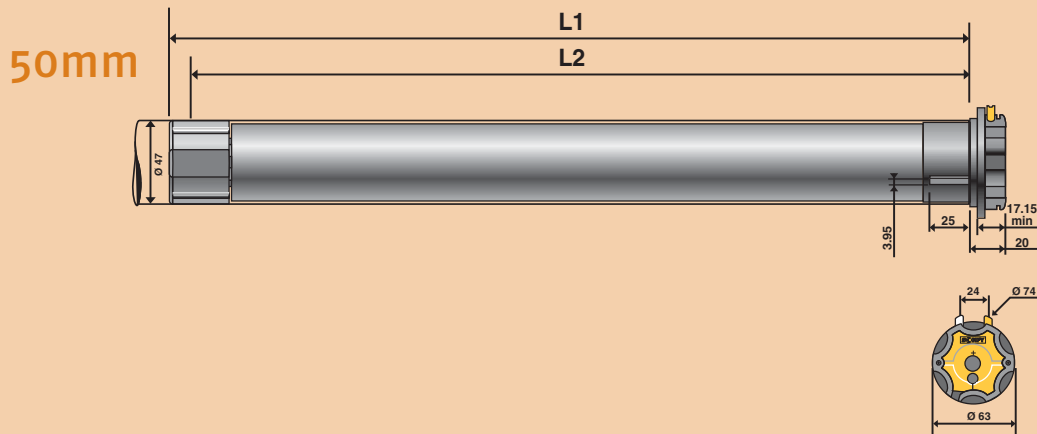
LT 50

TECHNICAL CHARACTERISTICS



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.



	JET 8/17	CERES 10/17	ATLAS 15/17	METEOR 20/17	GEMINI 25/17	APOLLO 30/17	HELIOS 35/17	MARINER 40/17	VECTRAN 45/17
L1 (mm)*	505	525	525	555	555	605	605	655	605
L2 riveting distance (mm)*	490	510	510	540	540	590	590	640	590
Torque (Nm)	8	10	15	20	25	30	35	40	45
Speed (rpm)	17	17	17	17	17	17	17	17	12
Turn Capacity	46	46	46	46	46	46	46	46	46
Rated Voltage (V)	230	230	230	230	230	230	230	230	230
Rated Power consumption (W)	90	120	140	160	170	240	240	270	240
Rated Current (A)	0.39	0.52	0.65	0.69	0.74	1.04	1.04	1.17	1.04
Running time before thermal cut off (min)	4	4	4	4	4	4	4	4	4
Thermal cut off temp (°C)	140	140	140	140	150	140	140	140	140
Average running noise (dba)	46	52	50	50	56	46	52	47	50
Minimum tube diameter	50 x 1.5	50 x 1.5	50 x 1.5	50 x 1.5	50 x 1.5	50 x 1.5	50 x 1.5	50 x 1.5	50 x 1.5
Motor weight (kg)	1.72	1.85	1.95	1.95	2.55	1.72	1.85	1.85	1.95
Cable length (M)	1	1	1	1	1	1	1	1	1
Number of cores in cable	4	4	4	4	4	4	4	4	4
Cross section of cable (mm²)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Index Protection	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44

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

*For wheels on tubes $\varnothing 50 \times 1.5$ add 8mm to L1 (mm) and L2.