



# Outdoor Roller Blinds

## MOTORS & ACCESSORIES

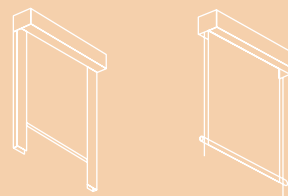
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# OUTDOOR ROLLER BLINDS MOTOR SELECTION CHART

The following chart is a guide only.

Refer to the hardware manufacturer for more details.



## HOW TO USE THIS SELECTION CHART

- Select the installation weight from the horizontal bar ("x" axis).
- Select the tube size from the left hand column ("y" axis).
- Select the motor suitable by matching the weight & tube size together.
- A safety factor has already been incorporated.
- Installation weight shown in kilograms.

		Blind Weight																													
		(mm)	(kg)	5	6	7	8	9	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105			
Tube Diameter	ø 50	6 Nm					10 Nm					15 Nm					20 Nm					25 Nm					30 Nm				
	ø 63	6 Nm					10 Nm					15 Nm					20 Nm					25 Nm					30 Nm				
	ø 70	6 Nm					10 Nm					15 Nm					20 Nm					25 Nm					30 Nm				
	ø 78	6 Nm					10 Nm					15 Nm					20 Nm					25 Nm					30 Nm				

## Calculating the total weight of the blind:

Total weight = width x drop x weight per m<sup>2</sup>.

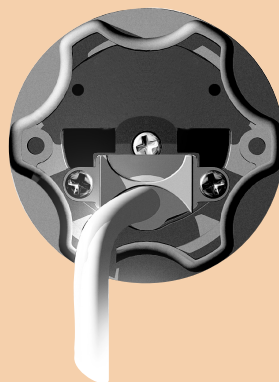
Also take into consideration the weight of the bottom bar.

Torque -->		6 Nm	10 Nm	15 Nm	20 Nm
ø50 Motor Designation	LT 50 Ariane		LT 50 Jet	LT 50 Atlas	LT 50 Meteor
	Altus 50 6Nm		Altus 50 10Nm	Altus 50 15Nm	Meteor CSI RTS
	Loggia 50 6Nm		Loggia 50 10Nm	Loggia 50 15Nm	
	Altea 50 6Nm				

Torque -->		25 Nm	30 Nm
ø50 Motor Designation	LT 50 Gemini		LT 50 Helios
	Altus 50 25Nm		Altus 50 30Nm
	Gemini CSI		Helios CSI RTS

# LOGGIA RTS

## MAIN CHARACTERISTICS & FEATURES



230V / 50Hz tubular motor.

The Loggia RTS (Radio Technology Somfy) motor gives the advantages of remote functionality but allows for the tensioning of a vertical screen. Utilising this feature the Loggia can pull a fabric taut to guard against unwanted movement of the screen in the wind. The Loggia does not require a special locking mechanism, so can be used with any suitable manual clip system. Adapted for  $\varnothing 50$  tubes and above, with a built-in radio receiver and Somfy's rolling code.

Remote set limits.

200 turn limit capacity.

Suitable for  $\varnothing 50$  to  $\varnothing 85$ .

Memory Capacity: 12 channels / transmitters.

Programmable "my" position with tensioning.

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

Horizontal mount only.

Intermittent Usage.

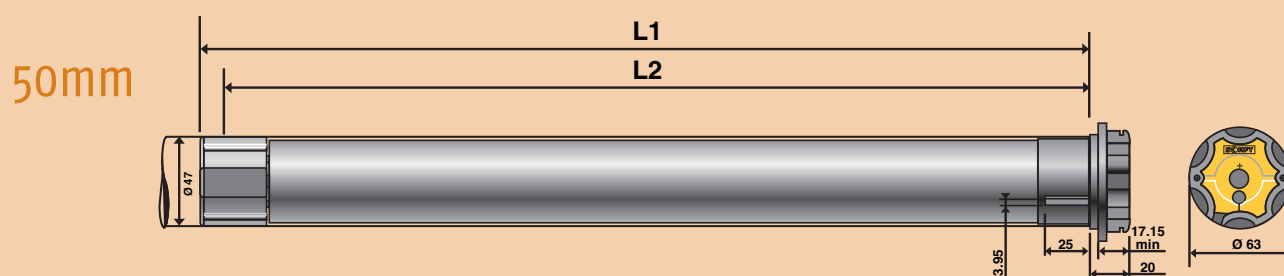
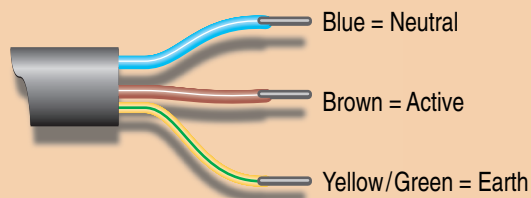
## 50mm

LOGGIA RTS 6/17	Torque (Nm)	6	Speed (RPM)	17	Ref.	1032597
LOGGIA RTS 10/17	Torque (Nm)	10	Speed (RPM)	17	Ref.	1037678
LOGGIA RTS 15/17	Torque (Nm)	15	Speed (RPM)	17	Ref.	1039517

# LOGGIA RTS



## TECHNICAL CHARACTERISTICS



	LOGGIA RTS 6/17	LOGGIA RTS 10/17	LOGGIA RTS 15/17
L1 (mm)*	605	655	655
L2 riveting distance (mm)*	590	640	640
Torque (Nm)	6	10	15
Speed (rpm)	17	17	17
Rated Voltage (V)	230	230	230
Rated Power Consumption (W)	90	120	140
Rated Current (A)	0.45	0.5	0.65
Running time before thermal cut off (min)	4	4	4
Thermal cut off temp (°C)	140	140	150
Average running noise (dba)	47	47	50
Minimum tube diameter	50 x 1.5	50 x 1.5	50 x 1.5
Motor weight (kg)	1.72	1.85	1.95
Cable length (M)	3	3	3
Number of cores in cable	3	3	3
Cross section of cable (mm²)	0.75	0.75	0.75
Index Protection	IP44	IP44	IP44
Approval			

### 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.

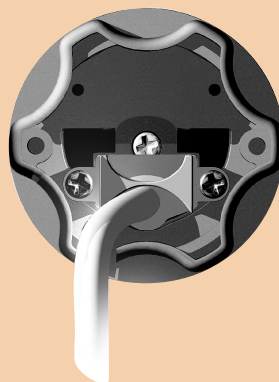
Normal functioning temperature: -10°C to +40°C

\*For wheels on tubes ø50 x 1.5 add 8mm to L1 (mm) and L2.

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# ALTEA RTS

## MAIN CHARACTERISTICS & FEATURES



230V / 50Hz tubular motor.

The Altea RTS (Radio Technology Somfy) motor gives the advantages of remote functionality but allows for the tensioning of a vertical screen. Utilising this feature the Altea can pull a fabric taut to guard against unwanted movement of the screen in the wind. The Altea requires a special automatic locking mechanism, usually integrated into a guide rail. Adapted for Ø50 tubes and above, with a built-in radio receiver and Somfy's rolling code.

Remote set limits.

Requires compatible automatic bottom rail locking solution.

250 turn limit capacity.

Suitable for Ø50 to Ø85.

Memory Capacity: 12 channels / transmitters plus 3 sensors.

Programmable "my" position.

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

Horizontal mount only.

Intermittent Usage.

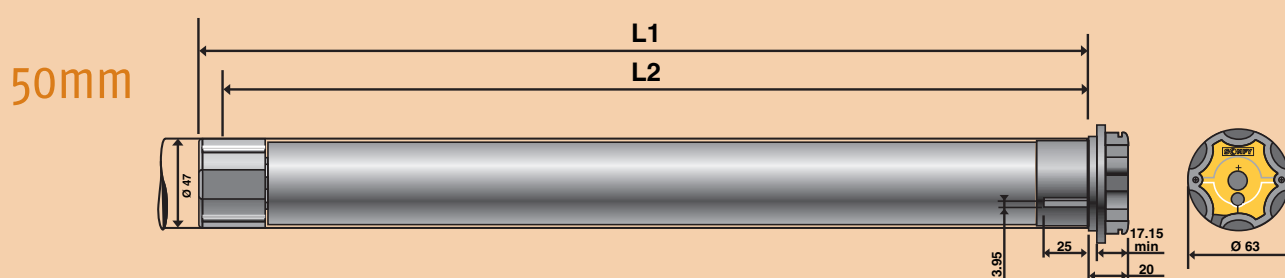
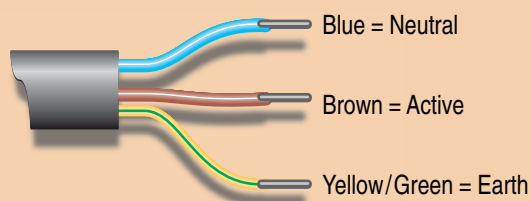
## 50mm

<b>ALTEA RTS 6/17</b>	Torque (Nm)	6	Speed (RPM)	17	Ref.	1110137
<b>ALTEA RTS 6/32</b>	Torque (Nm)	6	Speed (RPM)	32	Ref.	1110139

# ALTEA RTS



## TECHNICAL CHARACTERISTICS



	ALTEA RTS 6/17	ALTEA RTS 6/32
L1 (mm)*	605	655
L2 riveting distance (mm)*	590	640
Torque (Nm)	6	6
Speed (rpm)	17	32
Rated Voltage (V)	230	230
Rated Power consumption (W)	90	120
Rated Current (A)	0.45	0.5
Running time before thermal cut off (min)	4	4
Thermal cut off temp (°C)	140	140
Average running noise (dbA)	47	52
Minimum tube diameter	50 x 1.5	50 x 1.5
Motor weight (kg)	1.94	2.38
Cable length (M)	3	3
Number of cores in cable	3	3
Cross section of cable (mm²)	0.75	0.75
Index Protection	IP44	IP44
Approval		

### 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

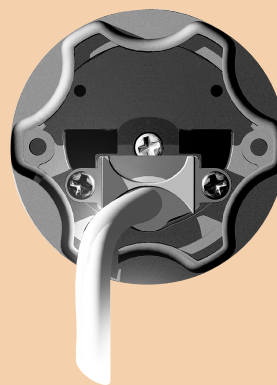
\*For wheels on tubes  $\varnothing 50 \times 1.5$  add 8mm to L1 (mm) and L2.

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# ALTUS 50 RTS

## MAIN CHARACTERISTICS & FEATURES



230V / 50Hz tubular motor.

The Altus RTS is suitable for a wide range of sunscreen application types. Available in torques from 6Nm to 30Nm, coupled with its flexible 48mm design, it is adapted for  $\varnothing 50$ mm tubes and above. Somfy's rolling code and the installation flexibility of remote control make the Altus 50 RTS a suitable all round performer.

Remote set limits.

250 turn limit capacity.

Suitable for  $\varnothing 50$  to  $\varnothing 85$ .

Memory Capacity: 12 channels /transmitters plus 3 sensors.

Programmable "my" position.

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

Horizontal mount only.

Intermittent Usage.

## 50mm

<b>ALTUS RTS 6/17</b>	Torque (Nm)	6	Speed (RPM)	17	Ref.	1032448
<b>ALTUS RTS 6/32</b>	Torque (Nm)	6	Speed (RPM)	32	Ref.	1032558
<b>ALTUS RTS 10/17</b>	Torque (Nm)	10	Speed (RPM)	17	Ref.	1037432
<b>ALTUS RTS 10/32</b>	Torque (Nm)	10	Speed (RPM)	32	Ref.	1037553
<b>ALTUS RTS 15/17</b>	Torque (Nm)	15	Speed (RPM)	17	Ref.	1039378
<b>ALTUS RTS 25/17</b>	Torque (Nm)	25	Speed (RPM)	17	Ref.	1043171
<b>ALTUS RTS 30/17</b>	Torque (Nm)	30	Speed (RPM)	17	Ref.	1045344

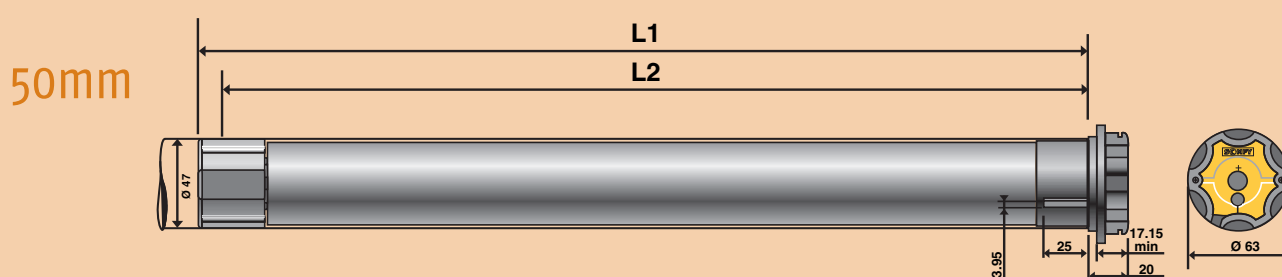
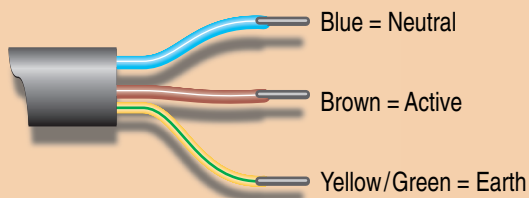


# ALTUS 50 RTS



Radio Technology Somfy

## TECHNICAL CHARACTERISTICS



	ALTUS RTS 6/17	ALTUS RTS 6/32	ALTUS RTS 10/17	ALTUS RTS 10/32	ALTUS RTS 15/17	ALTUS RTS 25/17	ALTUS RTS 30/17
L1 (mm)*	605	655	655	655	655	655	675
L2 riveting distance (mm)*	590	640	640	640	640	640	660
Torque (Nm)	6	6	10	10	15	25	30
Speed (rpm)	17	32	17	32	17	17	17
Rated Voltage (V)	230	230	230	230	230	230	230
Rated Power consumption (W)	90	120	120	150	140	170	240
Rated Current (A)	0.45	0.5	0.5	0.75	0.65	0.8	1.1
Running time before thermal cut off (min)	4	4	4	4	4	4	4
Thermal cut off temp (°C)	140	140	140	150	150	150	150
Average running noise (dbA)	47	52	47	54	50	56	55
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
Motor weight (kg)	1.72	2.21	1.85	2.21	2.12	2.34	2.5
Cable length (M)	3	5	3	5	3	3	3
Number of cores in cable	3	3	3	3	3	3	3
Cross section of cable (mm²)	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Index Protection	IP44	IP44	IP44	IP44	IP44	IP44	IP44
Approval	✓	✓	✓	✓	✓	✓	✓

### 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

\*For wheels on tubes Ø50 x 1.5 add 8mm to L1 (mm) and L2.

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# LT 50



## MAIN CHARACTERISTICS & FEATURES

230V / 50Hz tubular motor.

The LT50 is suitable for a wide range of sunscreen application types. Available in torques from 6Nm to 30Nm, coupled with its flexible 48mm design, it is adapted for Ø50mm tubes and above. 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 Ø85.

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

ARIANE 6/17	Torque (Nm)	6	Speed (RPM)	17	Ref.	1032050
ARIANE 6/32	Torque (Nm)	6	Speed (RPM)	32	Ref.	1032066
JET 10/17	Torque (Nm)	10	Speed (RPM)	17	Ref.	1037062
ATLAS 15/17	Torque (Nm)	15	Speed (RPM)	17	Ref.	1039051
ATLAS 15/32	Torque (Nm)	15	Speed (RPM)	32	Ref.	1039065
METEOR 20/17	Torque (Nm)	20	Speed (RPM)	17	Ref.	1041056
GEMINI 25/17	Torque (Nm)	25	Speed (RPM)	17	Ref.	1043037
HELIOS 30/17	Torque (Nm)	30	Speed (RPM)	17	Ref.	1045041

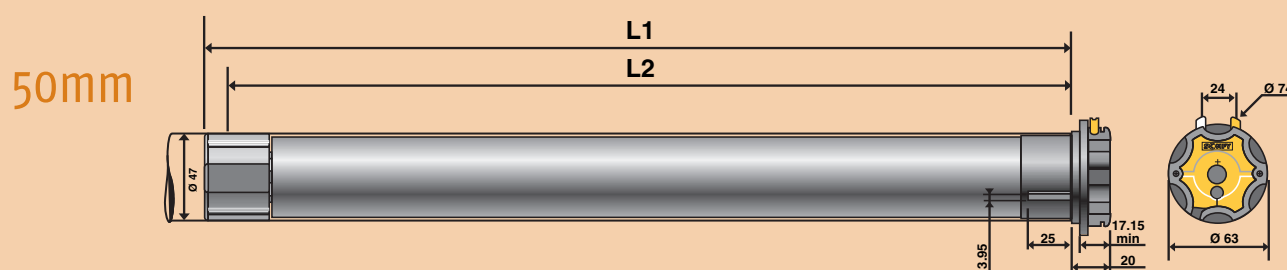
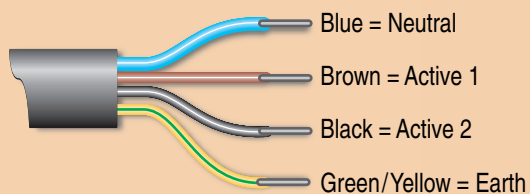
**\* Parallel wiring of motors is prohibited without the use of an isolation controller, eg. 4AC Motor Controller, 4 Motor Group Controller, etc. Direct switching of a 230V motor must always be done via a mechanical interlock.**

# LT 50

WIRED TECHNOLOGY™



## TECHNICAL CHARACTERISTICS



	ARIANE 6/17	ARIANE 6/32	JET 10/17	ATLAS 15/17	ATLAS 15/32	METEOR 20/17	GEMINI 25/17	HELIOS 30/17
L1 (mm)*	505	525	525	525	605	555	555	605
L2 riveting distance (mm)*	490	510	510	510	590	540	540	590
Torque (Nm)	6	6	10	15	15	20	25	30
Speed (rpm)	17	32	17	17	32	17	17	17
Turn Capacity	46	46	46	46	46	46	46	46
Rated Voltage (V)	230	230	230	230	230	230	230	230
Rated Power consumption (W)	90	120	120	140	240	160	170	240
Rated Current (A)	0.4	0.5	0.5	0.65	1.1	0.75	0.8	1.1
Running time before thermal cut off (min)	4	4	4	4	4	4	4	4
Thermal cut off temp (°C)	140	140	140	140	150	150	150	150
Average running noise (dbA)	46	52	47	50	56	53	56	55
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
Motor weight (kg)	1.72	1.85	1.85	1.95	2.55	2.15	2.2	2.55
Cable length (M)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Number of cores in cable	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
Index Protection	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44
Approval	CE	CE	CE	CE	CE	CE	CE	CE

### 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

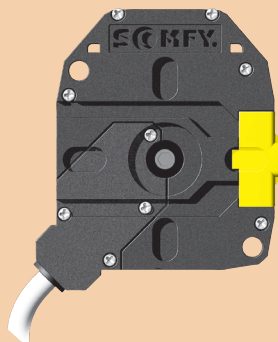
\*For wheels on tubes Ø50 x 1.5 add 8mm to L1 (mm) and L2.

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# LT50 CSI

## MAIN CHARACTERISTICS & FEATURES



230V / 50Hz tubular motor.

The CSI (manual override) motor is suitable for sunscreens that require the added flexibility of manual crank operation. With the CSI's manual override function the versatility of operation even if power is not present is not a problem. With utilisation of the same adaptors as the 50mm range and rapid set push button limits, the CSI motor is a great hardwired option for areas that are prone to power losses.

Rapid set limits.

34 turn limit capacity.

1 / 27 CSI gear ratio.

Suitable for tubes: Ø50 to Ø85.

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

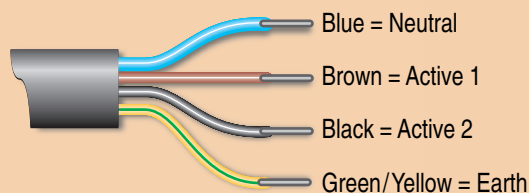
GEMINI CSI 25/17	Torque (Nm)	25	Speed (RPM)	17	Ref.	1043001
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\* Parallel wiring of motors is prohibited without the use of an isolation controller, eg. 4AC Motor Controller, 4 Motor Group Controller, etc. Direct switching of a 230V motor must always be done via a mechanical interlock.

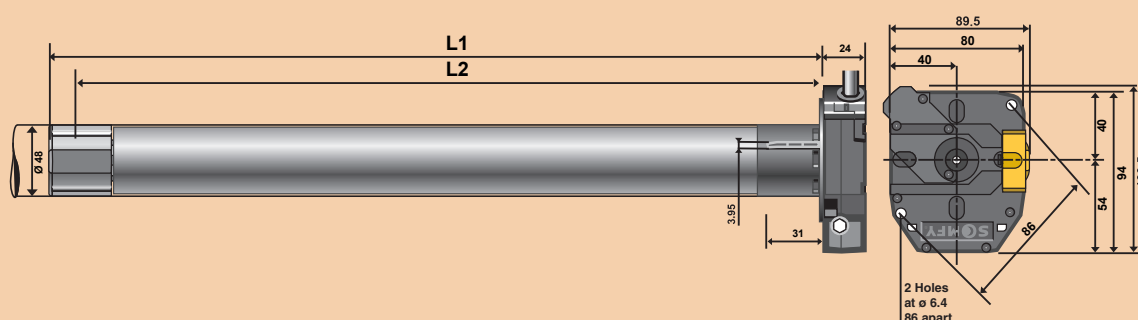
# LT50 CSI



## TECHNICAL CHARACTERISTICS



50mm



### GEMINI CSI 25/17

L1 (mm)*	594
L2 riveting distance (mm)*	579
Torque (Nm)	25
Speed (rpm)	17
Turn Capacity	34
Rated Voltage (V)	230
Rated Power consumption (W)	170
Rated Current (A)	0.8
Running time before thermal cut off (min)	4
Thermal cut off temp (°C)	150
Average running noise (dbA)	56
Minimum tube diameter	50 x 1.5
Motor weight (kg)	2.81
Cable length (M)	2.5
Number of cores in cable	4
Cross section of cable (mm²)	0.75
Index Protection	IP44
Approval	

### 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.

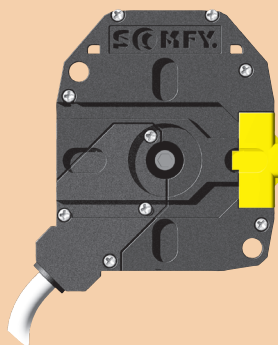
Normal functioning temperature: -10°C to +40°C

\*For wheels on tubes ø50 x 1.5 add 8mm to L1 (mm) and L2.

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# LT50 CSI RTS

## MAIN CHARACTERISTICS & FEATURES



230V / 50Hz tubular motor

The CSI (Manual Override) RTS (Radio Technology Somfy) motor is suitable for a wide range of sunscreen application types. Available in torques from 20Nm to 30Nm, the CSI's manual override function allows the versatility of operation even if power is not present\*. With utilisation of the same adaptors as the 50mm range, rapid set push button limits and RTS functionality, the CSI motor is a great remote option for areas that are prone to power loss.

Rapid set limits.

34 turn limit capacity.

1/27 CSI gear ratio.

Suitable for tubes: Ø50 to Ø85.

Memory capacity: 12 Channels/transmitters, plus 3 sensors.

2 programmable "my" positions.

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

Horizontal mount only.

Intermittent Usage.

## 50mm

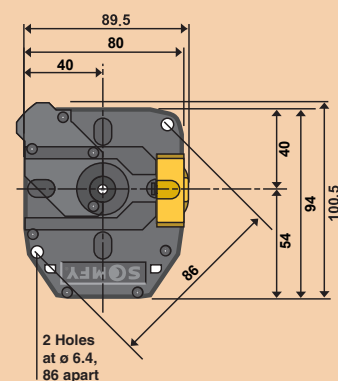
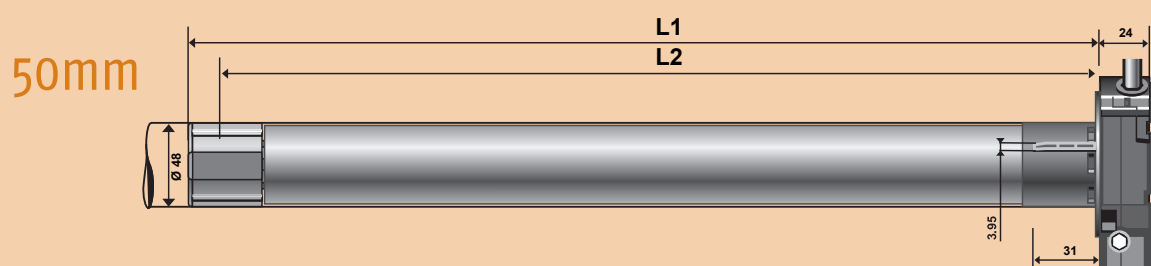
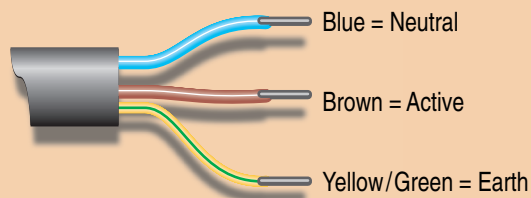
METEOR CSI RTS 20/17	Torque (Nm)	20	Speed (RPM)	17	Ref.	1041023
HELIOS CSI RTS 30/17	Torque (Nm)	30	Speed (RPM)	17	Ref.	1045023

\* RTS functionality is not available if power is lost to the motor.

# LT50 CSI RTS



## TECHNICAL CHARACTERISTICS



	METEOR CSI RTS 20/17	HELIOS CSI RTS 30/17
L1 (mm)*	774	774
L2 riveting distance (mm)*	759	759
Torque (Nm)	20	30
Speed (rpm)	17	17
Turn Capacity	34	34
Rated Voltage (V)	230	230
Rated Power consumption (W)	160	240
Rated Current (A)	0.75	1.1
Running time before thermal cut off (min)	4	4
Thermal cut off temp (°C)	150	150
Average running noise (dbA)	53	55
Minimum tube diameter	50 x 1.5	50 x 1.5
Motor weight (kg)	2.96	3.21
Cable length (M)	2.5	2.5
Number of cores in cable	3	3
Cross section of cable (mm²)	0.75	0.75
Index Protection	IP44	IP44
Approval	✓	✓

### 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

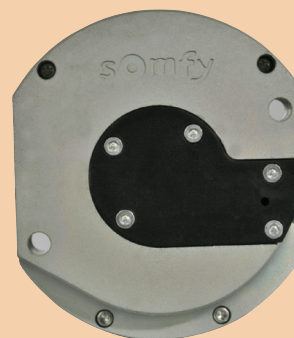
\*For wheels on tubes ø50 x 1.5 add 8mm to L1 (mm) and L2.

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# SUNEA CSI RTS

## MAIN CHARACTERISTICS & FEATURES



230V / 50Hz tubular motor.

The Sunea CSI RTS is a universal motor suitable for both cassette and standard folding arm awning. Available in torques from 20Nm to 50Nm, it is also adapted to Ø50mm tubes. Its value-added feature includes a robust manual override command allowing manual operation when there is a power failure. All settings will be recovered automatically after power failure, giving you a total peace of mind.

Optimised head size to fit in any cassette.

End limits capacity: 250 rotations

Suitable for tubes: Ø50mm.

Horizontal mount only.

Intermittent Usage.

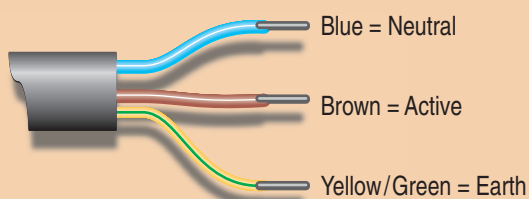
## 50mm

<b>SUNEA CSI RTS 20/17</b>	Torque (Nm)	20	Speed (RPM)	17	Ref.	1113212
<b>SUNEA CSI RTS 30/17</b>	Torque (Nm)	30	Speed (RPM)	17	Ref.	1115198
<b>SUNEA CSI RTS 40/12</b>	Torque (Nm)	40	Speed (RPM)	12	Ref.	1117219
<b>SUNEA CSI RTS 50/12</b>	Torque (Nm)	50	Speed (RPM)	12	Ref.	1118165

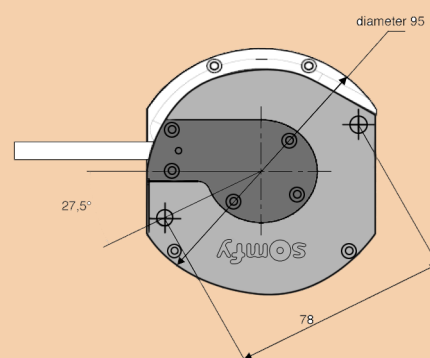
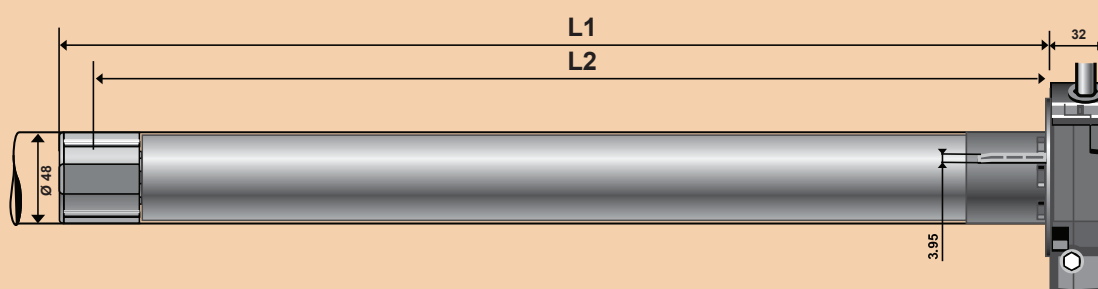
\* RTS functionality is not available if power is lost to the motor.

# SUNEA CSI RTS

## TECHNICAL CHARACTERISTICS



50mm



	SUNEA CSI RTS 20/h7	SUNEA CSI RTS 30/h7	SUNEA CSI RTS 40/h2	SUNEA CSI RTS 50/h2
L1 max. (mm)	696	696	696	696
L2 riveting distance (mm)	684	684	684	684
Torque (Nm)	20	30	40	50
Speed (rpm)	17	17	12	12
Rated Power (W)	160	240	240	240
Rated Current (A)	0.75	1.1	1.1	1.1
Running time before thermal cut off (min)	4	4	4	4
Weight (kg)	2.7	3.1	3.1	3.1
Index Protection	IP44	IP44	IP44	IP44
Approval				

### 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.

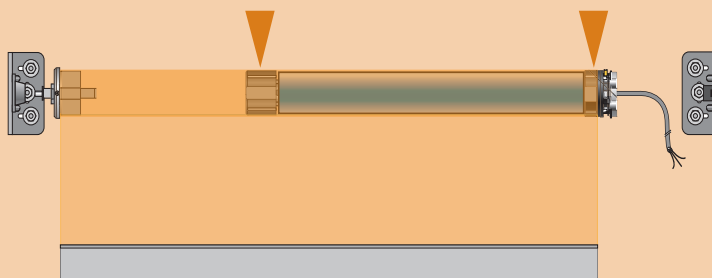
Normal functioning temperature: -10°C to +40°C

\* Thermal protection will not automatically reset. Power off then on the motor to reset.

**somfy**

# ADAPTORS

## 50mm MOTORS



### 50mm

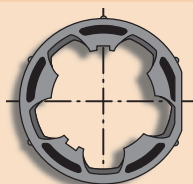
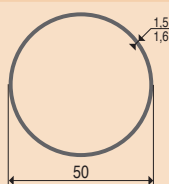
Tube

Profile

Wheel

Crown

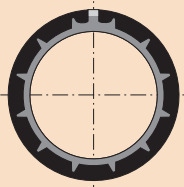
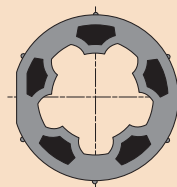
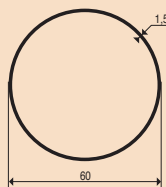
Ø50  
Round



No Crown  
Adaptor  
Required

Wheel Ref. 9206088

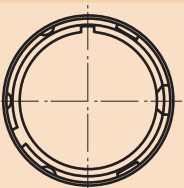
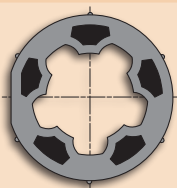
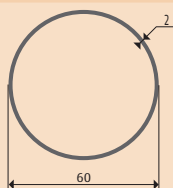
Ø60 x 1.5  
Round



Wheel Ref. 9751013

Crown Ref. 9707033

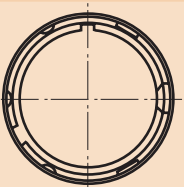
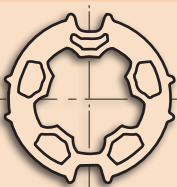
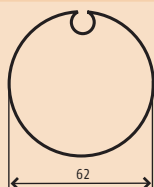
Ø60 x 2.0  
Round



Wheel Ref. 9751013

Crown Ref. 9707029

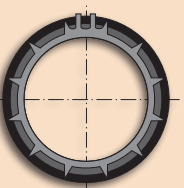
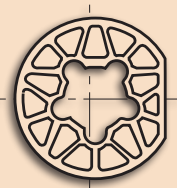
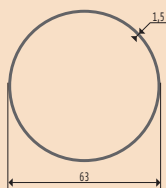
HD  
Ø62 x 2.0  
Round



Wheel Ref. 9751006

Crown Ref. 9707029

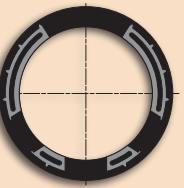
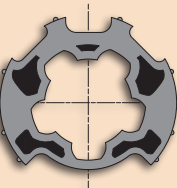
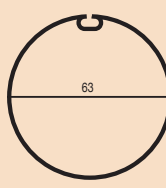
Ø63 x 1.5  
Round



Wheel Ref. 9206019

Crown Ref. 9707026

Issey  
Ø63

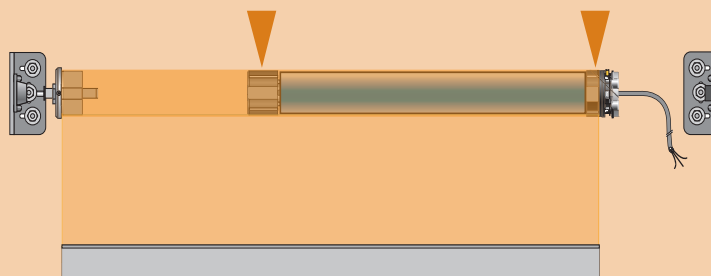


Wheel Ref. 9751002

Crown Ref. 9707030

# ADAPTORS

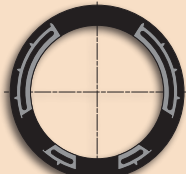
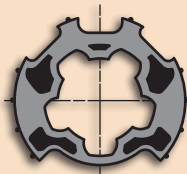
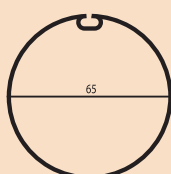
## 50mm MOTORS



### 50mm

Tube      Profile      Wheel      Crown

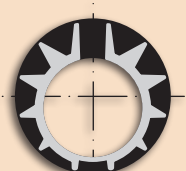
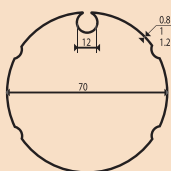
**Sunmaster**  
Ø65



Wheel      Ref.      9751002

Crown      Ref.      9707030

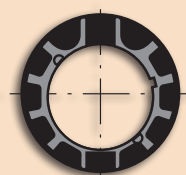
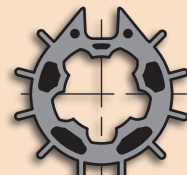
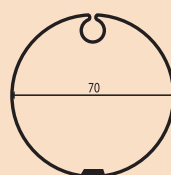
**Rochling,  
Perma,  
Turnils**  
Ø70



Wheel      Ref.      9751005

Crown      Ref.      9707034

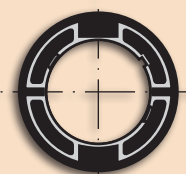
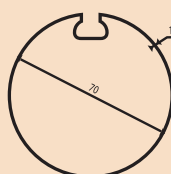
**Imbac**  
Ø70



Wheel      Ref.      9751005

Crown      Ref.      9128424

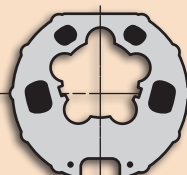
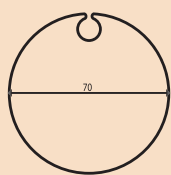
**Franciaflex**  
Ø70



Wheel      Ref.      9410303

Crown      Ref.      9128429

**Perma, HD,  
Turnils**  
Ø70



1

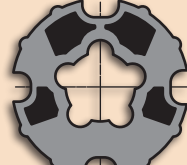
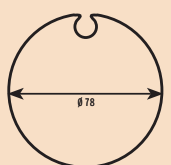
2

Wheel      Ref.      9761011

Crown 1      Ref.      9707026

Crown 2      Ref.      9277167

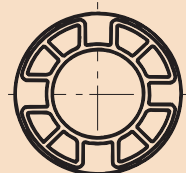
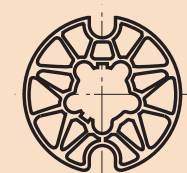
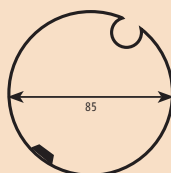
**Dohner,  
Issey,  
Turnils**  
Ø78



Wheel      Ref.      9761001

Crown      Ref.      9707027

**Issey**  
Ø85

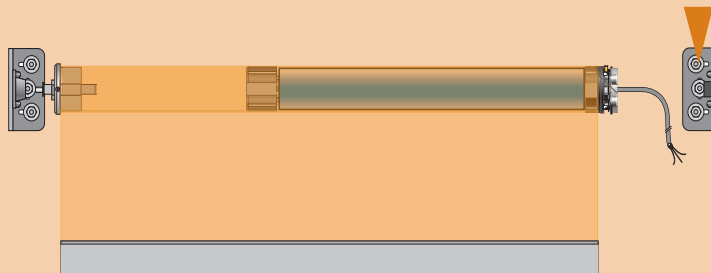


Wheel      Ref.      9761003

Crown      Ref.      9707035

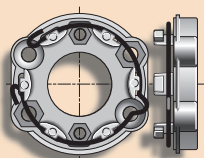
# MOTOR BRACKETS

## 50mm MOTORS



**50mm**

### UNIVERSAL ZAMACK BRACKET



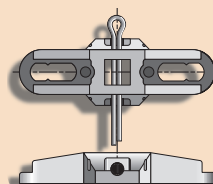
Fix Points:

- 2 holes  $\varnothing 6\text{mm}$ , 48mm apart.
- 2 holes  $\varnothing 8\text{mm}$ , 60mm apart.
- 2 holes  $\varnothing 8\text{mm}$ , 60mm apart with bolt head.

! Maximum Torque: 85 Nm

Ref. **9910000**

### FIXING POINT BRACKET



Two points for fixing bolts:

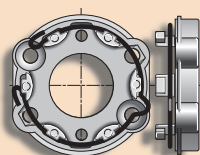
-m6, 48mm and 60mm.

Use with ref. 9910013

! Maximum Torque: 25 Nm

Ref. **9137029**

### UNIVERSAL ZAMACK THREADED



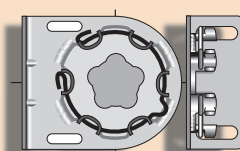
Threaded holes for fixing bolts:

- m6, 48mm apart.
- m8, 60mm apart.
- 2 holes  $\varnothing 8\text{mm}$ , 60mm apart with bolt head.

! Maximum Torque: 85 Nm

Ref. **9910001**

### RIGHT ANGLE BRACKET



Right angle motor bracket for 50mm motors.

Supplied with ring.

Also available in White: 9410652.

Black: 9012878.

! Maximum Torque: 50 Nm

Ref. **9410651**

### WALL BRACKET



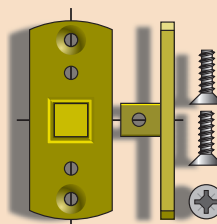
Adjustable right angle mounting.

Use with ref. 910000 or 910001.

! Maximum Torque: 30 Nm

Ref. **9410639**

### BRACKET WITH 10mm STUD



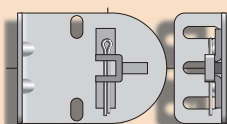
For standard star head 50mm motors.

Use with bracket ref. 9410665 or 9137029.

! Maximum Torque: 25 Nm

Ref. **9910013**

### ANGLE MOTOR BRACKET



Right angle motor bracket for 50mm motors using a 10mm stud.

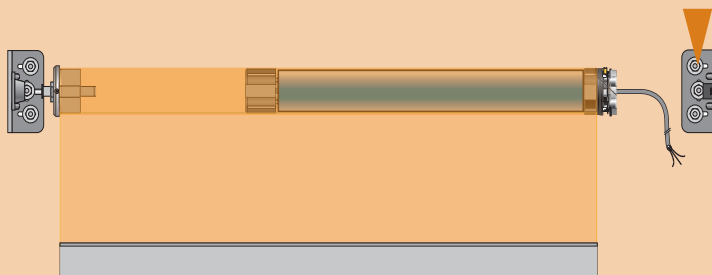
Use with ref. 9910013.

! Maximum Torque: 25 Nm

Ref. **9410665**

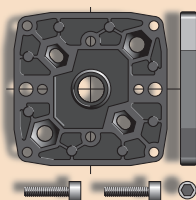
# MOTOR BRACKETS

## 50mm CSI MOTORS



50mm

### SQUARE BRACKETS WITH MULTIPLE FIXING POINTS

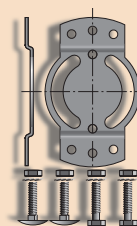


Square Bracket with multiple fixing points  
Three threaded bracket mounting points:  
- m6, 44mm and 48mm apart .  
- m8, 60mm apart.  
- 2 holes, 60mm & 44mm apart with bolt head.

Maximum Torque: 120 Nm

Ref. 9910040

### UNIVERSAL FIX POSITION BRACKET

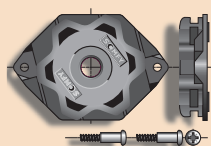


Three point mounting:  
- m6, 86mm apart.  
Two point Motor fixing.  
- m6, 48mm with a point for 120° positioning.

Maximum Torque: 50 Nm

Ref. 9410658

### LT TO CSI BRACKET

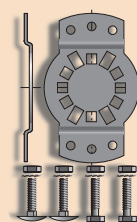


Allows for the use of a Zamack bracket  
with a CSI motor.  
Fixed with two supplied screws.  
Use with ref. 9910001, 9910000.

Maximum Torque: 85 Nm

Ref. 9910051

### 30° FIX POSITION BRACKET



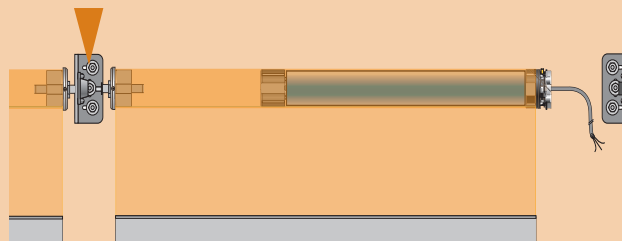
Three point mounting:  
- m6, 86mm apart.  
30° motor fixing.

Maximum Torque: 85 Nm

Ref. 9420654

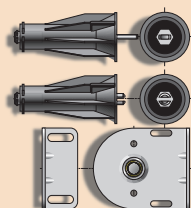
# INTERMEDIATE BRACKETS

## 50mm MOTORS



50mm

### INTERMEDIATE BRACKET

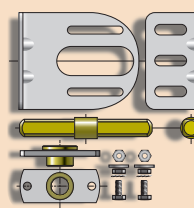


Allows the running of two fabrics on separate tubes via a single motor.  
Requires 2 x wheels for tube utilised.  
Suitable only for a  $\varnothing 50$  tube.  
Also available in White: 9002564  
Black: 9012880

 Maximum Torque: 15 Nm

Ref. **9410654**

### INTERMEDIATE BRACKET KIT



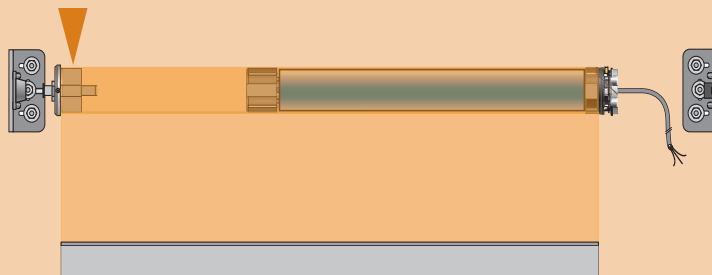
Right angle mount.  
Supplied with : Bracket, Shaft and collar.  
Use with Plug ends ref. 9129631 ( $\varnothing 50$ ),  
9129655 ( $\varnothing 60$ ), 9129632 ( $\varnothing 63$ ).

 Maximum Torque: 30 Nm

Ref. **9002541**



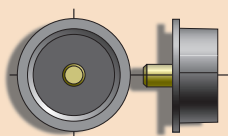
# PLUG ENDS 50mm MOTORS



50mm

## PLUG END Ø10

Non adjustable plug end for Ø50 tube.  
Compatible with ref. 9410635.

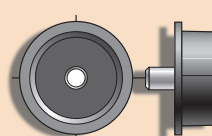


Maximum Torque: 15 Nm

Ref. 9128101

## PLUG END Ø12

Non adjustable plug end for Ø50 tube.  
Compatible with ref. 9410633.

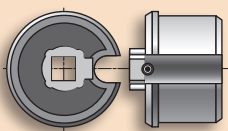


Maximum Torque: 15 Nm

Ref. 9132087

## PLUG END Ø50 WITHOUT SHAFT

For Ø50mm tubes to support idler end.

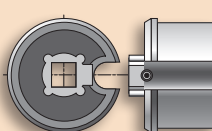


Maximum Torque: 50 Nm

Ref. 9129631

## PLUG END Ø60 WITHOUT SHAFT

For Ø60mm tubes to support idler end.

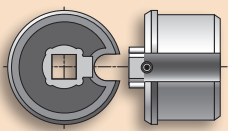


Maximum Torque: 50 Nm

Ref. 9129655

## PLUG END Ø63 WITHOUT SHAFT

For Ø63mm tubes to support idler end.



Maximum Torque: 50 Nm

Ref. 9129632

## PLUG END SHAFT Ø12

Ø12 pin.

Use with Plug Ends for tube adaptation.



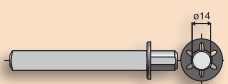
Maximum Torque: 50 Nm

Ref. 1781009

## PLUG END SHAFT Ø14

Ø14 pin.

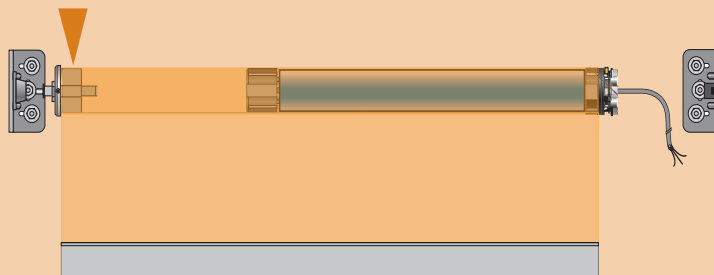
Use with Plug Ends for tube adaptation.



Maximum Torque: 50 Nm

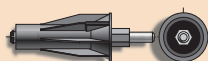
Ref. 1781011

# PLUG ENDS 50mm MOTORS



## 50mm

### SPRING LOADED PLUG END Ø10

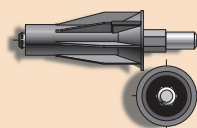


Length adjustment of: 30mm.  
Crown and Wheel adaptor required.  
(see adaptors section).

 Maximum Torque: 50 Nm

Ref. **9420800**

### SPRING LOADED PLUG END Ø14

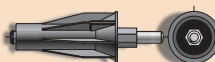


Length adjustment of: 30mm.  
Crown and Wheel adaptor required.  
(see adaptors section).

 Maximum Torque: 50 Nm

Ref. **9420802**

### SPRING LOADED PLUG END Ø12

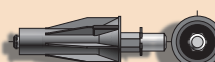


Length adjustment of: 30mm.  
Crown and Wheel adaptor required.  
(see adaptors section).

 Maximum Torque: 50 Nm

Ref. **9420801**

### SPRING LOADED PLUG END Ø16

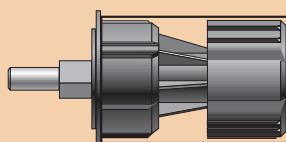


Length adjustment of: 30mm.  
Crown and Wheel adaptor required.  
(see Ø50 adaptors).

 Maximum Torque: 50 Nm

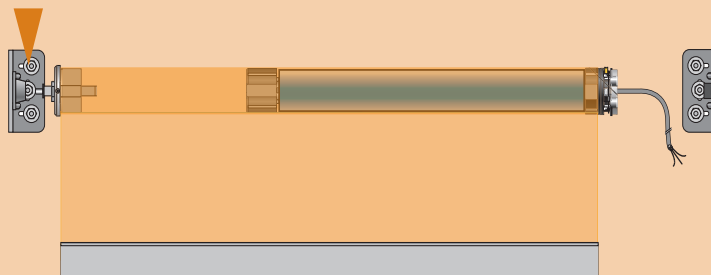
Ref. **9420803**

### CROWN & WHEEL MOUNTING FOR SPRING LOADED PLUG ENDS



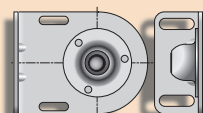
When utilising the bearings, a crown and wheel must be fixed to the item to ensure correct operation.

# PLUG END BRACKETS 50mm MOTORS



50mm

## IDLER BRACKET Ø10

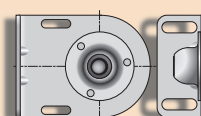


Right angle mount.  
For Ø10 pin.

⚠ Maximum Torque: 50 Nm

Ref. **9410635**

## IDLER BRACKET Ø12

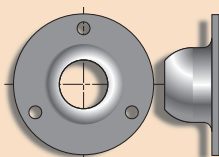


Right angle mount.  
For Ø12 pin.  
Also available in White: 9410634  
Black: 9012879.

⚠ Maximum Torque: 50 Nm

Ref. **9410633**

## HOLDER FOR BALL

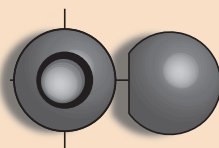


For use with ball ref: 9028665.

⚠ Maximum Torque: 50 Nm

Ref. **1781030**

## NYLON BALL



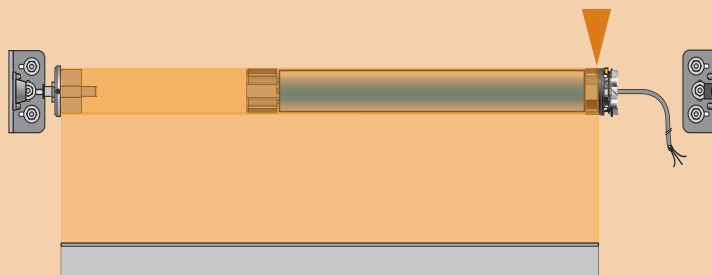
Ø12 bore.  
For use with holder ref: 1781030.

⚠ Maximum Torque: 50 Nm

Ref. **9028665**

# CSI ACCESSORIES

## 50mm CSI MOTORS



### 50mm CSI

#### CRANK HANDLE WITH HOOK 1250mm



Ref. 9129671

#### CRANK INVISIBLE BOX 1250mm



Ref. 9685140

#### CRANK HANDLE WITH HOOK 2000mm



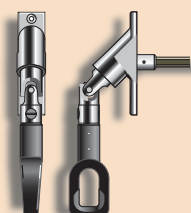
Ref. 9129674

#### FIXED CRANK Ø12 - 1200mm



Ref. 9685176

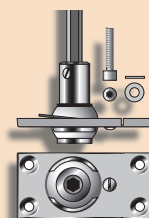
#### DOUBLE CARDAN WITH EYE OUTLET



Hexagonal 7mm, 350mm long shaft.  
Use with hook ref. 9129671 or 9129674.

Ref. 9685181

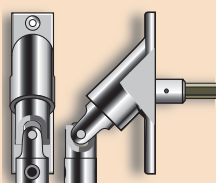
#### INVISIBLE CARDAN



Hexagonal 7mm, 330mm shaft.  
Use with handle ref. 9685140.

Ref. 9685122

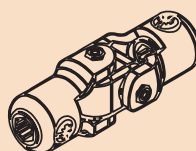
#### DOUBLE CARDAN



Hexagonal 7mm, 315mm long shaft.  
Use with handle ref. 9685176.

Ref. 9685175

#### CARDAN HEXAGONAL

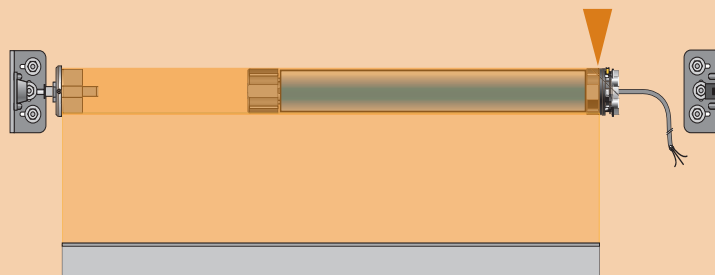


Hexagonal 7mm to hexagonal 7mm.  
Used to join two shafts together.

Ref. 9685144

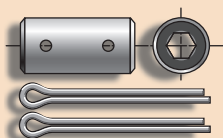
# CSI ACCESSORIES

## 50mm CSI MOTORS



### 50mm CSI

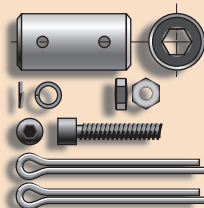
#### SLEEVE ADAPTOR



Hexagonal 7mm to hexagonal 7mm.  
Used to join two shafts together.

Ref. 9685120

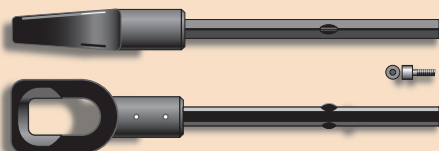
#### SLEEVE ADAPTOR



Hexagonal 7mm to square 8mm.  
Used to join two shafts together.

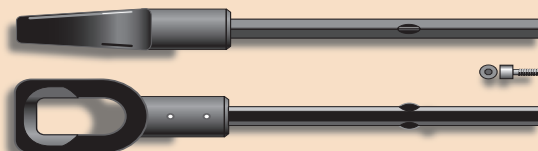
Ref. 9685118

#### SHORT EYE OUTLET 60mm



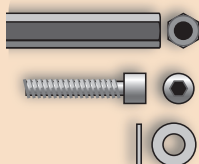
Ref. 9685114

#### LONG EYE OUTLET 165mm



Ref. 9685136

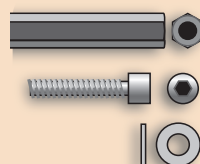
#### SHORT EXTENSION SHAFT



Hexagonal 7mm, 220mm short extension shaft.

Ref. 9420657

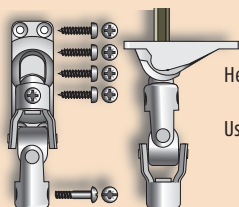
#### LONG EXTENSION SHAFT



Hexagonal 7mm, 330mm long extension shaft.

Ref. 9420659

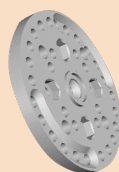
#### BOX OUTLET 60°



Hexagonal 7mm, 315mm long shaft.  
Use with handle ref. 9685176.

Ref. 9685174

#### Bracket for Sunea CSI RTS EU



Round bracket for use with Sunea motor  
Fixing entraxes: 44mm, 48mm, 60mm

Ref. 9015801