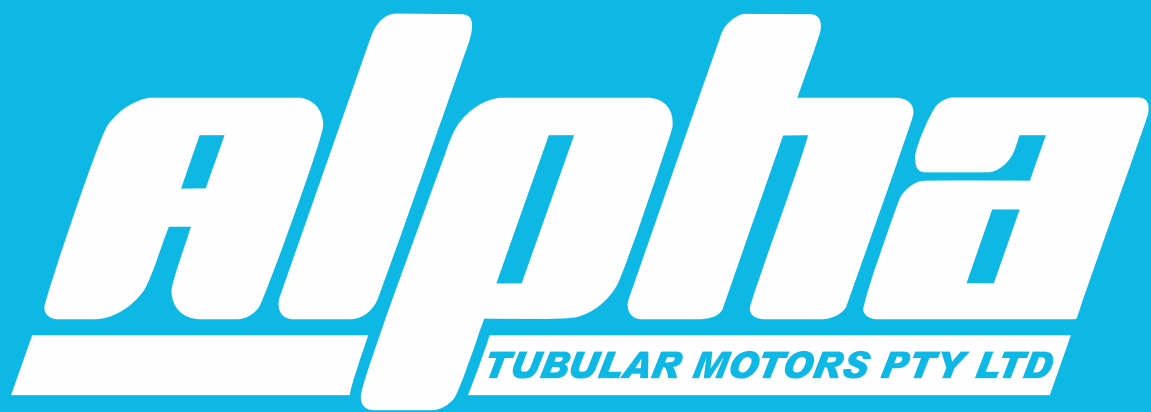




***MOTORISATION MADE EASY***



***CATALOGUE*** *Issue 12 2026*

**ADVANCED, INNOVATIVE TECHNOLOGY with SIMPLE PROGRAMMING**  
**PROVEN RELIABILITY and FULL COMPLIANCE**  
**UNMATCHED SERVICE, SUPPORT with SAME DAY DISPATCH**

# Leaders in innovation and technology.



A team that delivers and assists you to grow your business.



WELCOME to the next generation of tubular motors with Alpha's new "Going Green" product range.

*SIMPLE PROGRAMMING*

*ADVANCED TECHNOLOGY*

*PROVEN RELIABILITY*

*SAME DAY DISPATCH*

*COMPETITIVE PRICING*

*UNMATCHED SERVICE AND SUPPORT*

*FULL COMPLIANCE TO AUSTRALIAN STANDARDS*

## **Tubular Motors**

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# WSERD30-B

rechargeable battery motor

3

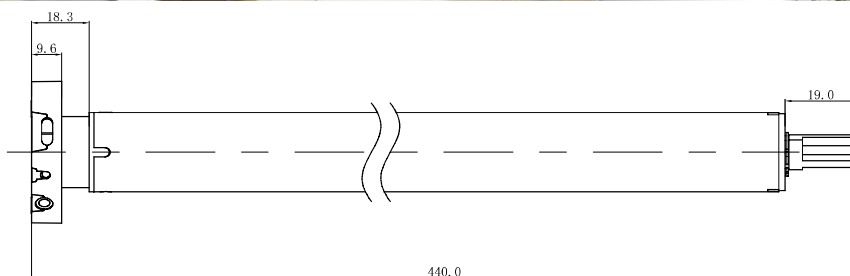
1/30 C  
2/31 C  
3/20 C

Electronic limit switch  
Built-in receiver  
25mm diameter motor  
USB-C charging

The new internal battery motors with USB-C charging provide you with enhanced performance and convenience.

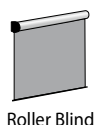


- Short motor
- 5 volt USB-C charging capability
- Whisper-quiet operation
- 3 adjustable speeds
- Patented coreless technology
- Antenna-free sleek design
- Soft stop function
- Full reset function

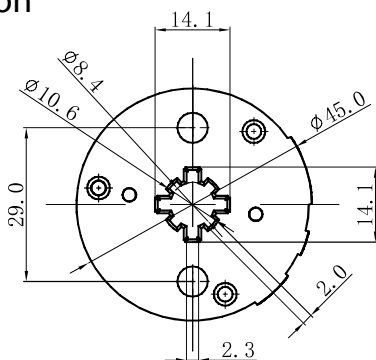


## Specifications - DC

| Type                   | 1/30C    | 2/31C    | 3/20C    |
|------------------------|----------|----------|----------|
| Rated Torque (N.m)     | 1        | 2        | 3        |
| Output Speed (rpm)     | 20/25/30 | 25/30/35 | 15/18/20 |
| USB-C Charger Required | 5V/1A    | 5V/1A    | 5V/1A    |
| Nominal Voltage (V)    | 7.4      | 11.1     | 11.1     |
| Speed Adjustable       | yes      | yes      | yes      |
| Running Time (Min)     | ∞        | ∞        | ∞        |
| Protection Index (IP)  | 20       | 20       | 20       |
| Total Length (mm)      | 460      | 525      | 525      |
| Maximum Turns (Turn)   | ∞        | ∞        | ∞        |
| Net Weight (Kg)        | 0.48     | 0.54     | 0.54     |
| Max Lifting Capacity   | 2mx2m    | 3mx3m    | 3mx4m    |
| Sound Intensity (dB)   | 28       | 28       | 28       |
| Included C&D           | A2310    | A2310    | A2310    |



Roller Blind

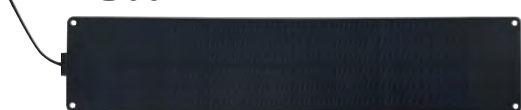


## Product Certificates



## Accessories

### TYB004



USB-C solar panel  
Output Power: 3 watts  
Protection Index: IP55  
Working Temp: -10°C - +65°C  
Dimensions: 380x82x2mm

### ALDC 5V 2Amp LED Charger

5 volt USB-C charger with 3m cable



### EXT USB-C 20cm



### EXT USB-C 3m



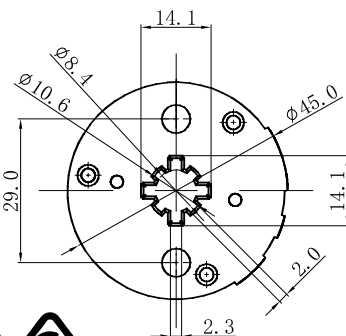
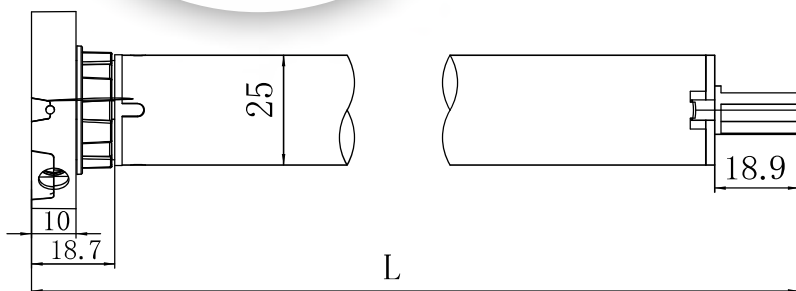
# WSERD30-T 2/31

AC 120-240V power supply  
Built-in transformer  
Electronic limit switch  
Built-in receiver  
3rd intermediate limit position

Alpha's new 240 volt 2/31 motor can fit a 38mm tube and lift a 3m x 3m unlinked internal roller blind, delivering optimal performance.

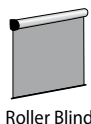


- Compact design
- 25mm diameter
- 3 adjustable speeds
- Motor can fit 38mm tube



## Specifications

| Type                    | 2/31     |
|-------------------------|----------|
| Rated Torque (Nm)       | 2        |
| Output Speed (rpm)      | 25/30/35 |
| Lifting Capacity (m)    | 3x3      |
| Nominal Consumption (W) | 13.6     |
| Input Voltage (V)       | 100-240  |
| Nominal Current (A)     | 0.24     |
| Running Time (mins)     | 4        |
| Protection Index (IP)   | 20       |
| Total Length (mm)       | 532      |
| Maximum Turns           | ∞        |
| Sound Intensity (dB)    | 28       |
| Net Weight (Kg)         | 0.5      |
| Included C&D            | A2310    |



Roller Blind

## Product Certificates



# WSERD40-T 5/40

3 core motor  
Electronic limit switch  
Built-in receiver  
3rd intermediate limit position  
35mm diameter

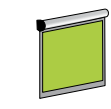
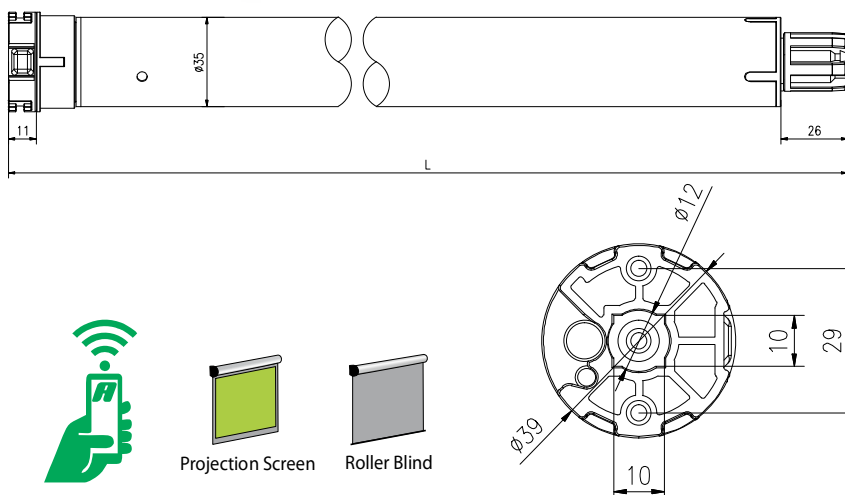
Welcome to the next generation of tubular motors with Alpha's new "Going Green" product range.

Introducing the WSERD40-T 5/40, a high performance tubular motor designed for roller blinds that demand reliability, and energy-efficient operation.

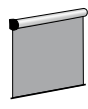


- Quiet operation
- 3 selectable speeds
- Fast motor at 40rpm
- Long thermal overload
- Low power consumption

## Specifications



Projection Screen



Roller Blind

## Product Certificates



| Type                    | 5/40     |
|-------------------------|----------|
| Rated Torque (Nm)       | 5        |
| Output Speed (rpm)      | 24/32/40 |
| Nominal Consumption (W) | 84       |
| Input Voltage (V)       | 100-240V |
| Nominal Current (A)     | 0.38     |
| Running Time (mins)     | 12       |
| Protection Index (IP)   | 44       |
| Total Length (mm)       | 670      |
| Maximum Turns           | ∞        |
| Net Weight (Kg)         | 2.8      |
| Sound Intensity (dB)    | 29       |
| Included Crown & Drive  | A2310    |
| Included Motor Plate    | A3304    |

# WSERD50-T

20/17 OD zip

3 core motor  
Electronic limit switch  
Built-in receiver  
3rd intermediate limit position  
45mm diameter

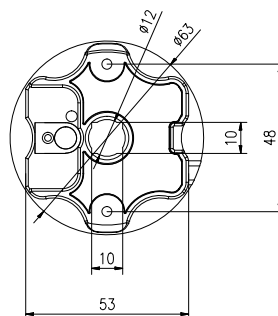
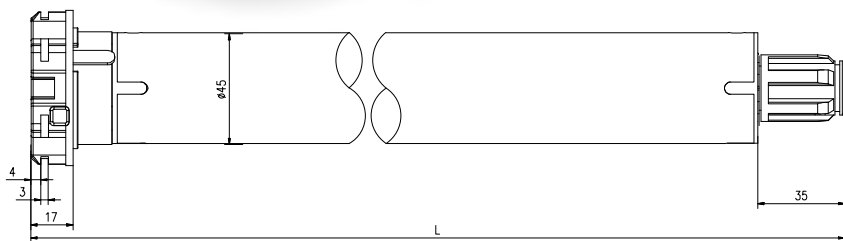
Alpha's next generation of Obstacle Detection zip motors. Alpha is "Going Green" with the WSERD50-T 20/17 OD zip motor.

A fast, quiet motor that uses less electricity, with a long thermal overload cut-out time, so it won't overheat after a few cycles. Reliable Obstacle Detection on the way down, and tensioning on the way up.

S001 wind sensor can also be connected to this motor as an additional safety device.



- Obstacle detection
- Fabric tensioning
- Quiet operation
- 3 selectable speeds
- Long thermal overload
- Low power consumption



## Specifications

| Type                    | 20/17    |
|-------------------------|----------|
| Rated Torque (Nm)       | 20/15/10 |
| Output Speed (rpm)      | 17/20/28 |
| Obstacle Detection      | Yes      |
| Nominal Consumption (W) | 170      |
| Input Voltage (V)       | 100-240V |
| Nominal Current (A)     | 0.77     |
| Running Time (mins)     | 12       |
| Protection Index (IP)   | 44       |
| Total Length (mm)       | 750      |
| Maximum Turns           | ∞        |
| Net Weight (Kg)         | 4.5      |
| Sound Intensity (dB)    | 32       |



External Zip System

Straight Drop

## Product Certificates



# WSERD50-B

rechargeable battery motor

20/12 OD

3rd intermediate limit position

Soft stop

Electronic limit switch

USB-C charging

45mm diameter motor



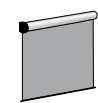
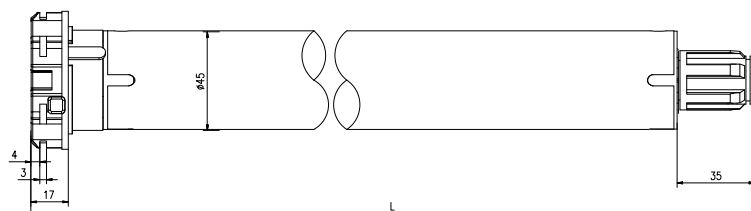
This super quiet new motor offering from Alpha features a built-in rechargeable lithium-ion battery, designed for external applications like zip systems and straight drops awnings.

A range of charging options, including headbox-mounted charging sockets, side channel charging sockets, or TYB004-U solar panel options are available.

This motor features an obstacle detection (OD) function and has a starhead with an A3438 bracket included.

## Specifications - 240V / 50Hz

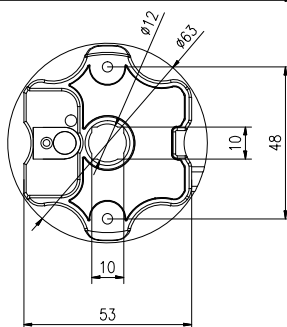
| Type                    | 20/12   |
|-------------------------|---------|
| Obstacle Detection      | YES     |
| Rated Torque (N.m)      | 20      |
| Output Speed (rpm)      | 8/10/12 |
| Nominal Consumption (W) | 96      |
| Nominal Voltage (V)     | 12      |
| Nominal Current (A)     | 8       |
| Running Time (mins)     | 12      |
| Protection Index (IP)   | 44      |
| Total Length (mm)       | 800     |
| Maximum Turns (Turn)    | ∞       |
| Net Weight (Kg)         | 2.6     |
| Included C&D            | A2409   |
| Included Brackets       | A3438   |



Straight Drop



External Zip System



Product Certificates



## Accessories

### TYB007 SOLAR PANEL

(coming July 2026)



Output Power: 8 watts  
Protection Index: IP55  
Working Temp: -10°C - +65°C  
Dimensions: 808mm x 98mm x 9.3mm

### ALDC 5V 2Amp LED Charger

5 volt USB-C charger with 3m cable for external WSERD50-B motor



### USB-C CP 150mm

external charging port



### USB-C CP 1.5m

external charging port



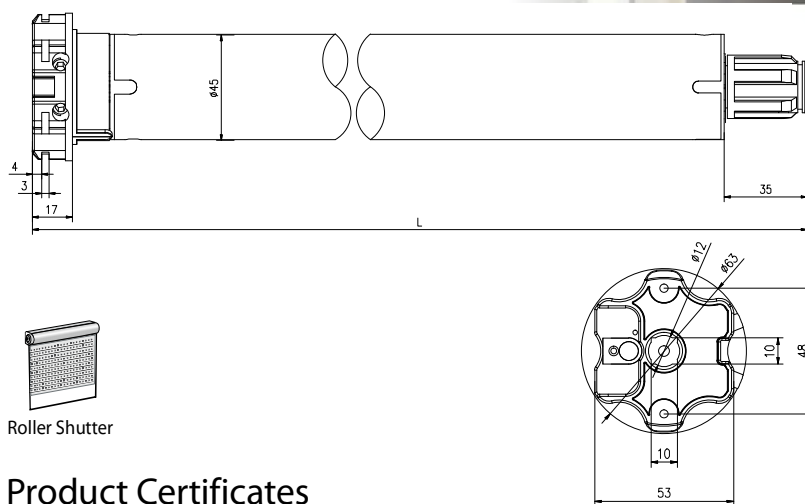
# WSSD50 20/12

Mechanical limit switch  
DC 2 core motor  
45mm diameter motor

Alpha's DC roller shutter motor with rechargeable wall switch.

This 20Nm motor is designed to lift most domestic roller shutters.

The wall switch incorporates a USB-C rechargeable battery to power the motor. Two wall switch versions are available: DCB003 for up/stop/down control and DCB003-R which includes a built-in receiver to allow remote control operation.



Roller Shutter

## Product Certificates



DCB003 Wall Switch sold separately



DCB003



DCB003-R



DCB003-8045A

## WALL CRADLE



## Specifications - 240V / 50Hz

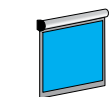
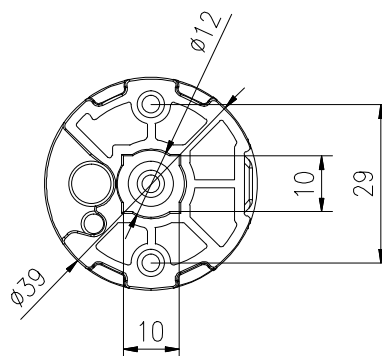
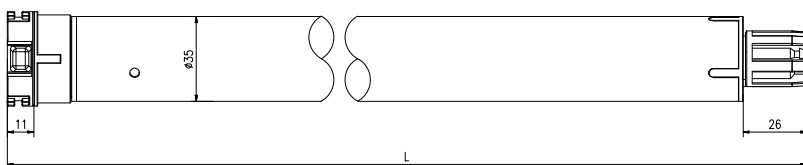
| Type                    | 20/12 |
|-------------------------|-------|
| Rated Torque (N.m)      | 20    |
| Output Speed (rpm)      | 12    |
| Nominal Consumption (W) | 84    |
| Nominal Voltage (V)     | 12    |
| Nominal Current (A)     | 7     |
| Running Time (Min)      | 12    |
| Protection Index (IP)   | 44    |
| Total Length (mm)       | 600   |
| Maximum Turns (Turn)    | 27    |
| Net Weight (Kg)         | 1.4   |
| Included C&D            | A2404 |
| Included Motor Plate    | A3415 |

## Rechargeable Wall Switches

|                        |               |
|------------------------|---------------|
| Output Power (W)       | 60            |
| Nominal Capacity (mAh) | 3000          |
| Protection IP          | 40            |
| USB-C Charger Required | 5V/1A         |
| Dimensions (mm)        | 149x56.6x30.6 |



This is a true one motor for all internal blinds.  
Able to lift 6m wide x 2.5m drop with 2 links.  
It's reliable and delivers smooth quiet operation.



Projection Screen



Roller Blind

## Product Certificates



## Specifications - 240V / 50Hz

| Type                    | 10/14 |
|-------------------------|-------|
| Rated Torque (N.m)      | 10    |
| Output Speed (rpm)      | 14    |
| Nominal Consumption (W) | 116   |
| Nominal Voltage (V)     | 240   |
| Nominal Current (A)     | 0.49  |
| Running Time (Min)      | 4     |
| Protection Index (IP)   | 44    |
| Total Length (mm)       | 560   |
| Maximum Turns (Turn)    | ∞     |
| Net Weight (Kg)         | 1.35  |
| Included C&D            | A2310 |
| Included Motor Plate    | A3304 |

# WSER50

10/27 Universal  
30/17 Universal  
50/13 Universal

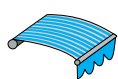
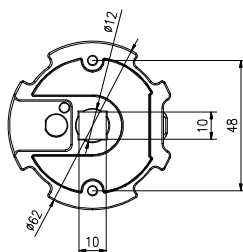
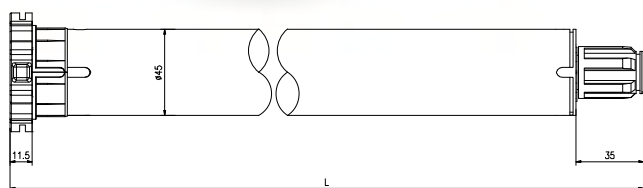
Electronic limit switch  
Built-in receiver  
Wireless limit setting  
3 core motor  
45mm diameter motor

Our WSER50 series Universal motors are the most popular external straight drop motors in Australia.

Due to the upwards torque stop function, this motor is ideal for all external straight drop systems. This protective feature can be used to stop on stoppers at the top limit in side channel systems, and can also be used to tension the fabric when the awning is down. A top limit is set normally and the torque stop function can be used in conjunction. Suitable for use with RS001 and RS002, Sun/Wind sensors.

When used with Sun/Wind sensors, this motor detects a pulse from the sensor issued every 20 minutes. If the Awning is down and does not receive a signal from the sensor for half an hour, it will rise automatically as a protective measure assuming the sensor has failed.

The 30/17 version of this motor is available both with and without Molex connectors. The 10/27 and 50/13 versions are only available with Molex connector.



Awning



Straight Drop



Roller Shutter



External Zip System

## Product Certificates



## Specifications - 240V / 50Hz

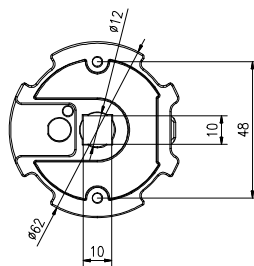
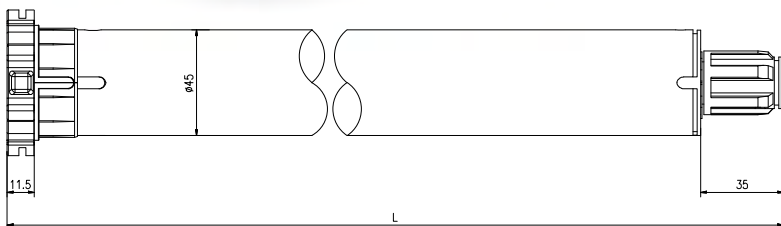
| Type                    | 10/27 | 30/17 | 50/13 |
|-------------------------|-------|-------|-------|
| Rated Torque (N.m)      | 10    | 30    | 50    |
| Output Speed (rpm)      | 27    | 17    | 13    |
| Nominal Consumption (W) | 203   | 226   | 244   |
| Nominal Voltage (V)     | 240   | 240   | 240   |
| Nominal Current (A)     | 0.84  | 0.95  | 1.06  |
| Running Time (Min)      | 4     | 4     | 4     |
| Protection Index (IP)   | 44    | 44    | 44    |
| Total Length (mm)       | 570   | 570   | 600   |
| Maximum Turns (Turn)    | ∞     | ∞     | ∞     |
| Net Weight (Kg)         | 2.30  | 2.45  | 2.65  |
| Included C&D            | A2424 | A2404 | A2404 |
| Included Motor Bracket  | A3415 | A3415 | A3415 |

# WSER50 G 20/17 Grey Universal

Electronic limit switch  
Built-in receiver  
Wireless limit setting  
3 core motor  
45mm diameter motor

The WSER50 G 20/17 Grey Universal is a 20Nm economy motor. This motor is ideal for all external straight drop and zip systems and has all the functions of the larger 30Nm and 50Nm Universal motors, including the upwards torque stop function. This protective feature can be used to stop the awning on stoppers at the top limit in side channel systems, and can also be used to tension the fabric when the awning is down. A top limit is set normally, and the torque stop function can be used in conjunction.

This motor can also be installed in roller shutters where 20Nm is sufficient to lift the shutter.



Straight Drop



Roller Shutter



External Zip System

## Product Certificates



## Specifications - 240V / 50Hz

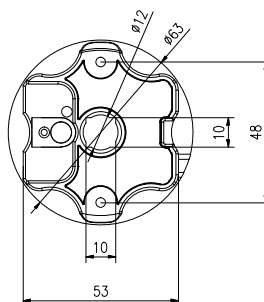
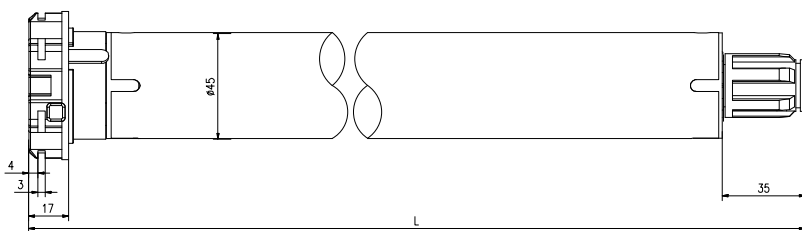
| Type                    | 20/17       |
|-------------------------|-------------|
| Rated Torque (N.m)      | 20          |
| Output Speed (rpm)      | 17          |
| Nominal Consumption (W) | 203         |
| Nominal Voltage (V)     | 240         |
| Nominal Current (A)     | 0.84        |
| Running Time (Min)      | 4           |
| Protection Index (IP)   | 44          |
| Total Length (mm)       | 570         |
| Maximum Turns (Turn)    | ∞           |
| Net Weight (Kg)         | 1.92        |
| Included C&D            | N/A         |
| Included C&D            | A3415/A2404 |

# WSER50 OD 30/17 Obstacle Detection

Electronic limit switch  
Built-in receiver  
Wireless limit setting  
3 core motor  
45mm diameter motor

Designed primarily with Zip style systems in mind, this motor incorporates obstacle detection on the way down and torque stop on the way up. It can stop on stoppers at the top limit if necessary on the way up, but also, if on the way down, the motor detects that the bottom bar has stopped moving in the channel due to getting stuck or hitting an object, it will rebound to a higher point and attempt to go down again. After attempting this 3 times unsuccessfully, if it has detected an obstacle, it will return to the rebound position and stop. But if it has detected wind stopping the awning, then it will return to the top limit.

This motor has a star shaped head which is different to all other Alpha motor heads, and will suit many common mountings used by various manufacturers when producing their product.



External Zip System

## Product Certificates



For compatible mounting brackets, please see the A3438, A3439 and A3440 on page 55

## Specifications - 240V / 50Hz

| Type                    | 30/17 |
|-------------------------|-------|
| Rated Torque (N.m)      | 30    |
| Output Speed (rpm)      | 17    |
| Nominal Consumption (W) | 226   |
| Nominal Voltage (V)     | 240   |
| Nominal Current (A)     | 0.95  |
| Running Time (Min)      | 4     |
| Protection Index (IP)   | 44    |
| Total Length (mm)       | 570   |
| Maximum Turns (Turn)    | ∞     |
| Net Weight (Kg)         | 2.45  |

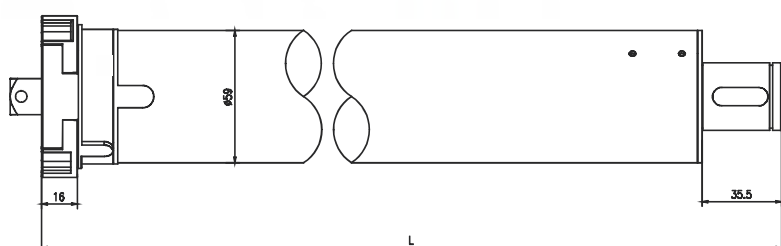
# WSER60 100/12 Universal

Electronic limit switch  
Built-in receiver  
Wireless limit setting  
3 core motor  
60mm diameter motor

This motor is the super heavy duty version in the WSER family.

Although it's a universal motor, it's compatible with extra-large folding arms including the additional safety features provided by motion and wind sensors.

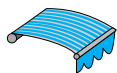
Due to the larger diameter of this motor, the smallest tube it can be used with is a 78mm Gal round tube with keyway, or 70mm octagonal roller shutter tube.



Please see folding arm motor guide on page 58 for motor selection.

## Specifications - 240V / 50Hz

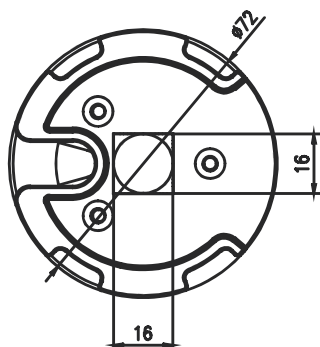
| Type                    | 100/12   |
|-------------------------|----------|
| Rated Torque (N.m)      | 100      |
| Output Speed (rpm)      | 12       |
| Nominal Consumption (W) | 370      |
| Nominal Voltage (V)     | 240      |
| Nominal Current (A)     | 1.60     |
| Running Time (Min)      | 4        |
| Protection Index (IP)   | 44       |
| Total Length (mm)       | 685      |
| Maximum Turns (Turn)    | ∞        |
| Net Weight (Kg)         | 5.06     |
| Included C&D            | A2502    |
| Included Motor Bracket  | A3006-01 |



Awning



Roller Shutter



## Product Certificates



# WSER50

30/17 Cassette Awning  
50/13 Cassette Awning

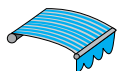
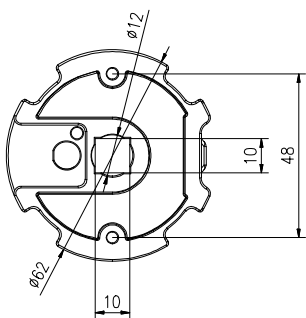
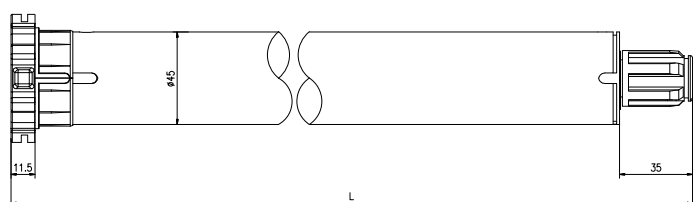
Electronic limit switch  
Built-in receiver  
Wireless limit setting  
3 core motor  
45mm diameter motor

These motors are designed to automatically set their inner limit based on tension. It will also allow you to set the inner limit manually if you require.

When using the auto inner limit setting, the outer limit is set manually using the remote and it will find its own inner stopping position by detecting the resistance as it reaches the fully closed position the first time it is closed. After this the motor will stop in this position after detecting an increased resistance of 25% while moving.

On larger cassette awnings, 25% is sometimes not enough so you can increase this to 50%, 75% or 100% if required. It's rare to need this adjustment but it's a good feature to have.

When used with Sun/Wind sensors or Motion sensors, this motor detects a pulse from the sensor issued every 20 minutes. If the Awning is out and does not receive a signal from the sensor for half an hour, it will close itself automatically as a protective measure assuming the sensor has failed or the batteries are flat.



Awning

## Product Certificates



Please see folding arm motor guide  
on page 58 for motor selection.

## Specifications - 240V / 50Hz

| Type                    | 30/17 | 50/13 |
|-------------------------|-------|-------|
| Rated Torque (N.m)      | 30    | 50    |
| Output Speed (rpm)      | 17    | 13    |
| Nominal Consumption (W) | 226   | 244   |
| Nominal Voltage (V)     | 240   | 240   |
| Nominal Current (A)     | 0.95  | 1.06  |
| Running Time (Min)      | 4     | 4     |
| Protection Index (IP)   | 44    | 44    |
| Total Length (mm)       | 570   | 600   |
| Maximum Turns (Turn)    | ∞     | ∞     |
| Net Weight (Kg)         | 2.45  | 2.65  |
| Included C&D            | A2409 | A2409 |
| Included Motor Plate    | A3415 | A3415 |

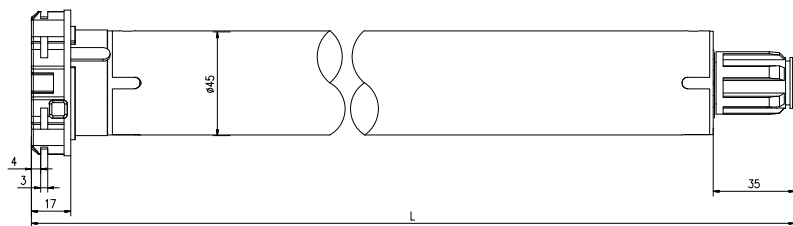
# WSER50 50/13 LED Cassette Awning

Electronic limit switch  
Built-in receiver  
Wireless limit setting  
3 core motor  
45mm diameter motor



Alpha's new LED Cassette Awning motor incorporates a 24 volt DC LED output to control the LED's on the arms of an awning. The power supply for the LED is built-in to the motor.

Use the Navigator RE301-LED remote control (see page 36) to switch the LEDs on or off and to utilise the dimming function. The maximum DC output for the LED is 80 watts.



For mounting brackets, please see page 55

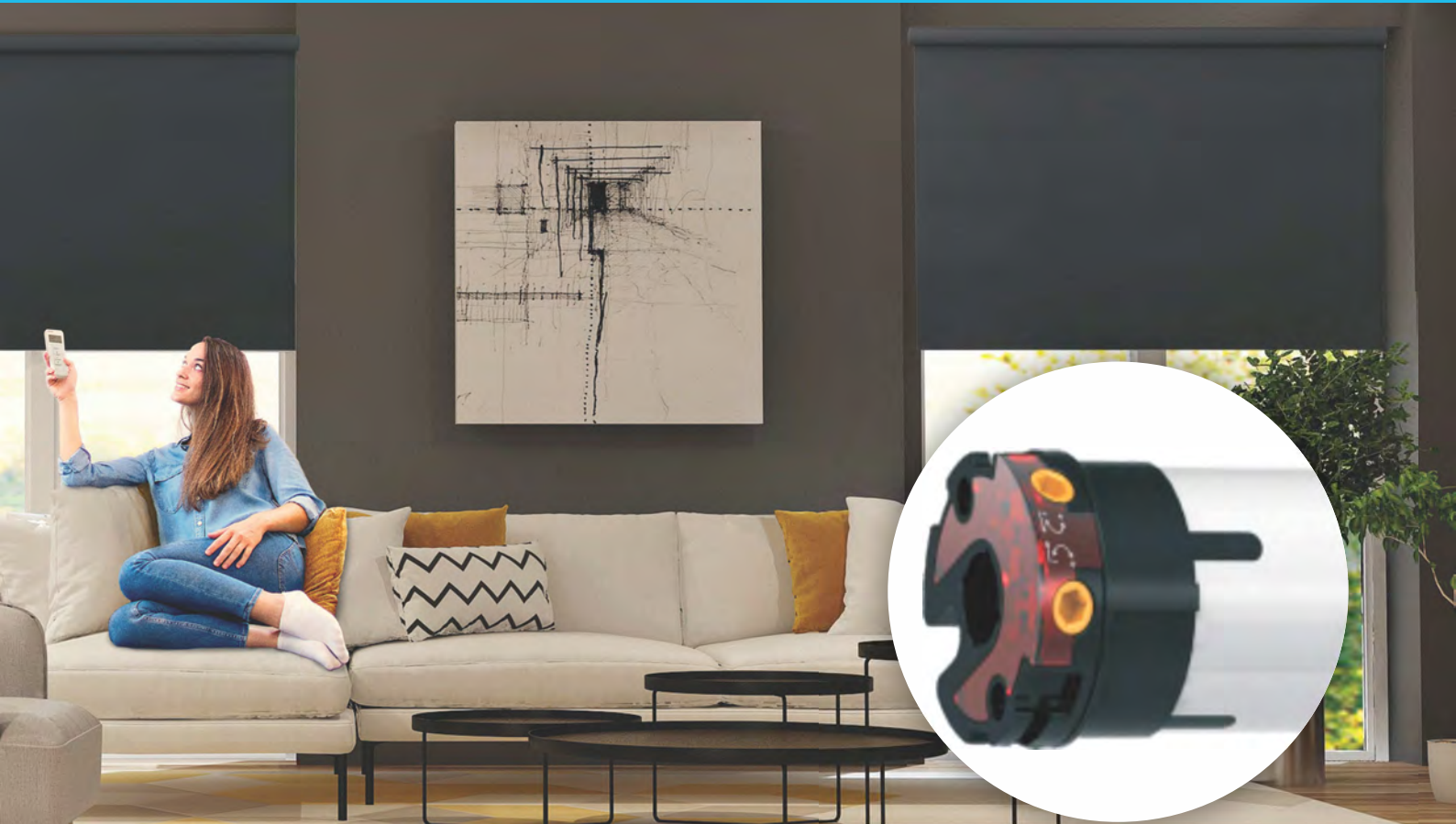


## Specifications - 240V / 50Hz

| Type                      | 50/13 |
|---------------------------|-------|
| Rated Torque (N.m)        | 50    |
| Output Speed (rpm)        | 13    |
| Nominal Consumption (W)   | 244   |
| Nominal Voltage (V)       | 230   |
| Nominal Current (A)       | 1.06  |
| Running Time (Min)        | 4     |
| Protection Index (IP)     | 44    |
| Total Length (mm)         | 966   |
| Maximum Turns (Turn)      | ∞     |
| Net Weight (Kg)           | 3.72  |
| LED Output (W)            | 80    |
| LED Output DC Voltage (V) | 24    |
| Included C&D              | A2409 |
| Included Bracket          | A3440 |

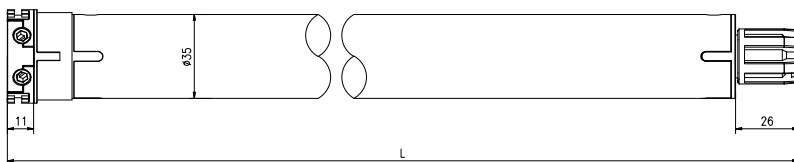
## Product Certificates





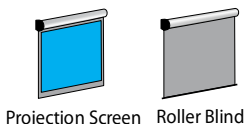
A basic 4 core motor for when you want a reliable workhorse without any bells and whistles.

Unlike the WSEC Series motors, these motors cannot be parallel wired.

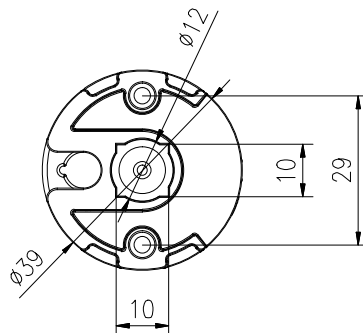


### Specifications - 240V / 50Hz

| Type                    | 5/28  |
|-------------------------|-------|
| Rated Torque (N.m)      | 5     |
| Output Speed (rpm)      | 28    |
| Nominal Consumption (W) | 116   |
| Nominal Voltage (V)     | 240   |
| Nominal Current (A)     | 0.49  |
| Running Time (Min)      | 4     |
| Protection Index (IP)   | 44    |
| Total Length (mm)       | 480   |
| Maximum Turns (Turn)    | 40    |
| Net Weight (Kg)         | 1.34  |
| Included C&D            | A2310 |
| Included Motor Bracket  | A3304 |



Projection Screen Roller Blind



### Product Certificates

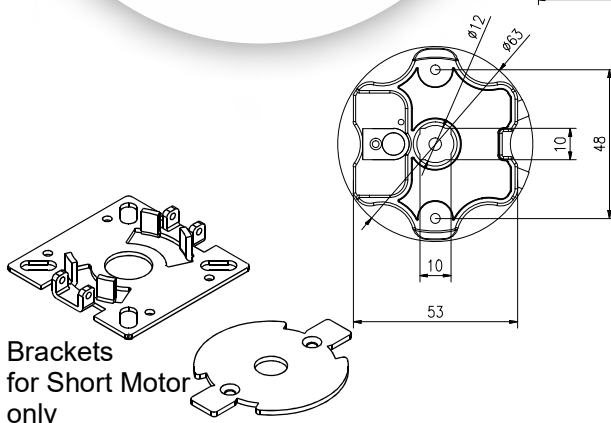
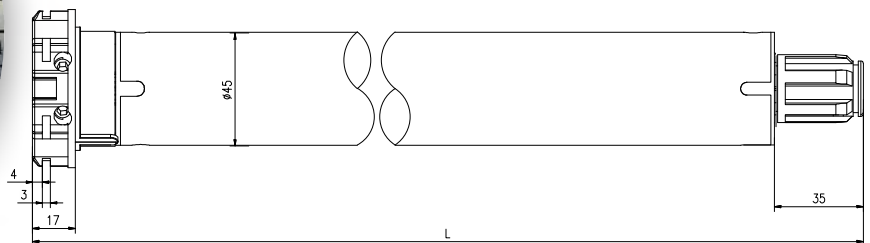




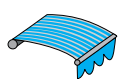
This is a standard mechanical limits motor like the WSS50 motors except that it is only 380mm long. This makes it suitable for many applications where the longer WSS50 won't fit, like roller shutters on very narrow bay windows for example.

To keep the size to a minimum, this motor has a different head to the standard WSS50 motors and as such requires a different mounting bracket as per the bracket image. This bracket will be supplied with the motor as standard. Also due to the short length, there is a maximum of 12 turns between limits. This equates to approximately 4 metres drop for a roller shutter using octagonal axle.

This motor is not recommended for internal roller blind use, due to limited mounting options and the limitation on the number of turns. Please see if the WSS40 motor on the previous page is short enough to meet your needs.



Brackets  
for Short Motor  
only



Awning



Roller Blind



Roller Shutter



## Specifications - 240V / 50Hz

| Type                    | 10/17<br>SHORT MOTOR | 30/17 | 50/13 |
|-------------------------|----------------------|-------|-------|
| Rated Torque (N.m)      | 10                   | 30    | 50    |
| Output Speed (rpm)      | 17                   | 17    | 13    |
| Nominal Consumption (W) | 155                  | 226   | 244   |
| Nominal Voltage (V)     | 240                  | 240   | 240   |
| Nominal Current (A)     | 0.68                 | 0.95  | 1.06  |
| Running Time (Min)      | 4                    | 4     | 4     |
| Protection Index (IP)   | 44                   | 44    | 44    |
| Total Length (mm)       | 380                  | 455   | 480   |
| Maximum Turns (Turn)    | 12                   | 27    | 27    |
| Net Weight (Kg)         | 1.86                 | 2.40  | 2.47  |
| Included C&D            | A2404                | A2404 | A2404 |
| Included Motor Bracket  | A3045                | A3415 | A3415 |

## Product Certificates



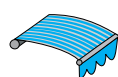
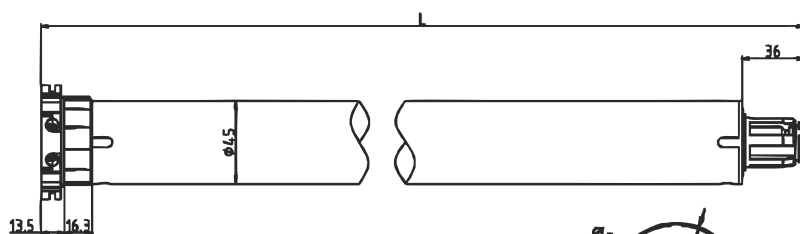
# WSS50 Grey 20/17

Mechanical limits  
4 core motor  
45mm diameter motor



Alpha Grey is our economy product aimed specifically at the roller shutter market, and designed to compete at a price point that the normal premium Alpha product can't reach. This is a standard mechanical limits motor, available either with or without a molex connector. Although the normal Alpha motors punch well above their weight in terms of performance, the Alpha Grey motors are not as over-engineered as the premium product but absolutely meet their specifications and are a great reliable motor. The warranty has been reduced to the normal industry standard of 5 years.

If you need a competitive edge on price but are tired of buying inferior motors through shutter suppliers that are often not even compliant to Australian standards, why not give Alpha Grey a try.



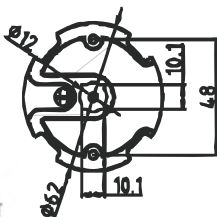
Awning



Roller Blind



Roller Shutter



## Specifications - 240V / 50Hz

| Type                    | 20/17 |
|-------------------------|-------|
| Rated Torque (N.m)      | 20    |
| Output Speed (rpm)      | 17    |
| Nominal Consumption (W) | 155   |
| Nominal Voltage (V)     | 240   |
| Nominal Current (A)     | 0.68  |
| Running Time (Min)      | 4     |
| Protection Index (IP)   | 44    |
| Total Length (mm)       | 445   |
| Maximum Turns (Turn)    | 27    |
| Net Weight (Kg)         | 2.40  |
| Included C&D            | A2404 |
| Included Motor Bracket  | A3415 |

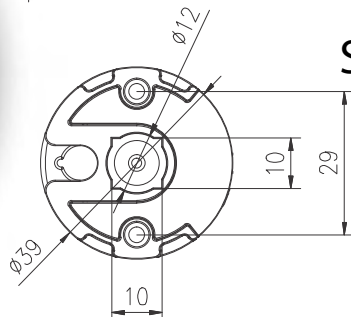
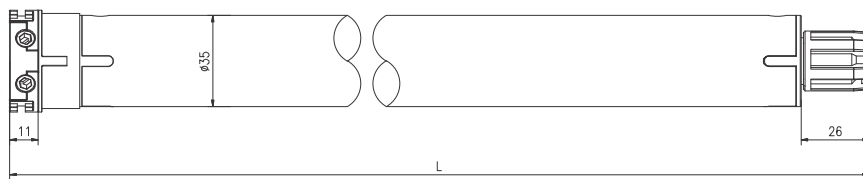
## Product Certificates



# WSEB40

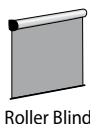
5/28

Built in receiver  
Mechanical limits  
3 core motor  
35mm diameter motor



## Specifications - 240V / 50Hz

| Type                    | 5/28  |
|-------------------------|-------|
| Rated Torque (N.m)      | 5     |
| Speed (RPM)             | 28    |
| Nominal Consumption (W) | 121   |
| Nominal Voltage (V) AC  | 240   |
| Nominal Current (A)     | 0.53  |
| Running Time (Min)      | 4     |
| Protection Index (IP)   | 44    |
| Total Length (mm)       | 660   |
| Maximum Turns           | 27    |
| Net Weight (Kg)         | 1.42  |
| Included C&D            | A2310 |
| Included Motor Plate    | A3304 |



Roller Blind

The WSEB40 is a 35mm diameter mechanical limits motor with a built in receiver, perfect for internal roller blinds.

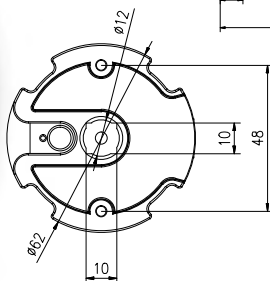
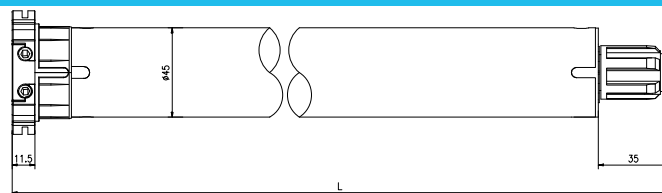
### Product Certificates



# WSEB50

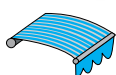
30/17  
50/13

Built in receiver  
Mechanical limits  
3 core motor  
45mm diameter motor



## Specifications - 240V / 50Hz

| Type                    | 30/17 | 50/13 |
|-------------------------|-------|-------|
| Rated Torque (N.m)      | 30    | 50    |
| Speed (RPM)             | 17    | 13    |
| Nominal Consumption (W) | 226   | 244   |
| Nominal Voltage (V) AC  | 240   | 240   |
| Nominal Current (A)     | 0.95  | 1.06  |
| Running Time (Min)      | 4     | 4     |
| Protection Index (IP)   | 44    | 44    |
| Total Length (mm)       | 570   | 570   |
| Maximum Turns           | 27    | 27    |
| Net Weight (Kg)         | 2.4   | 2.6   |
| Included C&D            | A2404 | A2404 |
| Included Motor Bracket  | A3415 | A3415 |



Awning



Roller Shutter

The WSEB50 is a 45mm diameter mechanical limits motor with a built in receiver, perfect for roller shutters.

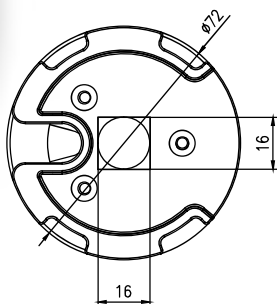
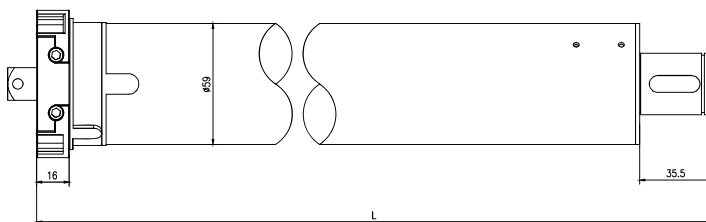
### Product Certificates



# WSEB60

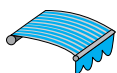
80/12  
120/9

Built in receiver  
Mechanical limits  
3 core motor  
60mm diameter motor



## Specifications - 240V / 50Hz

| Type                    | 80/12    | 120/9 |
|-------------------------|----------|-------|
| Rated Torque (N.m)      | 80       | 120   |
| Speed (RPM)             | 12       | 9     |
| Nominal Consumption (W) | 370      | 488   |
| Nominal Voltage (V) AC  | 240      | 240   |
| Nominal Current (A)     | 1.6      | 2.15  |
| Running Time (Min)      | 4        | 4     |
| Protection Index (IP)   | 44       | 44    |
| Total Length (mm)       | 710      | 712   |
| Maximum Turns           | 27       | 27    |
| Net Weight (Kg)         | 4.75     | 4.76  |
| Included C&D            | A2502    | A2502 |
| Included Bracket        | A3006-01 |       |



Awning Roller Shutter

The WSEB60 is a 60mm mechanical limits motor with a built in receiver for those super heavy duty jobs.

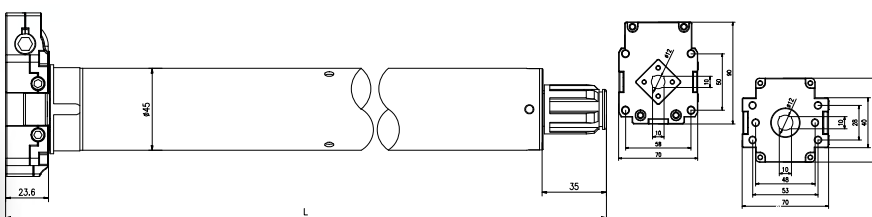
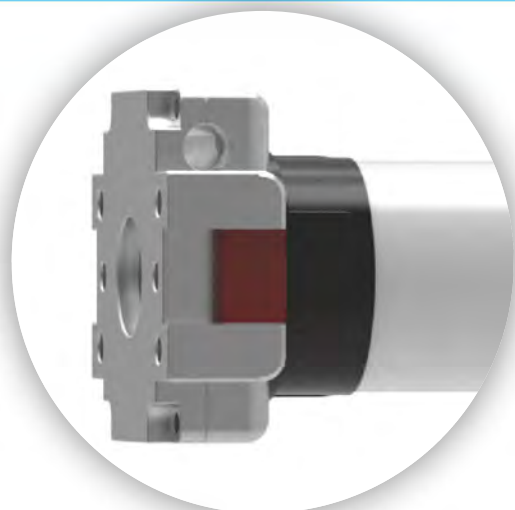
### Product Certificates



# WSME50 E

50/13

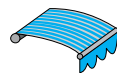
Electronic limit switch  
Built-in receiver  
Wireless limit setting  
3 core motor



This motor has manual override and electronic limits. Unlike most override motors, the electronic limits allow easy installation and programming, as well as the flexibility to be used in cassette systems that block access to typical mechanical limit mechanisms on conventional manual override motors.

## Specifications - 240V / 50Hz

| Type                    | 50/13 |
|-------------------------|-------|
| Rated Torque (Nm)       | 50    |
| Output Speed (rpm)      | 13    |
| Nominal Consumption (W) | 244   |
| Nominal Voltage (V)     | 240   |
| Nominal Current (A)     | 1.06  |
| Running Time (Min)      | 4     |
| Protection Index (IP)   | 44    |
| Total Length (mm)       | 630   |
| Maximum Turns (Turn)    | ∞     |
| Net Weight (kg)         | 3.5   |



100mm eyelet (included)

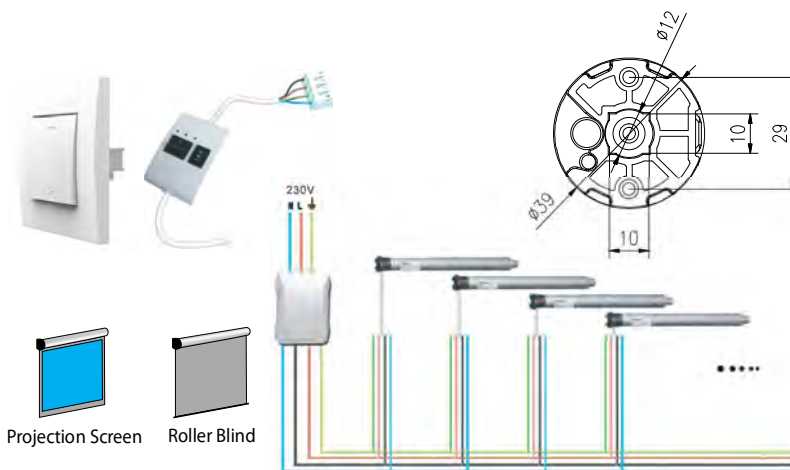
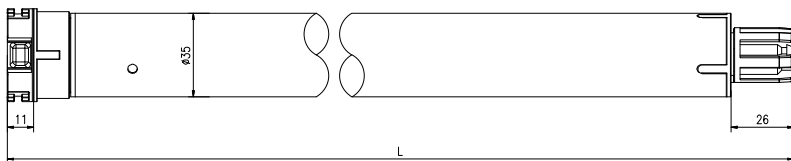
### Product Certificates





## BEST CHOICE FOR AUTOMATION SYSTEM where electrically controlled 4 core motors are required.

Limits may be set by using either the WSB01 limit setting tool or by using the button on the motor head.



### Product Certificates



### Specifications - 240V / 50Hz

| Type                    | 5/28  |
|-------------------------|-------|
| Rated Torque (N.m)      | 5     |
| Output Speed (rpm)      | 28    |
| Nominal Consumption (W) | 116   |
| Nominal Voltage (V)     | 240   |
| Nominal Current (A)     | 0.49  |
| Running Time (Min)      | 4     |
| Protection Index (IP)   | 44    |
| Total Length (mm)       | 560   |
| Maximum Turns (Turn)    | ∞     |
| Net Weight (Kg)         | 1.35  |
| Included C&D            | A2310 |
| Included Motor Bracket  | A3304 |

# WSEC50 30/17 Universal

Electronic limit switch  
For use with building management systems  
Parallel wiring compatible  
4 core motor  
45mm diameter motor

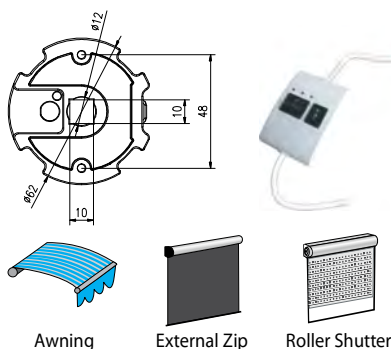
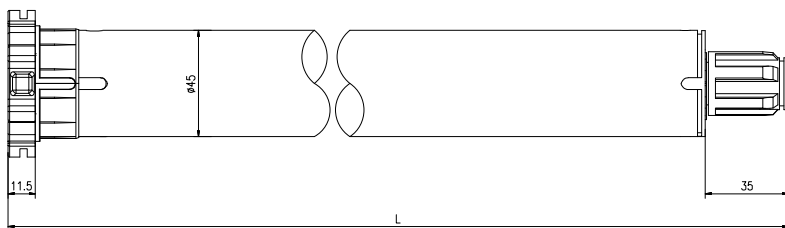


## **BEST CHOICE FOR AUTOMATION SYSTEM where electrically controlled 4 core motors are required.**

This motor is recommended for all external straight drop awning products.

Limits may be set by using either the WSB01 limit setting tool or by using the button on the motor head.

These motors cannot be protected or controlled by Sun/Wind or Motion sensors. Any protective features must be provided by the control system operating the motors.



## Specifications - 240V / 50Hz

| Type                    | 30/17 |
|-------------------------|-------|
| Rated Torque (N.m)      | 30    |
| Output Speed (rpm)      | 17    |
| Nominal Consumption (W) | 226   |
| Nominal Voltage (V)     | 240   |
| Nominal Current (A)     | 0.95  |
| Running Time (Min)      | 4     |
| Protection Index (IP)   | 44    |
| Total Length (mm)       | 570   |
| Maximum Turns (Turn)    | ∞     |
| Net Weight (Kg)         | 2.20  |
| Included C&D            | A2404 |
| Included Motor Bracket  | A3415 |

## Product Certificates



# WSM50

30/17  
50/13

## manual override

Override head  
Mechanical limits  
4 core motor  
45mm diameter motor

This is a mechanical limits motor, with the addition of manual override.

This feature allows a roller shutter or awning to be operated by a crank handle in the event of a power failure, as an emergency operation only and is not suitable for general usage.



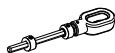
**PLEASE NOTE:**  
For eyelet &  
crank handle  
options see  
page 57



Roller Shutter



Awning



100mm eyelet  
(included)



### Product Certificates



### Specifications - 240V / 50Hz

| Type                    | 30/17 | 50/13 |
|-------------------------|-------|-------|
| Rated Torque (N.m)      | 30    | 50    |
| Output Speed (rpm)      | 17    | 13    |
| Nominal Consumption (W) | 226   | 244   |
| Nominal Voltage (V)     | 240   | 240   |
| Nominal Current (A)     | 0.95  | 1.06  |
| Running Time (Min)      | 4     | 4     |
| Protection Index (IP)   | 44    | 44    |
| Total Length (mm)       | 625   | 625   |
| Maximum Turns (Turn)    | 27    | 27    |
| Override Turn Ratio     | 45:1  | 45:1  |
| Net Weight (Kg)         | 3.1   | 3.3   |
| Included C&D            | A2404 | A2404 |

# WSME50

30/17  
50/13

## manual override with built-in receiver

Override head  
Built-in receiver  
Mechanical limits  
3 core motor  
45mm diameter motor

This motor is a remote control version of a mechanical limits motor, with the addition of manual override. This feature allows a roller shutter or awning to be operated by a crank handle in the event of a power failure.

This feature is to allow for emergency operation only and is not suitable for general usage.



**PLEASE NOTE:**  
For eyelet &  
crank handle  
options see  
page 57



Roller Shutter



Awning



100mm eyelet  
(included)

### Product Certificates



### Specifications - 240V / 50Hz

| Type                    | 30/17 | 50/13 |
|-------------------------|-------|-------|
| Rated Torque (N.m)      | 30    | 50    |
| Output Speed (rpm)      | 17    | 13    |
| Nominal Consumption (W) | 226   | 244   |
| Nominal Voltage (V)     | 240   | 240   |
| Nominal Current (A)     | 0.95  | 1.06  |
| Running Time (Min)      | 4     | 4     |
| Protection Index (IP)   | 44    | 44    |
| Total Length (mm)       | 740   | 740   |
| Maximum Turns (Turn)    | 27    | 27    |
| Override Turn Ratio     | 45:1  | 45:1  |
| Net Weight (Kg)         | 4.1   | 4.3   |
| Included C&D            | A2404 | A2404 |

# WSM60

manual override

80/12  
120/9  
140/9

Override head  
Mechanical limits  
4 core motor  
60mm diameter motor

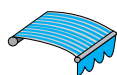


This is a mechanical limits motor, with the addition of manual override. This feature allows a roller shutter or awning to be operated by a crank handle in the event of a power failure. This feature is to allow for emergency operation only and is not suitable for general usage.

## Specifications - 240V / 50Hz

| Type                    | 80/12 | 120/9 | 140/9 |
|-------------------------|-------|-------|-------|
| Rated Torque (N.m)      | 80    | 120   | 140   |
| Output Speed (rpm)      | 12    | 9     | 9     |
| Nominal Consumption (W) | 370   | 488   | 488   |
| Nominal Voltage (V)     | 240   | 240   | 240   |
| Nominal Current (A)     | 1.6   | 2.15  | 2.15  |
| Running Time (Min)      | 4     | 4     | 4     |
| Protection Index (IP)   | 44    | 44    | 44    |
| Total Length (mm)       | 630   | 660   | 660   |
| Maximum Turns (Turn)    | 27    | 27    | 27    |
| Net Weight (Kg)         | 6.15  | 6.18  | 6.18  |
| Included C&D            | A2501 | A2501 | A2501 |

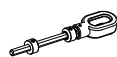
**PLEASE NOTE:**  
for eyelet and  
crank handle  
options see  
page 57



Awning



Roller Shutter



100mm eyelet  
(included)

### Product Certificates



# WSME60

80/12  
140/9

manual override with built-in receiver

Override head  
Mechanical limits  
Built-in receiver  
3 core motor  
60mm diameter motor

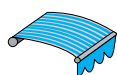


This motor is a remote control version of a mechanical limits motor, with the addition of manual override. This feature allows a roller shutter or awning to be operated by a crank handle in the event of a power failure. This feature is to allow for emergency operation only and is not suitable for general usage.

## Specifications - 240V / 50Hz

| Type                    | 80/12 | 140/9 |
|-------------------------|-------|-------|
| Rated Torque (N.m)      | 80    | 140   |
| Output Speed (rpm)      | 12    | 9     |
| Nominal Consumption (W) | 370   | 488   |
| Nominal Voltage (V)     | 240   | 240   |
| Nominal Current (A)     | 1.6   | 2.15  |
| Running Time (Min)      | 4     | 4     |
| Protection Index (IP)   | 44    | 44    |
| Total Length (mm)       | 830   | 830   |
| Maximum Turns (Turn)    | 27    | 27    |
| Net Weight (Kg)         | 6.15  | 6.16  |
| Included C&D            | A2501 | A2501 |

**PLEASE NOTE:**  
for eyelet and  
crank handle  
options see  
page 57



Awning



Roller Shutter



100mm eyelet  
(included)

### Product Certificates



# **The Alpha**

## Curtain & Vertical Systems



# Curtain Motors

3 core motor  
Electronic limit switch  
Built-in receiver  
Auto limits setting

Soft start and soft stop  
Hand operable during power-off  
Touch control  
3rd intermediate limit position

## WSCMJ-AC-2.0

AC curtain motor



## WSCMI-DC-2.0

Lithium battery curtain motor and wall mount battery pack



**ALDC 16.8V  
charger required**



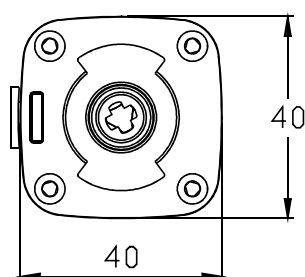
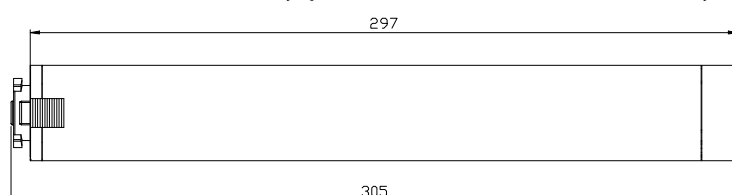
1 metre connecting cable supplied

This curtain motor it's available in both AC (WSCMJ) and DC (WSCMI) versions.

Both are remote control motors that are compatible with all Alpha controllers and our Neo App.

Dry contact control is also available on both for use with switches or relays. Both motors have a hand pull-start function, auto limit setting, and have the same pulling capacity of 50kg.

The curtain can be drawn by hand if power is disconnected. The DC version comes with a wall mount cradle for the battery pack and a removable battery for easier charging.



## Specifications

| Type                          | AC      | DC      |
|-------------------------------|---------|---------|
| Rated Torque (N.m)            | 2       | 2       |
| Maximum Pulling Weight (kg)   | 50      | 50      |
| Running Speed (cm per second) | 9/12/14 | 9/12/14 |
| Nominal Voltage (V)           | 240     | 12      |
| Nominal Current (A)           | 0.47    | 4       |
| Running Time                  | ∞       | ∞       |
| Protection Index (IP)         | 20      | 20      |
| Total Length (mm)             | 300     | 250     |
| Maximum Turns                 | ∞       | ∞       |
| Net Weight (Kg)               | 0.92    | 0.66    |
| Relay or Switch Control       | Yes     | Yes     |
| Idle Ends Required            | CMA2J   | CMA2J   |

Product Certificates



# Curtain Motors

Auto limits setting  
4 core motor  
Hand operable during power-off  
Touch control

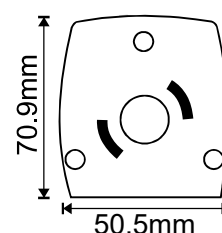
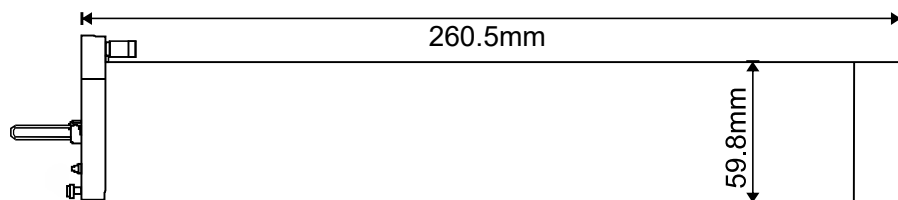
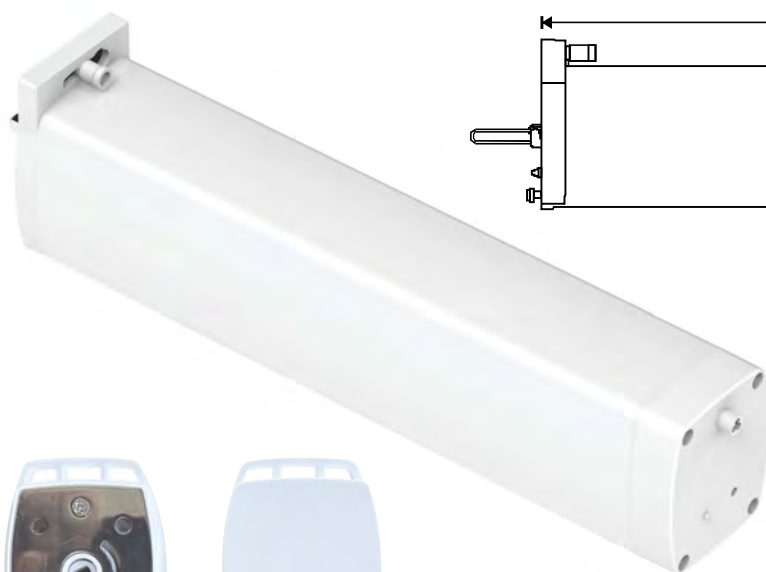
## WSCMXG-AC-1.2

AC 4-core curtain motor

Introducing Alpha's innovative 4-core Curtain Motor which can be used with a 4 wire home automation system or a wall switch.

Features include automatic limit setting and touch control to start motor.

Used with CMA-XG idle ends.



**CMA-XG**  
idle ends

Product Certificates



### Specifications

| Type                        | AC       |
|-----------------------------|----------|
| Rated Torque (N.m)          | 1.2      |
| Maximum Pulling Weight (kg) | 30       |
| Nominal Voltage (V)         | 240      |
| Nominal Current (A)         | 0.1      |
| Protection Index (IP)       | 40       |
| Total Length (mm)           | 260      |
| Maximum Turns               | $\infty$ |
| Net Weight (Kg)             | 1        |
| Idle Ends Required          | CMA-XG   |

# Curtain Motors

Electronic limit switch  
Built-in receiver  
Auto limits setting  
Soft start and soft stop

Hand operable during power-off  
Touch control  
3rd intermediate limit position  
Quiet operation

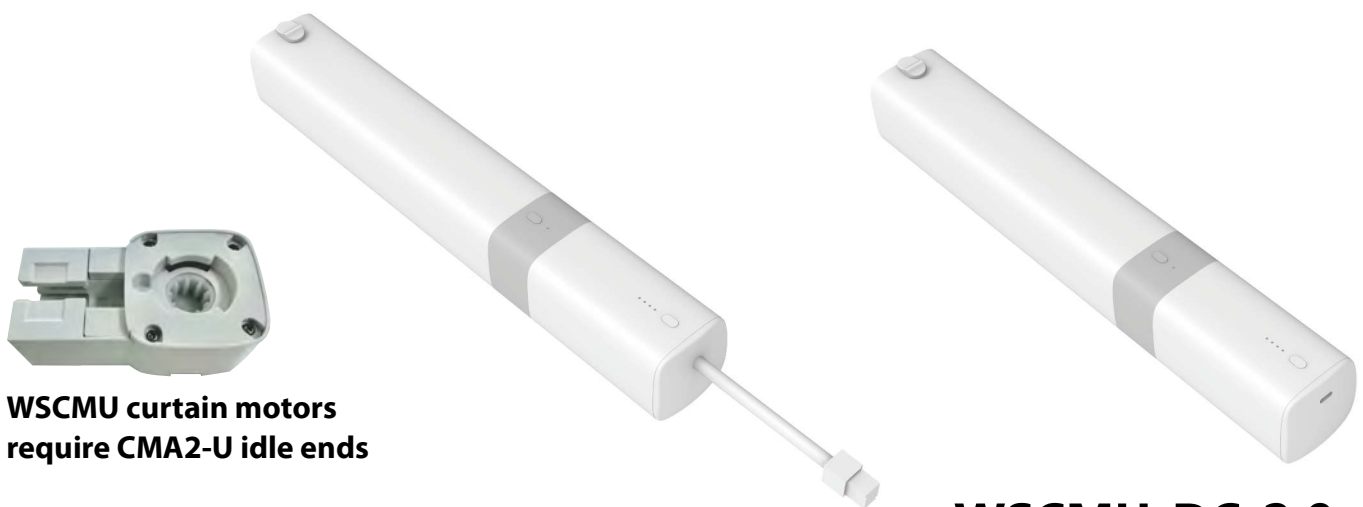


This versatile curtain system is available in both AC and DC configurations.

The motor is standard across both versions, with an interchangeable battery pack and power pack which makes switching between AC and DC quick and effortless. Battery pack is USB-C rechargeable, providing convenient charging options.

Pulling capacity is 50 kg, and the curtain can be drawn by hand if power is disconnected.

Tug control provides tactile feedback and controlled performance during manual operation.



**WSCMU curtain motors  
require CMA2-U idle ends**



Curtains

Product Certificates



## WSCMU-AC-2.0

|                     |        |
|---------------------|--------|
| Rated Torque (Nm)   | 2      |
| Speed (cm/sec)      | 12     |
| Lifting Weight (Kg) | 50     |
| Input Current (A)   | 2.3    |
| Input Voltage (V)   | 12     |
| Rated Power (W)     | 28     |
| Idle End Required   | CMA2-U |

## WSCMU-DC-2.0

|                        |          |
|------------------------|----------|
| Rated Torque (Nm)      | 2        |
| Nominal Capacity (mAh) | 3200     |
| Nominal Voltage (V)    | 11.1     |
| Output Power (W)       | 28       |
| Protection Index (IP)  | 40       |
| Charging               | 5V USB-C |
| Charging Time (Hours)  | 7-8      |
| Idle End Required      | CMA2-U   |

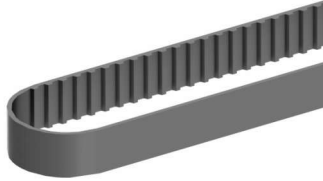
# Curtain Accessories

**CMAT6**



**CURTAIN TRACK**  
motorised aluminium track  
6m lengths, white

**CMA1**



**DRIVE BELT**  
with high strength non-corrosive  
steel wire  
(minimum qty 100m roll)

**CMA2-J**

**DRIVE UNIT/IDLE ENDS**  
for CMAT track system  
and WSCMJ, WSCMQ and WSCMI curtain motors  
(Sold in pairs)



**CMA2-G**

**DRIVE UNIT/IDLE ENDS**  
for Glydea® track system  
and WSCMJ, WSCMQ and WSCMI curtain motors  
(Sold in pairs)



**CMA2-S**

**SLIMLINE DRIVE  
IDLE END**  
for CMAT track system  
(Sold individually)

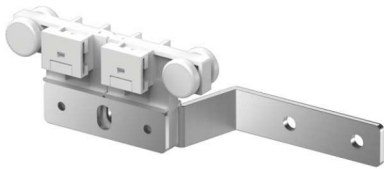


**CMA2-U**

**DRIVE UNIT/IDLE END**  
for CMAT track system  
and WSCMU-AC-2.0  
and WSCMU-DC-2.0 curtain motors (sold in pairs)



**CMA3A**



**CMA3B**



**MASTER CARRIER**

CMA3A - Rigid master carrier  
(STRAIGHT TRACK ONLY)  
CMA3B - Bendable master carrier  
(FOR USE WITH CORNERS)  
1 piece for one side opening  
2 pieces for centre opening

**CMA3F**



**BENDABLE MASTER CARRIER**  
for S Wave  
Sold in sets of 2



**CMA4**

**END STOP WITH HOOK**  
2 pieces required per track



**CMA5**

**RETURN HOOK**  
2 pieces required per track

# Curtain Accessories

## CMA6 RUNNER

8 pieces required per metre



## CMA-XG



**IDLE ENDS**  
for 4 core motor  
(sold in pairs)

## CMA8 (A or B)



**RIPPLE FOLD CARRIER WITH PENDANTS**  
CMA8A - 80mm spacing sold in 40m rolls  
(NOT SUITABLE FOR USE WITH CORNERS)  
CMA8B - 60mm spacing sold in 30m rolls

## CMA9

BASIC  
TRACK JOINER



## CMA9A

PREMIUM  
TRACK JOINER



**Almost invisible, super precise connector**

## CMA10/90

CORNER JOINER  
connector for 2 tracks  
at 90 degree angle



## CMA10/135

CORNER JOINER  
connector for 2 tracks  
at 135 degree angle



## CMA11

CEILING  
MOUNT  
BRACKETS



## CMA11A

CEILING  
MOUNT  
BRACKETS



## CMA12



## WALL BRACKETS

base only, requires an additional CMA11  
per bracket

## CMA13



**EXTENDED DOUBLE WALL BRACKET**  
base only, requires 2x CMA11 per bracket

# Vertical Motor & Track

Alpha's new motorised vertical/slat-style curtain track and accessories are available for use with the WSCMXF-AC-2.0 and WSCMXF-L-DC-2.0 motors. These motors are operated by the Eclipse RE701V single channel, RE702V two channel or RE703V six channel remote control.

## Key features and benefits

- Left, right or centre opening.
- 180 degree rotation in both directions via the remote control.
- Can be used for Vertical Blinds or Slat style Curtains.
- Quiet operation.
- Adjustable motor speed.
- Touch Control and can be drawn by hand if power is disconnected.
- Built in receiver with auto limit setting.
- The motor is installed horizontally and is hidden behind the track on the lefthand side.
- 75mm & 105mm blade spacing.
- Slow start and slow stop.



WSCMXF-AC-2.0



WSCMXF-L-DC-2.0



ALDC 16.8V charger required



includes DCB007 BATTERY PACK

## Eclipse Vertical Remote Control with slide wheel to rotate blade angle.



**RE701V**  
1 channel  
remote



**RE702V**  
2 channel  
remote



**RE703V**  
6 channel  
remote

## Specifications

| Type                          | AC      | DC       |
|-------------------------------|---------|----------|
| Rated Torque (N.m)            | 2       | 2        |
| Maximum Pulling Weight (kg)   | 50      | 50       |
| Running Speed (cm per second) | 9/12/14 | 9/12/14  |
| Nominal Voltage (V)           | 100-240 | 12       |
| Nominal Current (A)           | 0.1     | 4        |
| Running Time                  | ∞       | ∞        |
| Protection Index (IP)         | 20      | 20       |
| Total Length (mm)             | 332     | 230      |
| Maximum Turns                 | ∞       | ∞        |
| Net Weight (Kg)               | 0.77    | 0.66     |
| Relay or Switch Control       | No      | No       |
| Charger Required              | N/A     | 16.8V/1A |

Product Certificates

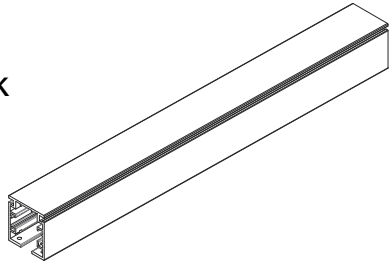


Verticals

# Vertical Track Accessories

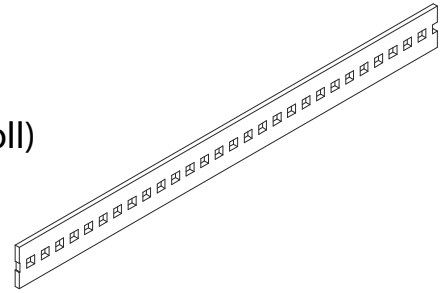
## CMVT

aluminium track  
6 metre lengths  
(6 per pack)



## CMV1

belt  
(100m roll)



## CMV2

drive pulley  
(10 sets  
per pack)



## CMV3

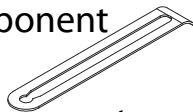
belt buckle  
(10 per pack)



CMV4 75mm spacing component  
(500 per pack)

CMV5 105mm spacing component  
(500 per pack)

CMV8 86mm spacing component  
(500 per pack)



## CMV6

passive runner  
(500 per pack)



## CMV7

active runner  
(20 per pack)



## CMV9

track joiner



## CMV11

ceiling  
mounting  
bracket  
(100 per pack)



## CMA12

face fix bracket  
(20 per pack)  
also requires  
CMV11



# Alpha-Neo App & Link Box

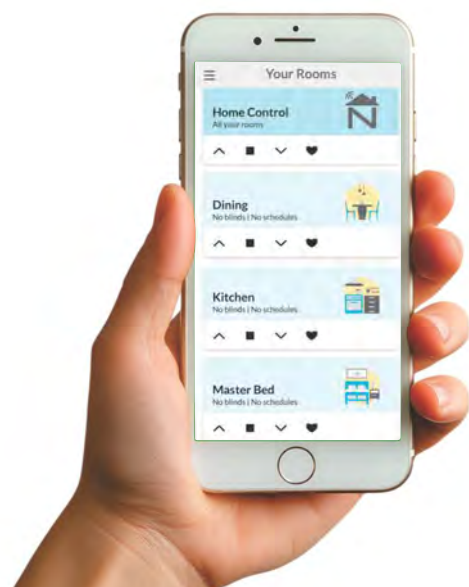
## ALPHA<sup>NEO</sup>

App integration made easy



This app is extremely versatile and easy to set up. It controls motorised products individually, or by area, or the whole house at once from anywhere in the world with an internet connection. All functionality can be scheduled to operate automatically.

Simply purchase the link box and download the free app for either Android or Apple. This app is compatible with all Alpha remote control motors. There is no limit to the number of control devices you can connect. There are 30 control groups (rooms) available and you can add up to 8 blinds per group. Additionally, you can setup up to 40 schedules to automate functionality.



## Specifications

| Type                |         |
|---------------------|---------|
| Nominal Voltage (V) | 5       |
| Nominal Current (A) | 1       |
| Frequency MHz       | 433.92  |
| Code Type           | Rolling |
| Power Requirements  | 5V DC   |
| Number of Channels  | Max 240 |
| Total Length (mm)   | 75      |
| Total Width (mm)    | 60      |
| Total Height (mm)   | 25      |

The Pioneer remotes are a sleek and practical design. Available in single or 4 channel versions without a screen, or 4, 8 or 16 channel versions with a screen, as well as a 4 channel option with timer. Incorporating soft silicone rubber edges and buttons, this is a great remote for use with external products where being a bit more bounce proof is an advantage. All Alpha remotes and receivers are inter-compatible.

## Single Channel



### RE101

#### Specifications

|                 |          |
|-----------------|----------|
| <b>Channels</b> | <b>1</b> |
| Frequency (MHz) | 433.92   |
| Codes           | Rolling  |
| Wall Mount      | Yes      |
| Battery Type    | CR2032   |

## 4 Channel



### RE102

#### Specifications

|                 |          |
|-----------------|----------|
| <b>Channels</b> | <b>4</b> |
| Frequency (MHz) | 433.92   |
| Codes           | Rolling  |
| Wall Mount      | Yes      |
| Battery Type    | CR2032   |

With the 4, 8 & 16 channel remotes you can control 4, 8 or 16 different motors or receivers separately or any group among them.

The RE103-4T is a 4 channel timer remote which can set up 8 different open/close times and also select days of the week.



### RE103

#### Specifications

|                 |                     |
|-----------------|---------------------|
| <b>Channels</b> | <b>4, 8, 16, 4T</b> |
| Frequency (MHz) | 433.92              |
| Codes           | Rolling             |
| Wall Mount      | Yes                 |
| Battery Type    | CR2032              |

## Keyring Remote



### RE110

#### Specifications

|                 |          |
|-----------------|----------|
| <b>Channels</b> | <b>1</b> |
| Frequency (MHz) | 433.92   |
| Codes           | Rolling  |
| Battery Type    | CR2032   |

# Remote Controls

# NAVIGATOR

The Navigator series has an elegant and simple design featuring stainless steel edge trim and a near invisible magnetic wall mount. The stainless finish is much more than simply a trim on the edge. It's actually a solid steel chassis to which the front and back panels are attached. This gives the remote a great deal of structural strength, but additionally adds a significant feel of weight and quality in the hand that customers often notice. Available in single and 5 channel without screens, and 4, 8 and 16 channel with screens as well as single and 4 channel options with timers.



## RE301

### Specifications

|                     |          |
|---------------------|----------|
| <b>Channels</b>     | <b>1</b> |
| Frequency (MHz)     | 433.92   |
| Codes               | Rolling  |
| Magnetic Wall Mount | Yes      |
| Battery Type        | CR2032   |



## RE302

### Specifications

|                     |          |
|---------------------|----------|
| <b>Channels</b>     | <b>5</b> |
| Frequency (MHz)     | 433.92   |
| Codes               | Rolling  |
| Magnetic Wall Mount | Yes      |
| Battery Type        | CR2032   |



## RE303

### Specifications

|                     |                            |
|---------------------|----------------------------|
| <b>Channels</b>     | <b>4, 8, 16<br/>1T, 4T</b> |
| Frequency (MHz)     | 433.92                     |
| Codes               | Rolling                    |
| Magnetic Wall Mount | Yes                        |
| Battery Type        | CR2032                     |

With the 4, 8 & 16 channel remotes you can control 4, 8 or 16 different motors or receivers separately or any group among them.

The 1T & 4T are single and 4 channel remotes, either of which can set up 8 different open/close times and also select days of the week.

# Remote Controls

# NAVIGATOR



## RE301-LED

The RE301-LED controls the WSER50-50/13 LED Cassette Awning motors. This remote has on/off and dimming function for the LED's.



### Specifications

|                     |          |
|---------------------|----------|
| <b>Channels</b>     | <b>1</b> |
| Frequency (MHz)     | 433.92   |
| Codes               | Rolling  |
| Magnetic Wall Mount | Yes      |
| Battery Type        | CR2032   |

## RE306A

The RE306A is 2 channel remote with separate button sets for each channel for super simplicity.



### Specifications

|                     |          |
|---------------------|----------|
| <b>Channels</b>     | <b>2</b> |
| Frequency (MHz)     | 433.92   |
| Codes               | Rolling  |
| Magnetic Wall Mount | Yes      |
| Battery Type        | CR2032   |

## RE301-i

The RE301-I is a single channel remote, but with the clever function of being able to select 25%, 50% and 75% positions between the set limits. This function works with all Alpha WSER and WSERD series motors.



### Specifications

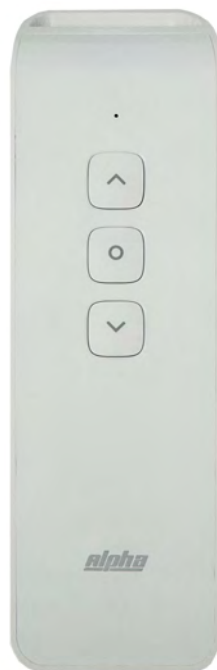
|                     |          |
|---------------------|----------|
| <b>Channels</b>     | <b>1</b> |
| Frequency (MHz)     | 433.92   |
| Codes               | Rolling  |
| Magnetic Wall Mount | Yes      |
| Battery Type        | CR2032   |

Introducing Alpha's Explorer range of remote controls.

Available in a single channel and a 16 channel version.

Unused channels can be deleted from the 16 channel version.

Single Channel



## XE1101

### Specifications

|                 |          |
|-----------------|----------|
| <b>Channels</b> | <b>1</b> |
| Frequency (MHz) | 433.92   |
| Codes           | Rolling  |
| Wall Mount      | Yes      |
| Battery Type    | 2xAAA    |

16 Channel



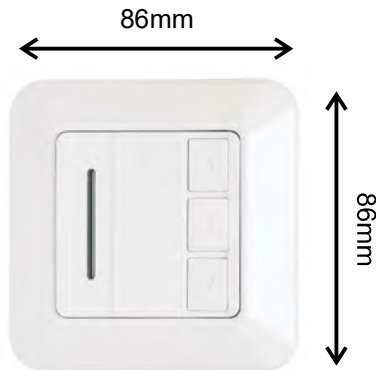
## XE1103

### Specifications

|                 |           |
|-----------------|-----------|
| <b>Channels</b> | <b>16</b> |
| Frequency (MHz) | 433.92    |
| Codes           | Rolling   |
| Wall Mount      | Yes       |
| Battery Type    | 2xAAA     |

# Wall Mount Remote Controls

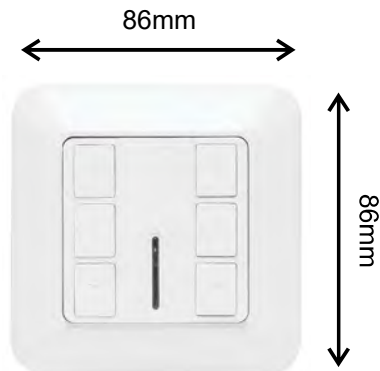
RE201



## Specifications

| Channels        | 1       |
|-----------------|---------|
| Frequency (MHz) | 433.92  |
| Codes           | Rolling |
| Wall Mount      | Yes     |
| Battery Type    | CR2032  |

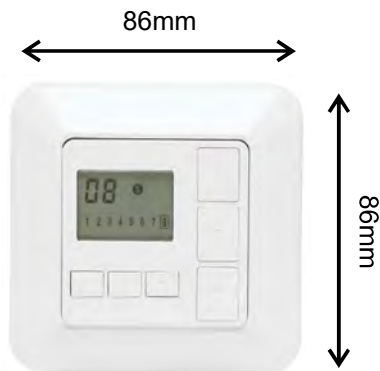
RE202



## Specifications

| Channels        | 2       |
|-----------------|---------|
| Frequency (MHz) | 433.92  |
| Codes           | Rolling |
| Wall Mount      | Yes     |
| Battery Type    | CR2032  |

RE203-8C

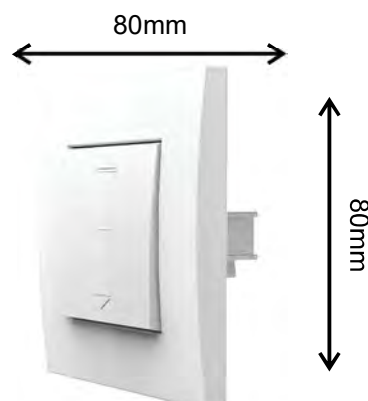


## Specifications

| Channels        | 8       |
|-----------------|---------|
| Frequency (MHz) | 433.92  |
| Codes           | Rolling |
| Wall Mount      | Yes     |
| Battery Type    | CR2032  |

A3623

**Hard Wired  
Wall Switch**



Mechanical locking paddle  
switch for WSEC & WSS  
Series motors

# Wall Mount Remote Controls VOYAGER

The Voyager Remote Series are a new addition to the Alpha controller range. These wall mounted remotes are available in single channel, 2 channel and 5 channel variants. They come fully equipped with a wall mounted bracket.



## XE401

### Specifications

|                     |          |
|---------------------|----------|
| <b>Channels</b>     | <b>1</b> |
| Frequency (MHz)     | 433.92   |
| Codes               | Rolling  |
| Magnetic Wall Mount | Yes      |
| Battery Type        | CR2032   |
| Size                | 85x85mm  |



## XE402

### Specifications

|                     |          |
|---------------------|----------|
| <b>Channels</b>     | <b>2</b> |
| Frequency (MHz)     | 433.92   |
| Codes               | Rolling  |
| Magnetic Wall Mount | Yes      |
| Battery Type        | CR2032   |
| Size                | 85x85mm  |



## XE403

### Specifications

|                     |          |
|---------------------|----------|
| <b>Channels</b>     | <b>5</b> |
| Frequency (MHz)     | 433.92   |
| Codes               | Rolling  |
| Magnetic Wall Mount | Yes      |
| Battery Type        | CR2032   |
| Size                | 85x85mm  |

# Receivers

## RC201 (MZ01 optional back box)

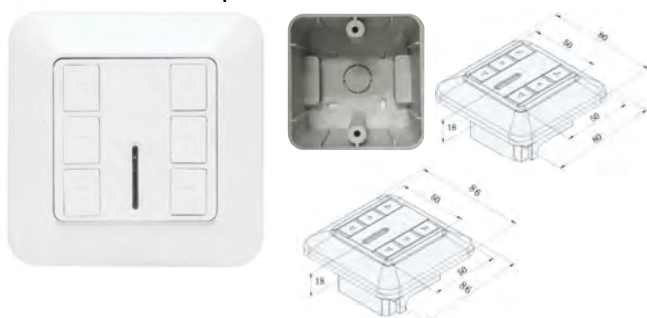


### Specifications

|                           |               |
|---------------------------|---------------|
| <b>Connect with motor</b> | <b>1 unit</b> |
| Frequency (MHz)           | 433.92        |
| Codes                     | Rolling       |
| Receiver Power            | 400W          |
| Voltage                   | 230V 50Hz     |

Able to operate with a maximum of 15 remotes

## RC202 (MZ01 optional back box)



### Specifications

|                           |                |
|---------------------------|----------------|
| <b>Connect with motor</b> | <b>2 units</b> |
| Frequency (MHz)           | 433.92         |
| Codes                     | Rolling        |
| Receiver Power            | 600W           |
| Voltage                   | 230V 50Hz      |

Able to operate with a maximum of 15 remotes

## RC001



Receiver for 60mm motors. Control buttons on side for up, down and stop.

### Specifications

|                           |               |
|---------------------------|---------------|
| <b>Connect with motor</b> | <b>1 unit</b> |
| Frequency (MHz)           | 433.92        |
| Codes                     | Rolling       |
| Receiver Power            | 800W          |
| Voltage                   | 230V 50Hz     |

Able to operate with a maximum of 15 remotes

## RC006



### Specifications

|                           |               |
|---------------------------|---------------|
| <b>Connect with motor</b> | <b>1 unit</b> |
| Frequency (MHz)           | 433.92        |
| Codes                     | Rolling       |
| Receiver Power            | 400W          |
| Voltage                   | 230V 50Hz     |

Able to operate with a maximum of 15 remotes

## RC008



### Specifications

|                           |               |
|---------------------------|---------------|
| <b>Connect with motor</b> | <b>1 unit</b> |
| Frequency (MHz)           | 433.92        |
| Codes                     | Rolling       |
| Receiver Power            | 400W          |
| Voltage                   | 230V 50Hz     |

Able to operate with a maximum of 15 remotes



This device is a single channel remote control that plugs into a power point for permanent power and is controlled by connecting the device to relays in a control system or other switches. There are 4 wires connecting this item: common, up, stop and down. When the common wire comes into contact with any of the control wires, the function for that wire will be sent out to any WSER series motors or remote receivers this device is assigned to.

This device allows remote control Alpha motors to be operated by a huge variety of building management systems, automation equipment, press buttons or key turn switches as well as a remote control. This device is not practical for use in setting up the motors it will control. This must be done with a standard remote and the RE-DCE can be assigned to the motor separately for additional control options.

When planning your job with this item, only allow for connection to relays or switches that make contact as long as a button or switch is pressed and release automatically afterwards. Do not use rotary switches or switches that lock into position as the item will continue to send out the signal for as long as contact is made. This could produce unwanted results.

## RE-DCE Specifications

|                 |           |
|-----------------|-----------|
| <b>Channels</b> | <b>1</b>  |
| Frequency (MHz) | 433.92    |
| Codes           | Rolling   |
| Wall Mount      | Yes       |
| Voltage         | 240V 50Hz |

Product Certificates



# Motion Sensors

Safety device for  
cassette and folding arm  
awnings

*Available in black or white*



This item attaches to the front channel of a folding Arm Awning/Cassette at either end. It measures the angle of the front bar and the amount of movement created by wind. When the sensitivity setting is reached, it sends a signal to the awning to close.

When used with a Universal or Cassette Awning motor, it will send a pulse to the motor a few times an hour telling the motor it's there and working. If the motor stops detecting this pulse due to flat batteries or failure, it will automatically retract the awning after about half an hour to both protect the awning and to alert the owner that the motion sensor is not working. Once the pulse is restored (usually by installing new batteries) normal operation will resume.



Although this item will control a Universal motor, the Universal motor does not have the extra protective functions mentioned above if the item stops sending the pulse. The motion sensor is a more reliable method of protection than the Sun/Wind sensors as it responds to actual physical movement of the front bar and not the wind speed detected by a device mounted nearby.

This unit has 9 pre-determined sensitivity settings.

**Cannot be used in conjunction with Sun/Wind Sensors.**

**S005W** (white)  
**S005B** (black)

## Specifications

|                  |         |
|------------------|---------|
| Frequency (MHz)  | 433.92  |
| Codes            | Rolling |
| Protection Index | IP44    |
| Battery Type     | 2xAAA   |

Product Certificates



# Sun & Wind Sensors

This devices cannot  
be used in conjunction  
with Motion Sensors

- Programmable with 5 wind speed and 9 light intensity settings.
- Sun sensor can be disabled if required.
- For use with WSER Series motors.

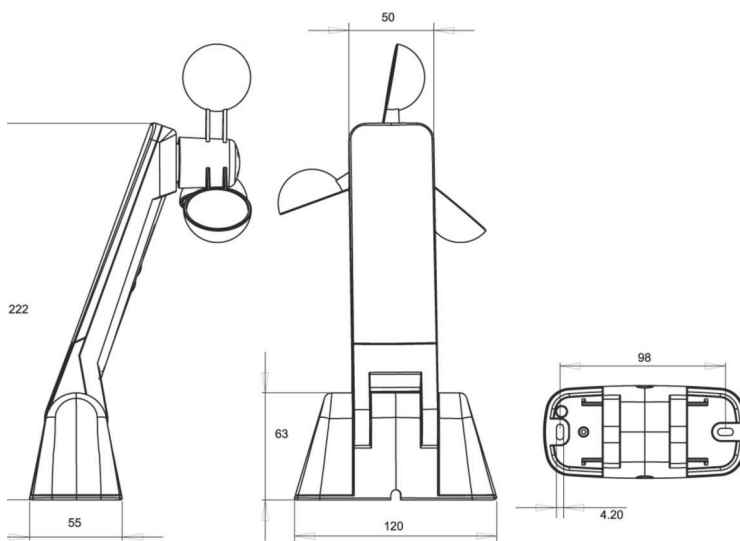
## S001

### Specifications

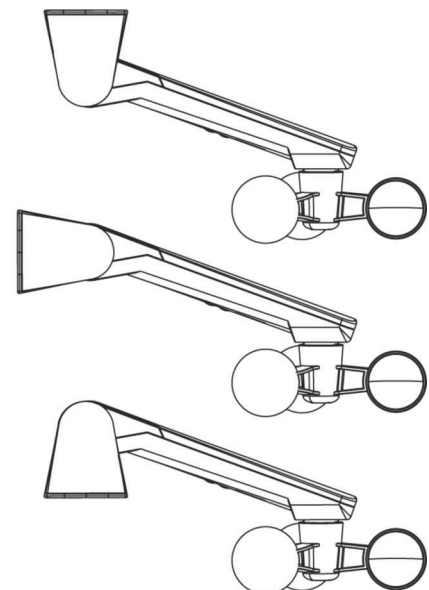
|                  |                                    |
|------------------|------------------------------------|
| Frequency (MHz)  | 433.92                             |
| Codes            | Rolling                            |
| Protection Index | IP44                               |
| Display          | LED                                |
| Power            | Solar Panel & Rechargeable Battery |



### Dimension Drawing



### Installation Drawing



# Accessories



***alpha***  
**TUBULAR MOTORS PTY LTD**  
***MOTORISATION MADE EASY***

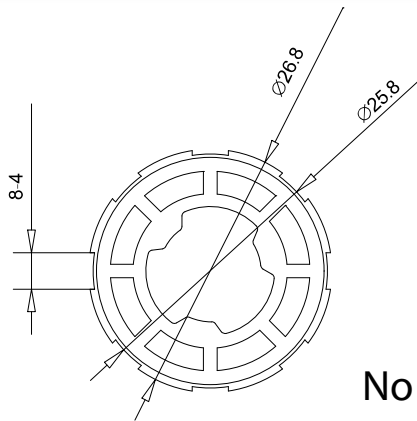
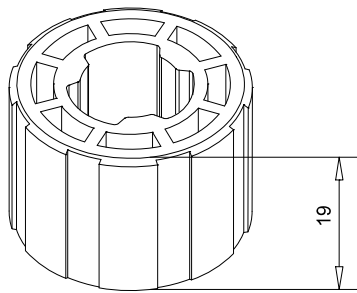
# Crown & Drive Adapters

More to come!

We are always adding new crowns and drives to our range.

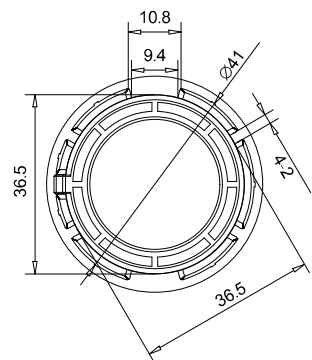
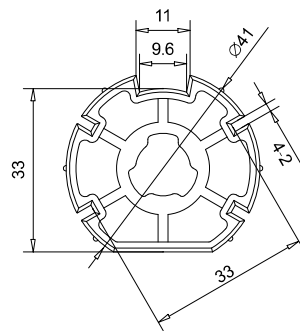
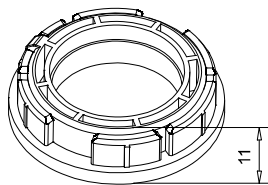
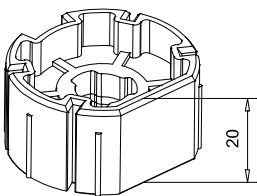
If you don't currently see a suitable fitting for your tube please contact our team [sales@alphamotors.com.au](mailto:sales@alphamotors.com.au) to find out if there is a suitable variant available.

## A2201

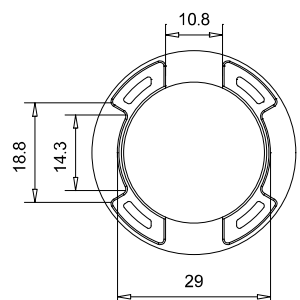
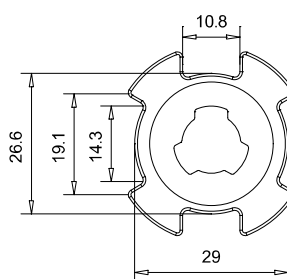
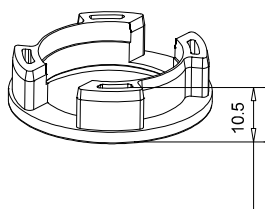
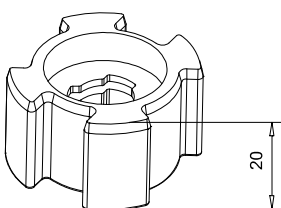


No crown required

## A2202

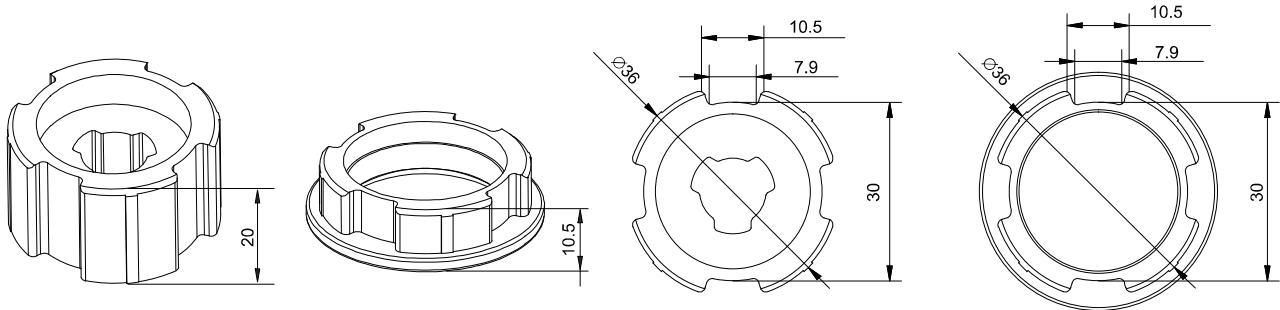


## A2203

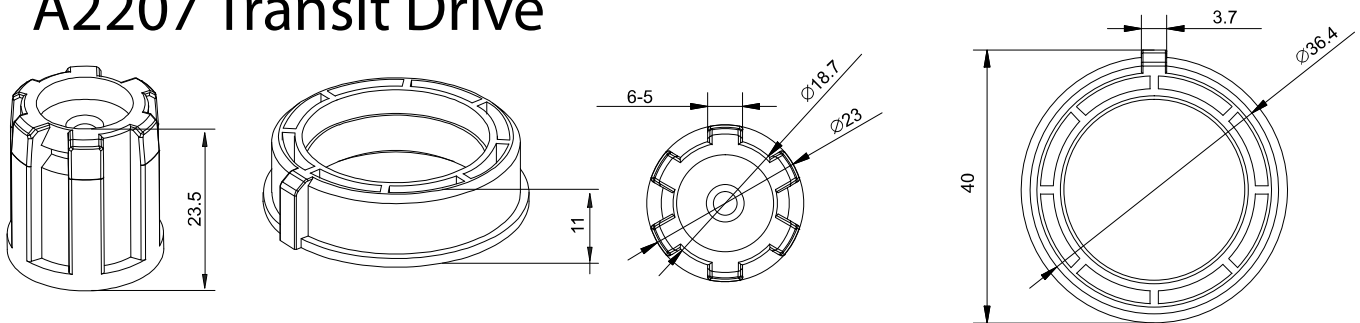


# Crown & Drive Adapters

## A2206

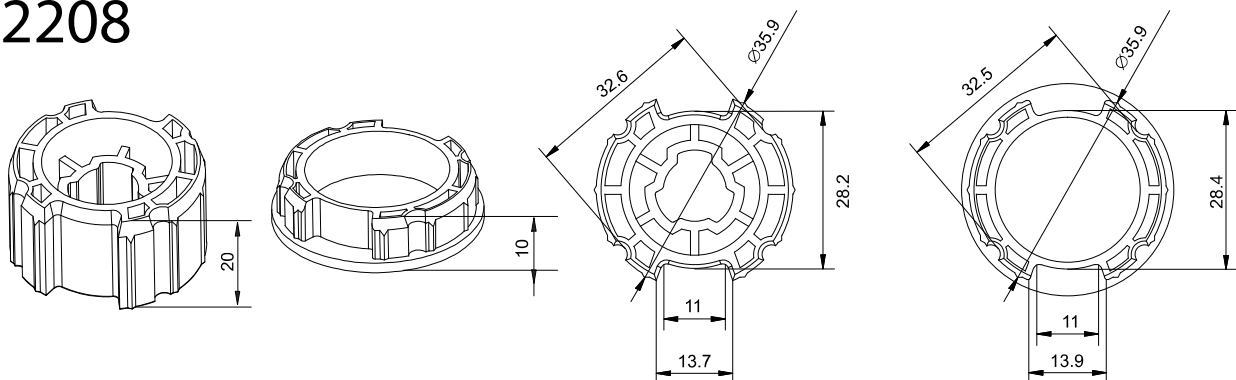


## A2207 Transit Drive

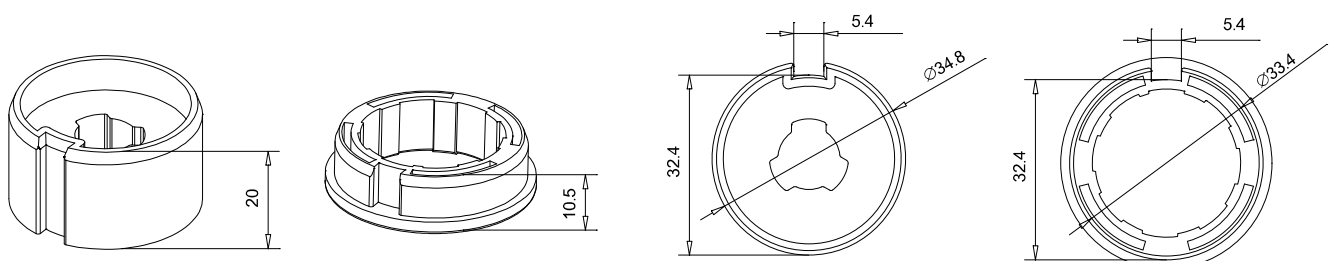


These are adaptors to allow connection of our 35mm motor fittings onto a 25mm motor.

## A2208

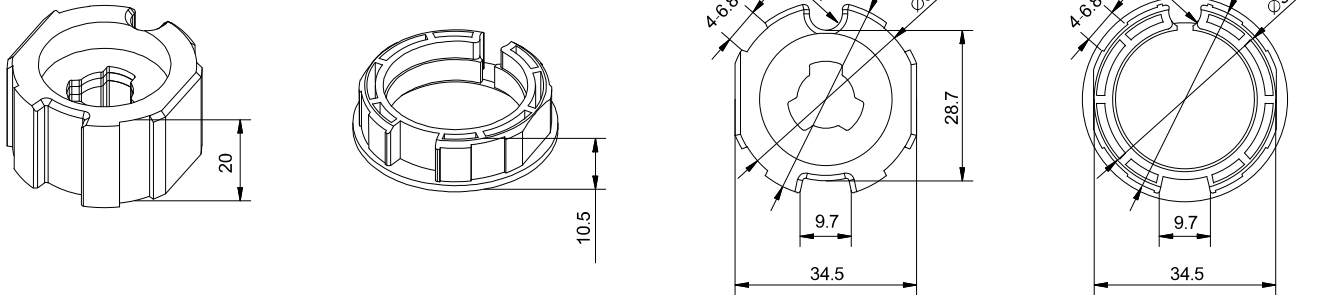


## A2204

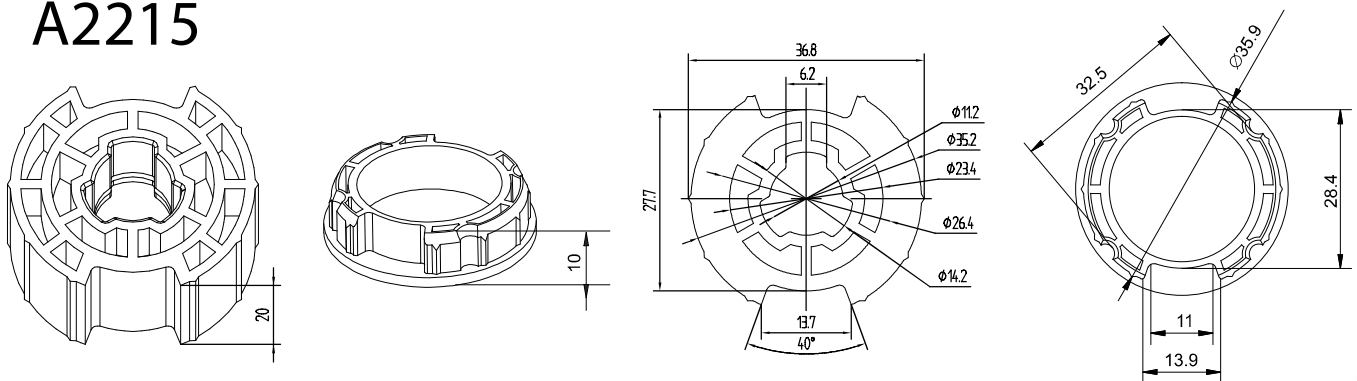


# Crown & Drive Adapters

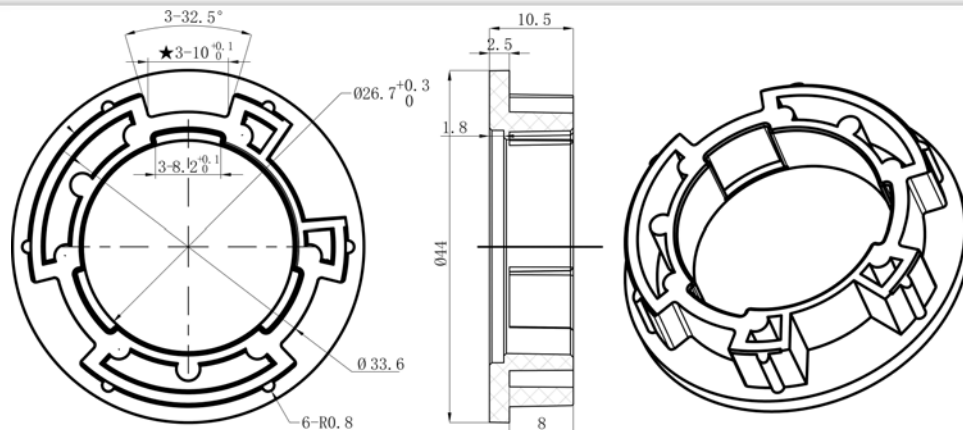
## A2214



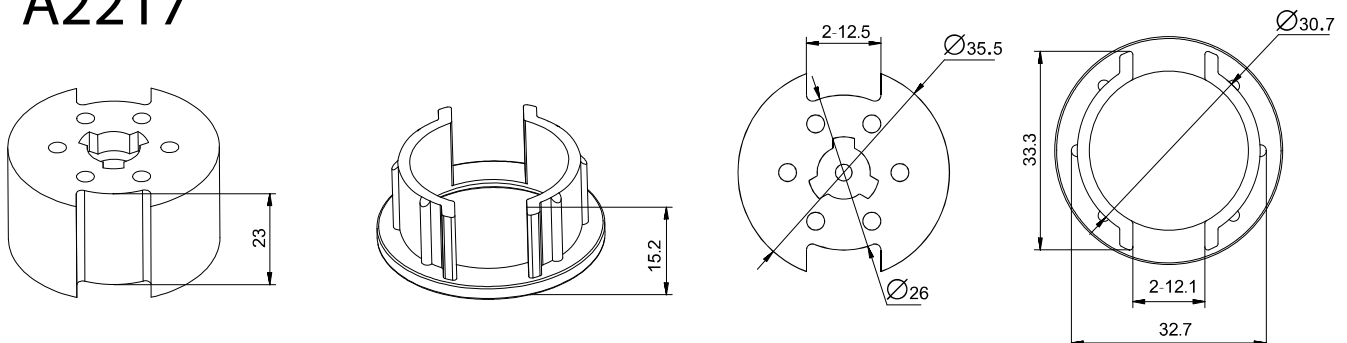
## A2215



## A2216

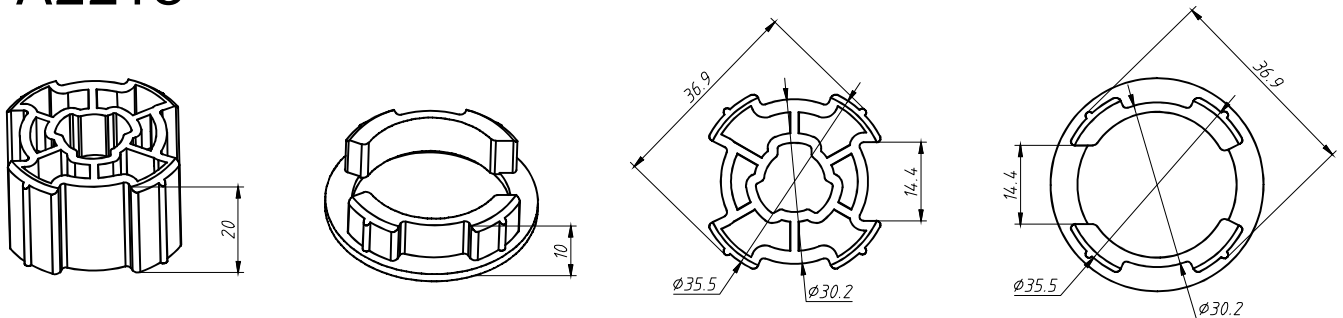


## A2217

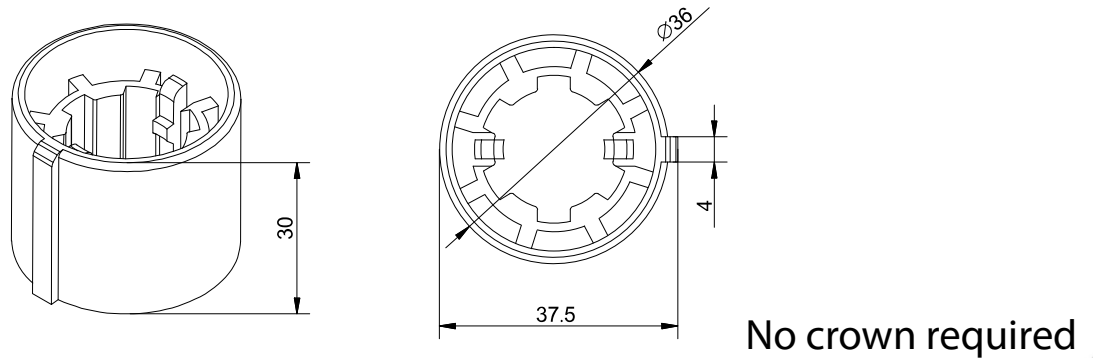


# Crown & Drive Adapters

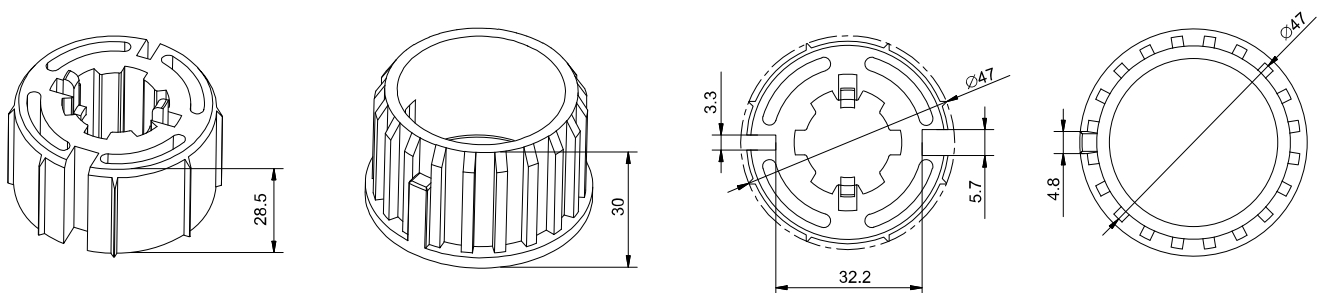
## A2218



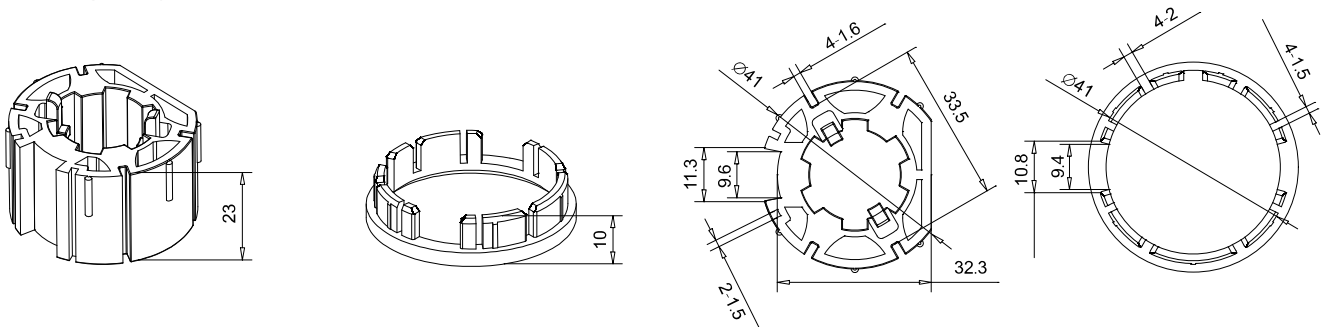
## A2305



## A2307

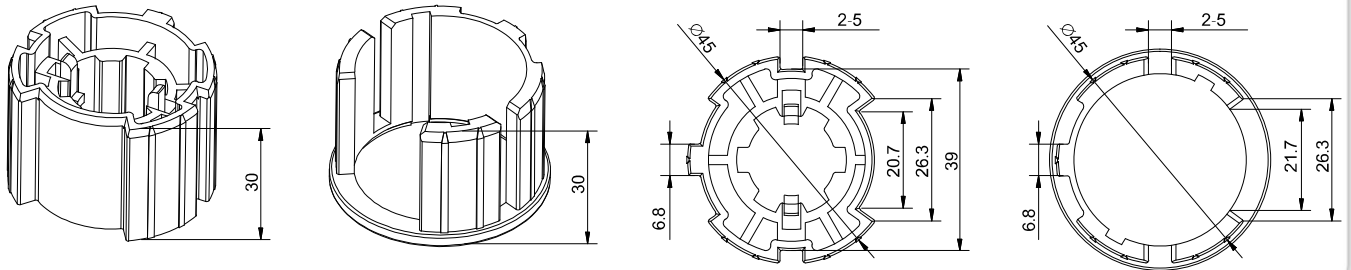


## A2310

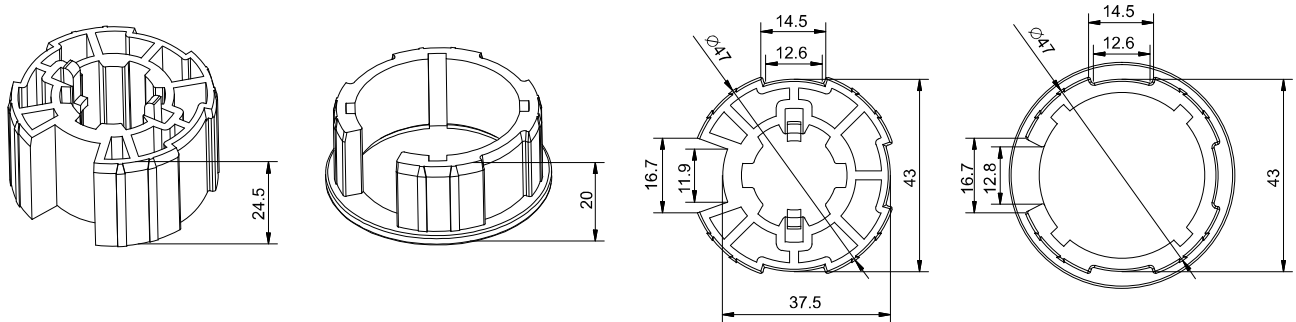


# Crown & Drive Adapters

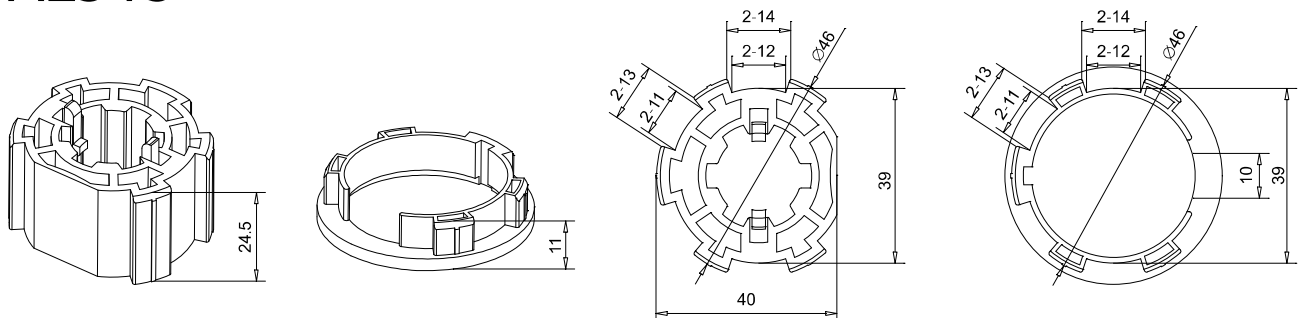
## A2313



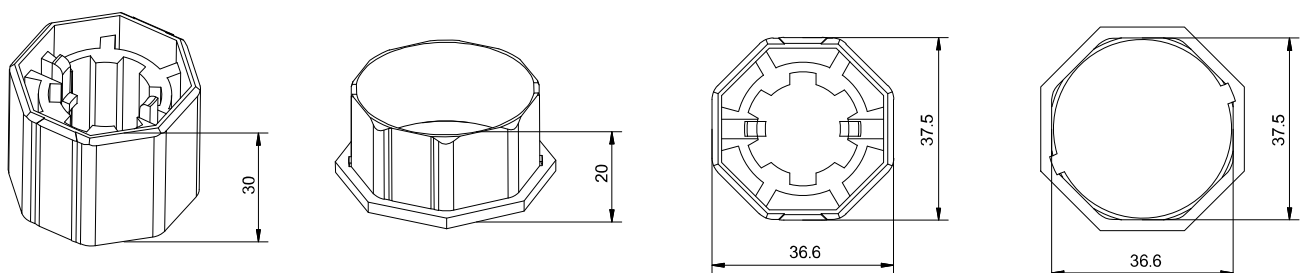
## A2314



## A2315

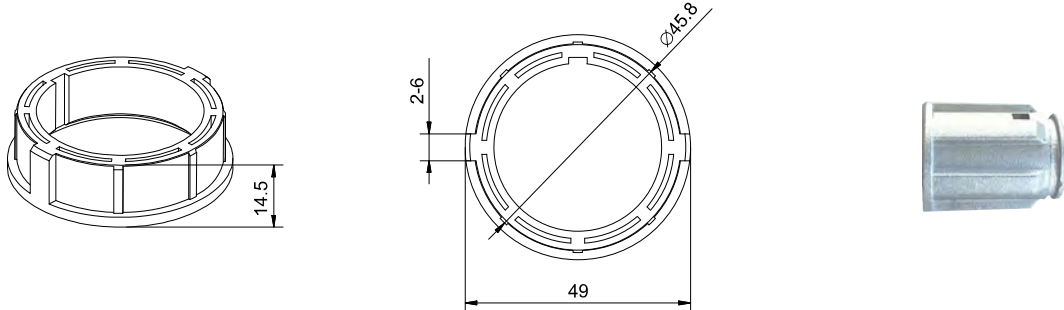


## A2320

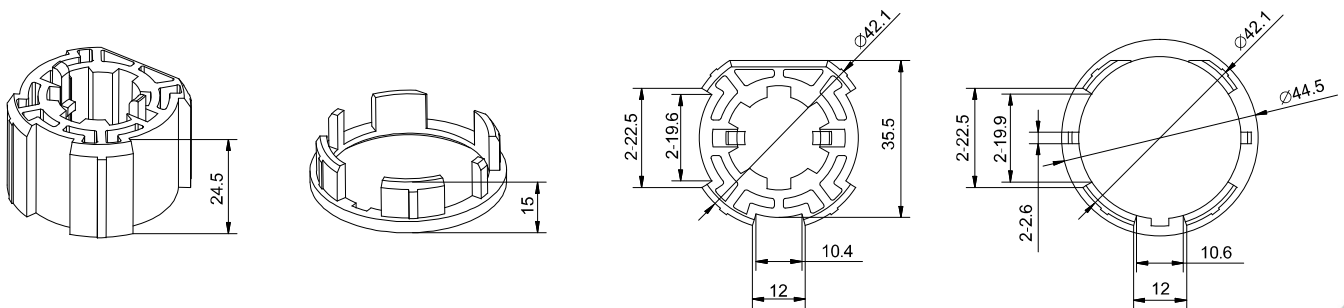


# Crown & Drive Adapters

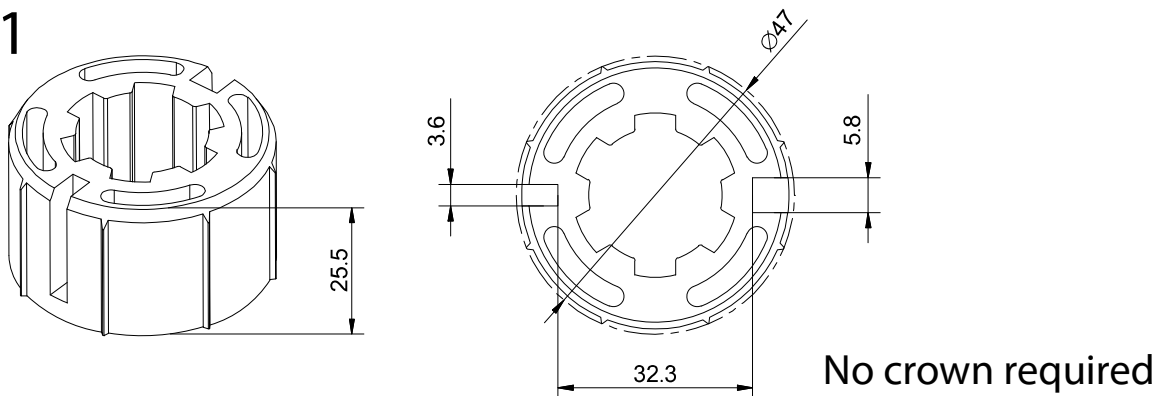
## A2324 and Aluminum transit drive



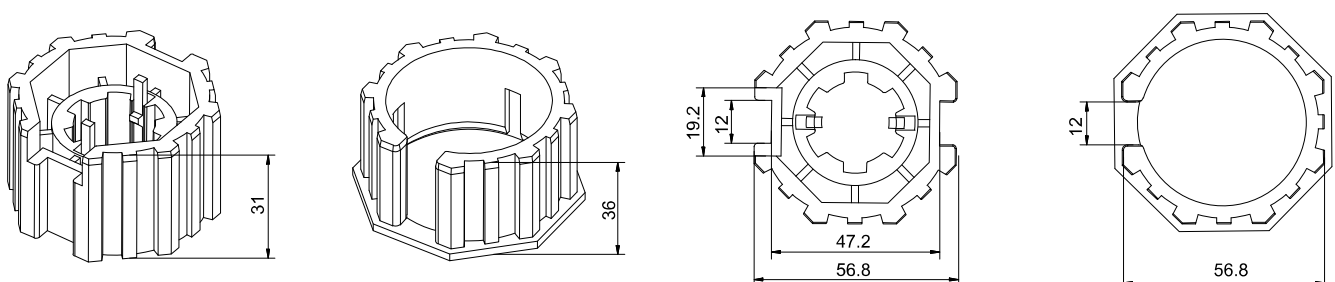
## A2334



## A2401

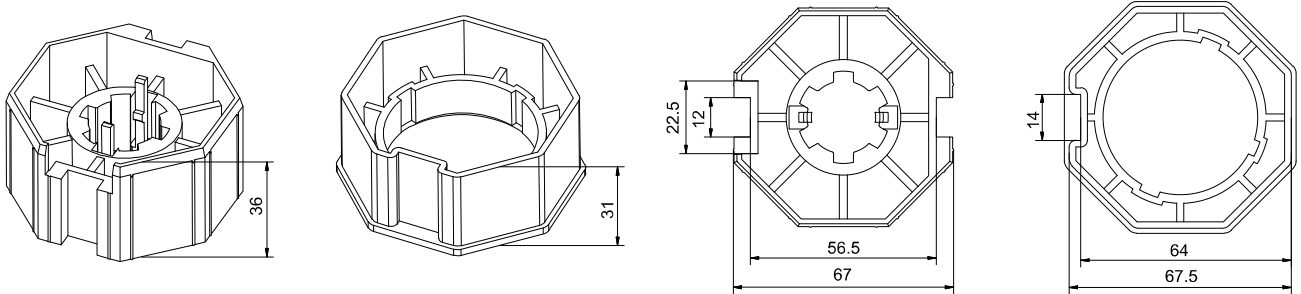


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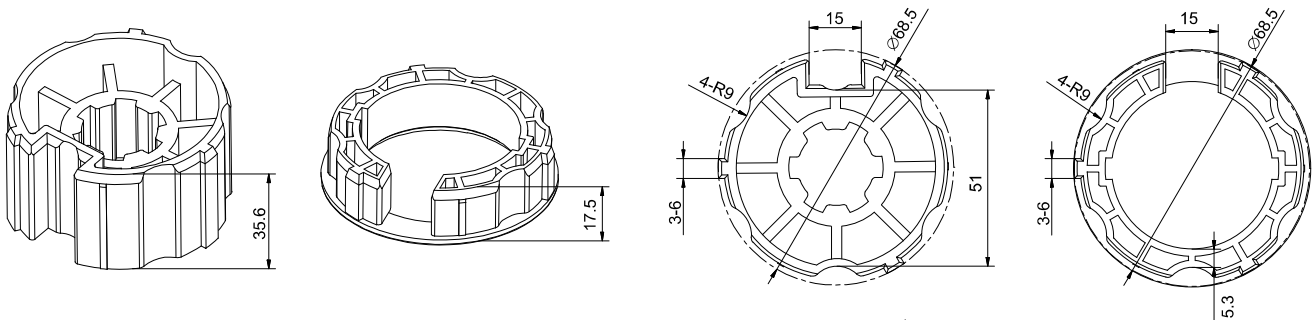


# Crown & Drive Adapters

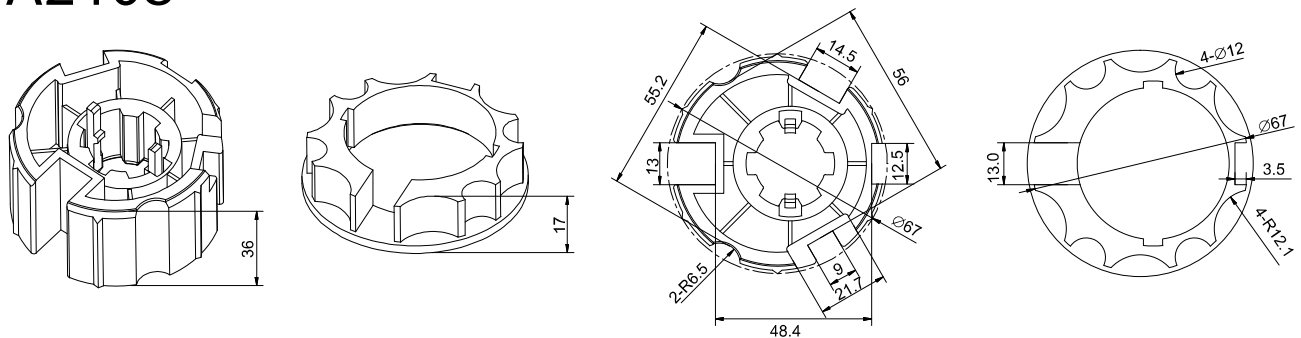
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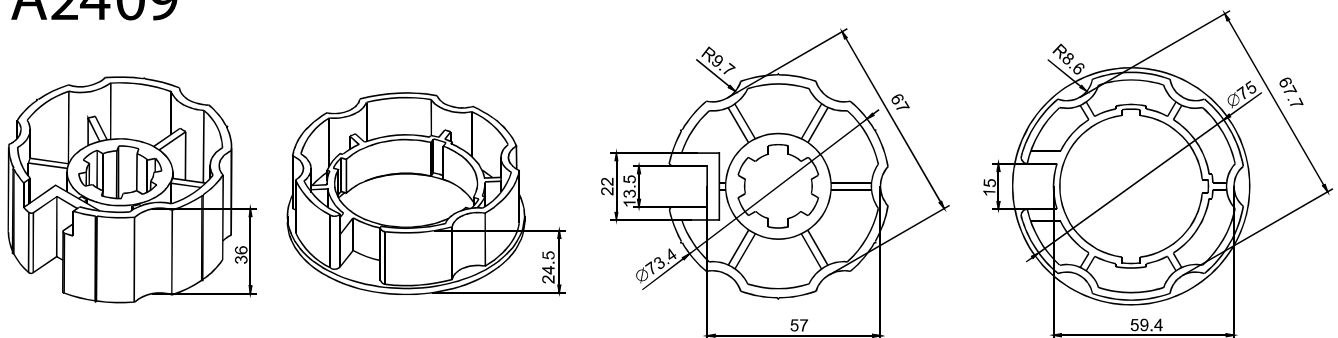
## A2407



## A2408

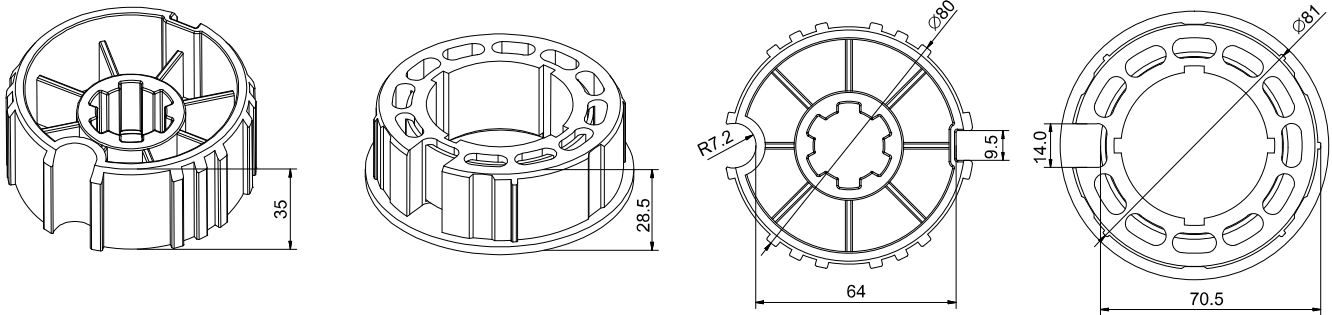


## A2409

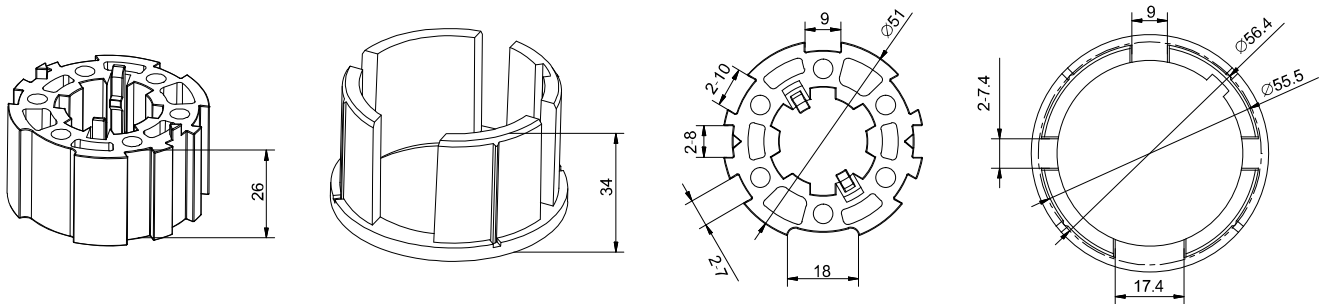


# Crown & Drive Adapters

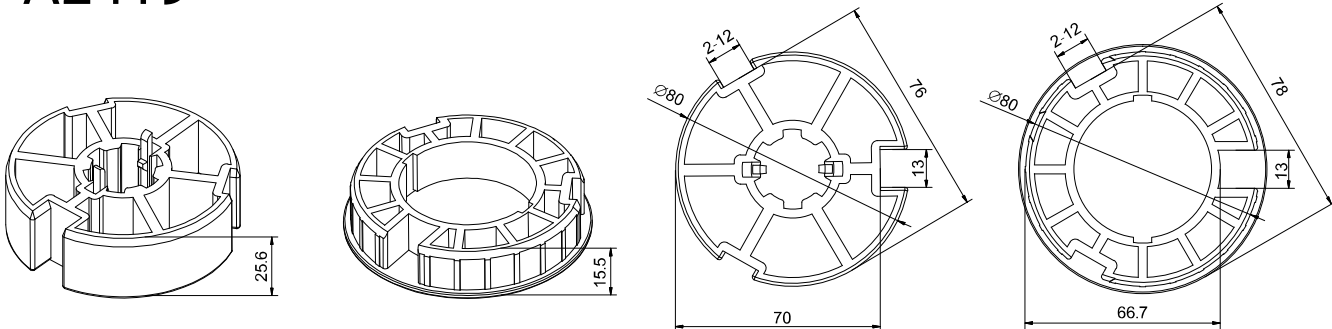
## A2410



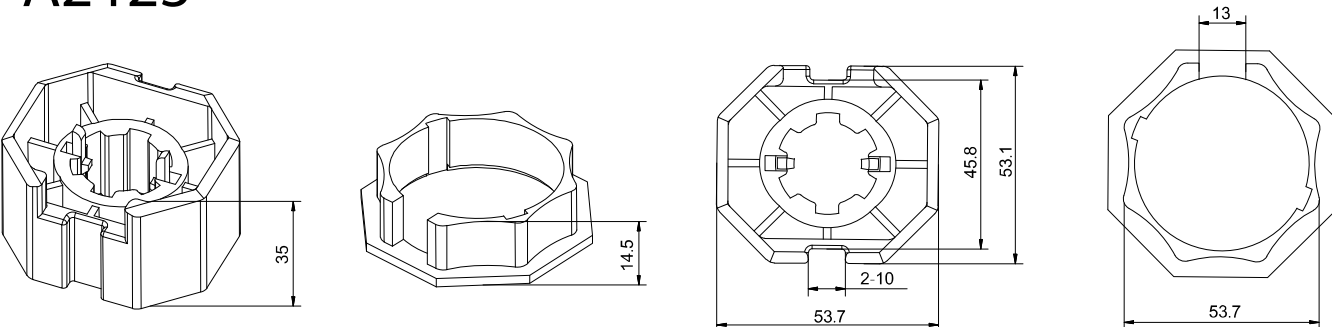
## A2415



## A2419

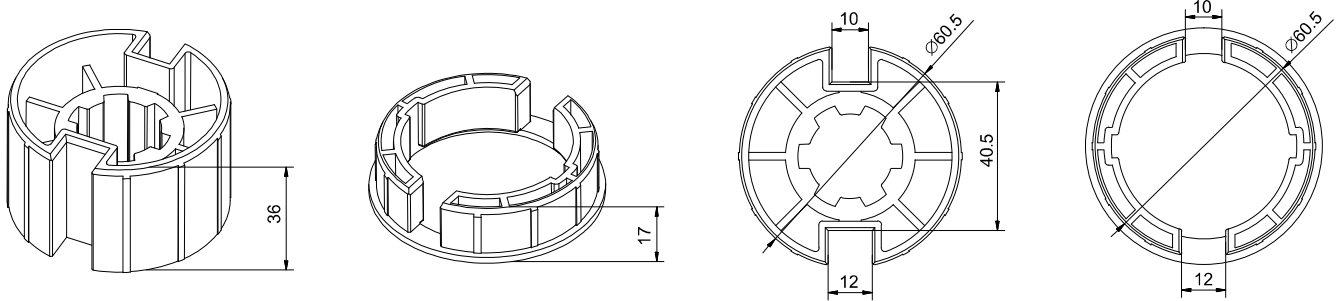


## A2423

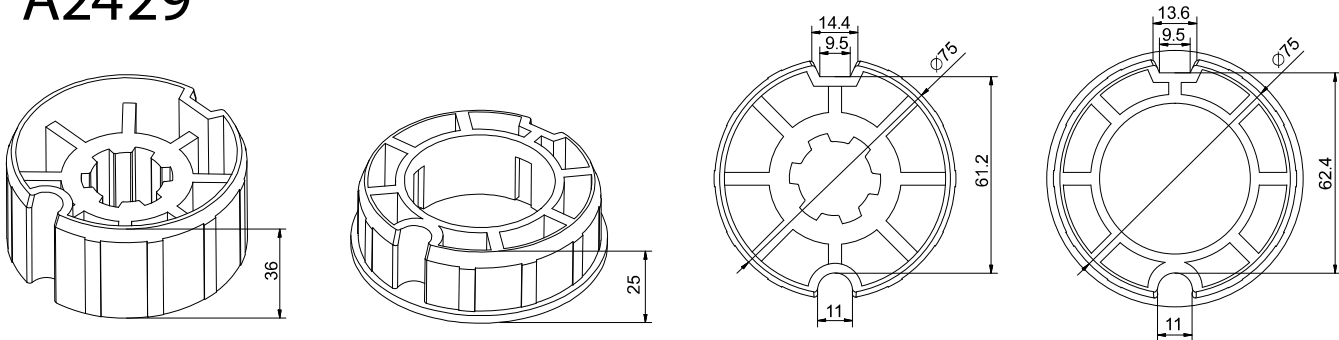


# Crown & Drive Adapters

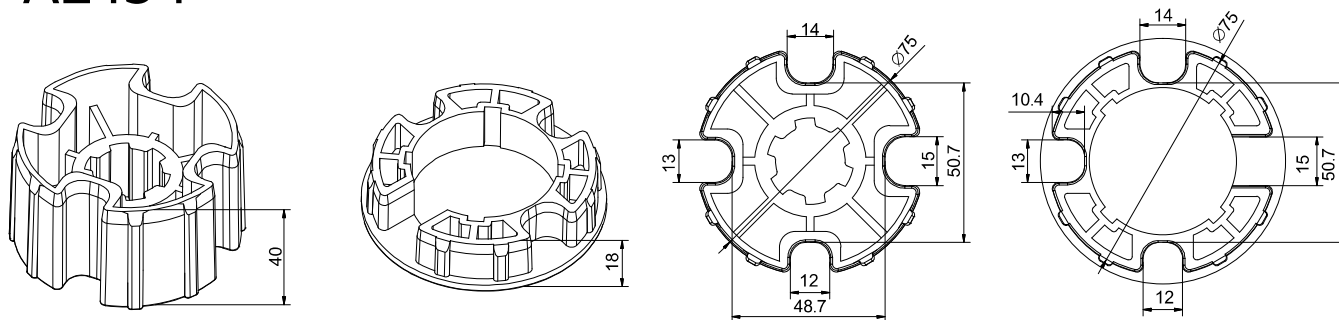
## A2424



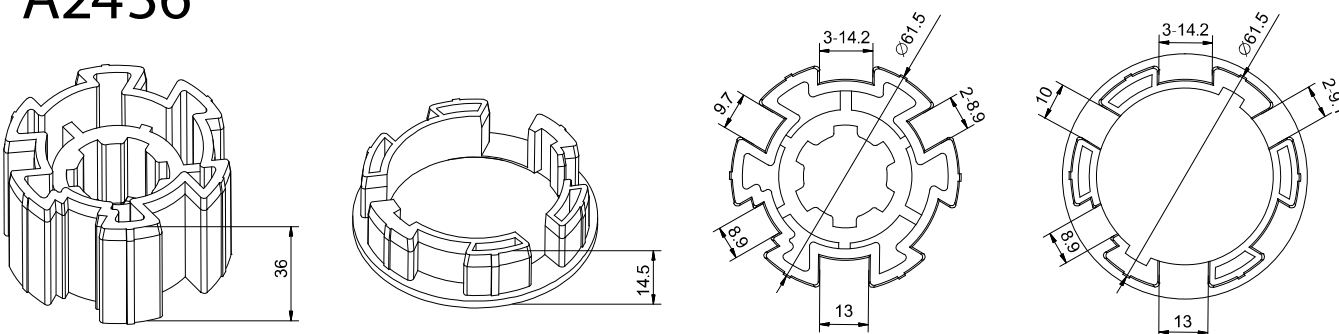
## A2429



## A2434

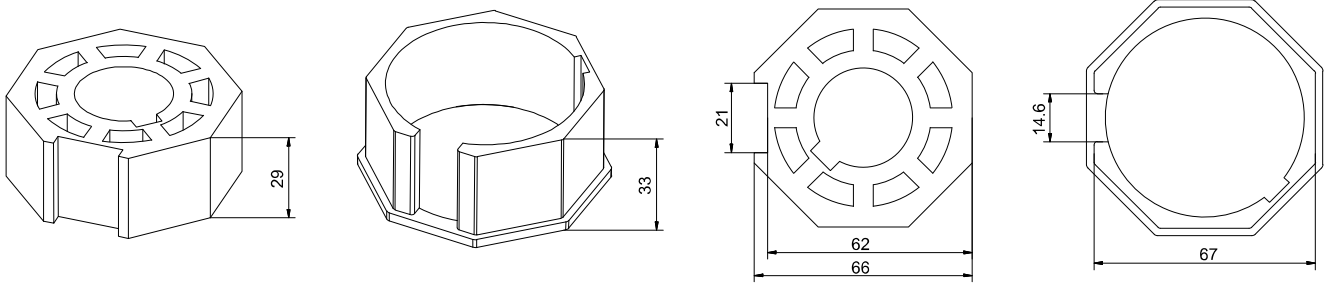


## A2436

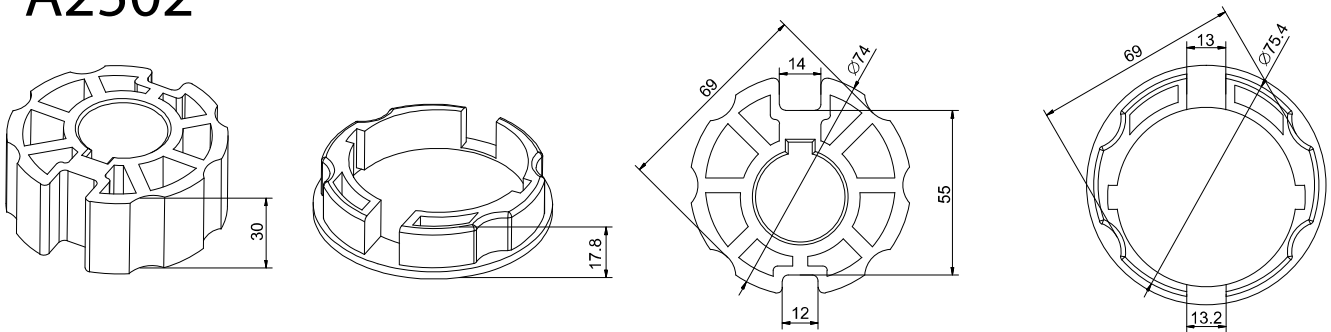


# Crown & Drive Adapters

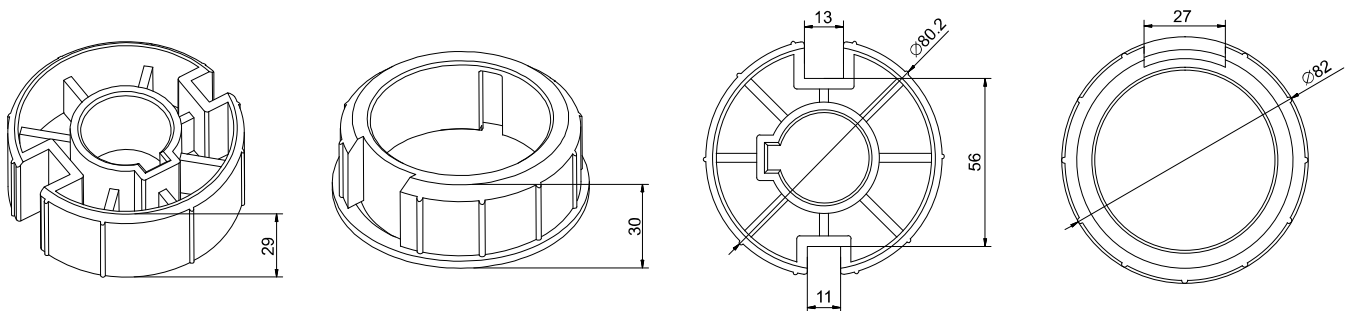
## A2501



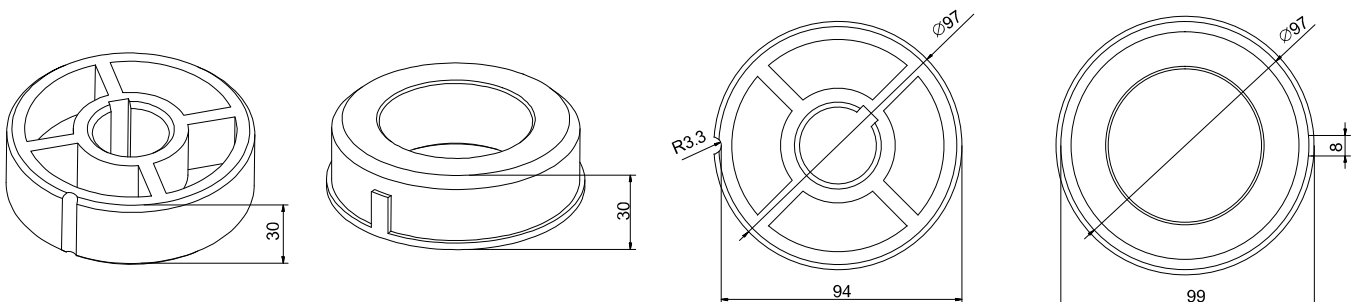
## A2502



## A2503



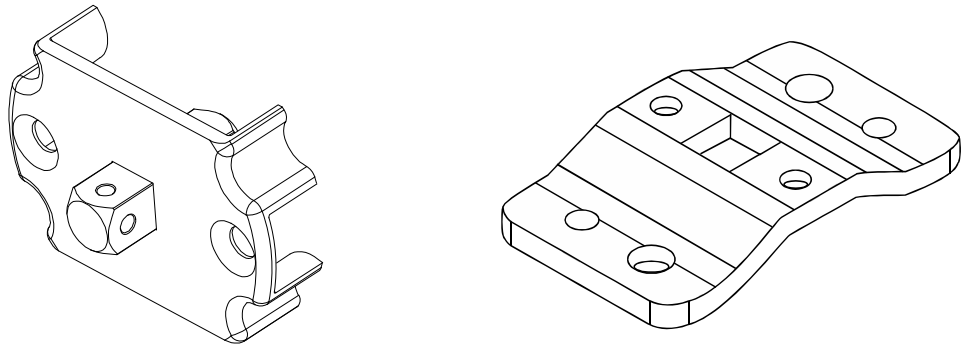
## A2505



# Brackets

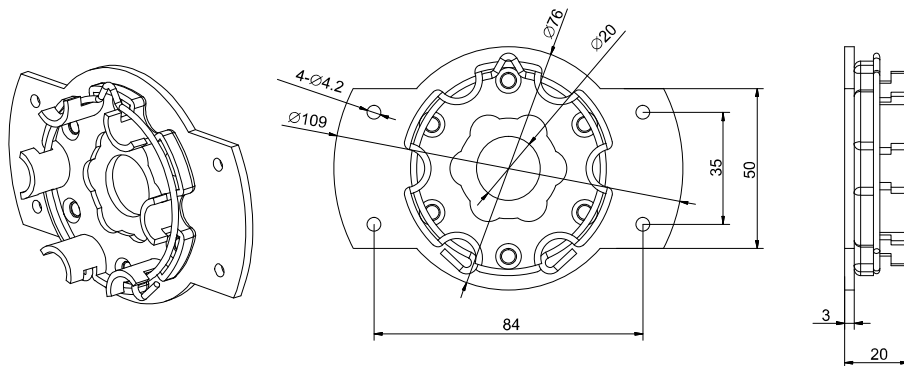
The brackets on this page are for the WSER50 30/17 OD and the WSER50-50/13 LED Cassette Awning motors only.

## A3438



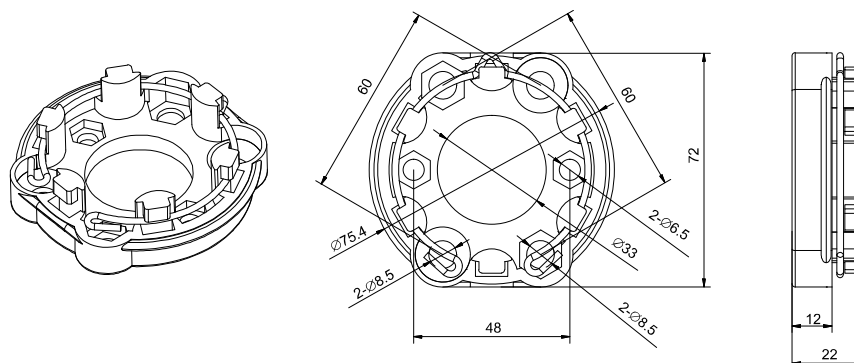
Motor bracket and mounting plate for star head motor only.

## A3439



Quick release mounting plate to secure star head motor.

## A3440



Quick release mounting plate to secure star head motor.

Standard on all 40mm motors

Fast Plug Adapter locks motor head into place

## Westral motor plate

Block and Pin style bracket  
Available galvanised or in stainless steel

Jai 40mm motor plate

## Blindware 40mm motor plate

Jai 50mm motor plate

# Cables & Manual Override

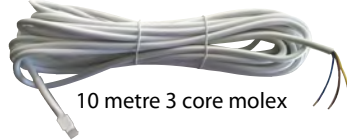
## Molex Cables

AM3CM



3 metre 3 core cable

10M3CM



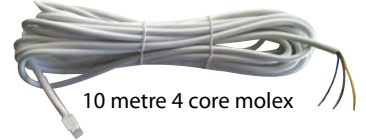
10 metre 3 core molex

AM4CM



3 metre 4 core cable

10M4CM



10 metre 4 core molex

## Extension Cables for DC Motors

EXT USB-C 20cm



EXT USB-C 3m



USB-C CP 150mm



USB-C CP 1.5m



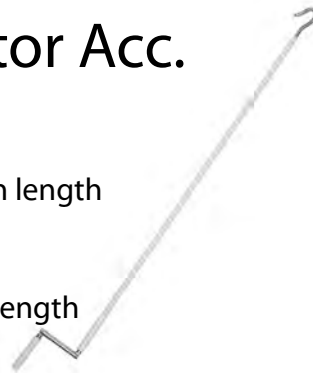
## Manual Override Motor Acc.

### A3018 Crank Handle

For manual override motors, and is 1.2m in length

### A3018-3 Crank Handle

For manual override motors, and is 3m in length



A3047

### Eyelet

Optional 300mm length motor comes supplied with 100mm version



30cm Patch Lead  
for RC008 receiver

# Limit Setting Device & Test Lead

## WSB01 Limit Setting Device



This device is for setting the limits on WSEC series motors.

All buttons are spring loaded so use as a method of powering other motors temporarily while programming is impractical.

## WSB12 Test Lead



This item allows you run 4 core WSS series motors in either direction while you set limits. Alternatively you can use it as a temporary means of powering up 3 core remote control motors while you set limits. Switch is locking so it does not need to be held down.

# Folding Arm Motor Guide

The RED **80+Nm** listings in the 70mm tube section below indicates that this motor is incompatible with a 70mm tube, due to its physical size.

## 70MM TUBE

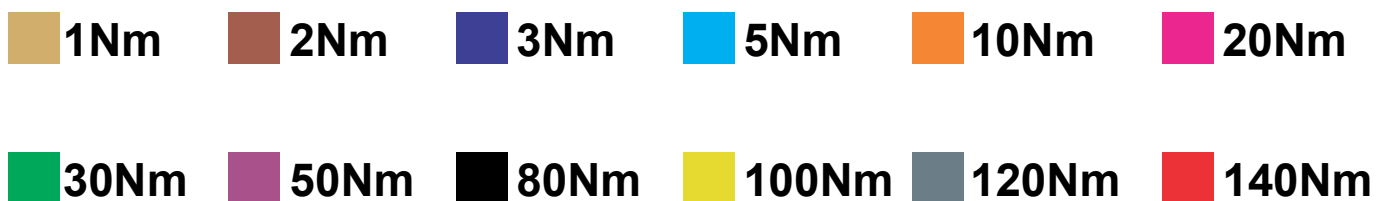
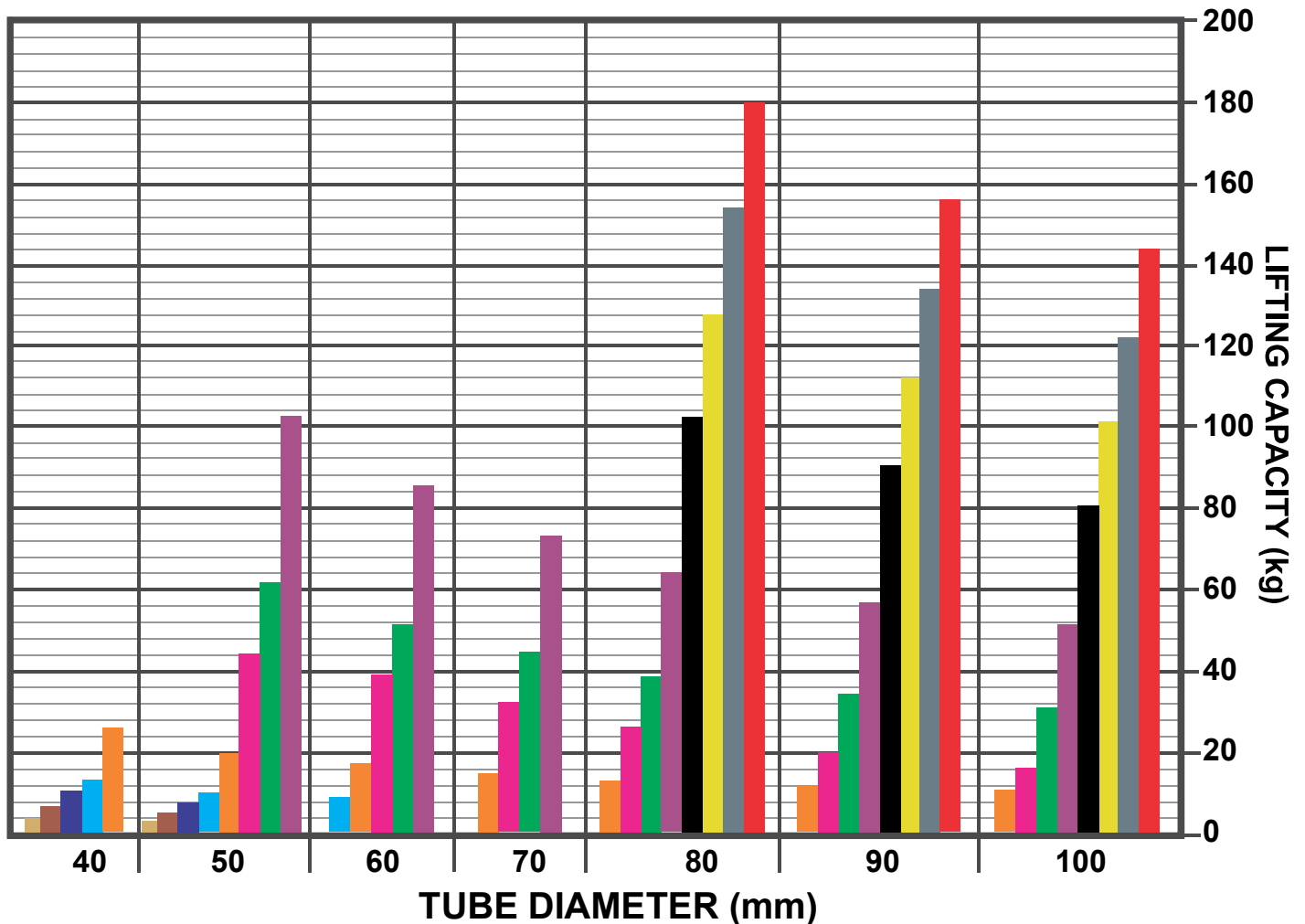
| NUMBER OF ARMS        | 2 ARMS | 3 ARMS | 4 ARMS |
|-----------------------|--------|--------|--------|
| UP TO 1.5M PROJECTION | 30Nm   | 30Nm   | 50Nm   |
| UP TO 2.0M PROJECTION | 30Nm   | 50Nm   | 50Nm   |
| UP TO 2.5M PROJECTION | 30Nm   | 50Nm   | 80+Nm  |
| UP TO 3.0M PROJECTION | 50Nm   | 50Nm   | 80+Nm  |
| UP TO 3.5M PROJECTION | 50Nm   | 80+Nm  | 80+Nm  |
| UP TO 4.0M PROJECTION | 50Nm   | 80+Nm  | 80+Nm  |

## 78MM TUBE

| NUMBER OF ARMS        | 2 ARMS | 3 ARMS | 4 ARMS |
|-----------------------|--------|--------|--------|
| UP TO 1.5M PROJECTION | 30Nm   | 50Nm   | 50Nm   |
| UP TO 2.0M PROJECTION | 30Nm   | 50Nm   | 80+Nm  |
| UP TO 2.5M PROJECTION | 50Nm   | 50Nm   | 80+Nm  |
| UP TO 3.0M PROJECTION | 50Nm   | 50Nm   | 80+Nm  |
| UP TO 3.5M PROJECTION | 50Nm   | 80+Nm  | 80+Nm  |
| UP TO 4.0M PROJECTION | 50Nm   | 80+Nm  | 80+Nm  |

# Motor Lifting Chart

FOR ZIPS AND SIDE CHANNEL SYSTEMS



To use this chart, simply find your tube size at the bottom of the chart, find the colour that matches the capacity of your motor and check against the weights on the right side.

# ***MOTORISATION MADE EASY***

## ***AUSTRALIA / USA / CANADA***

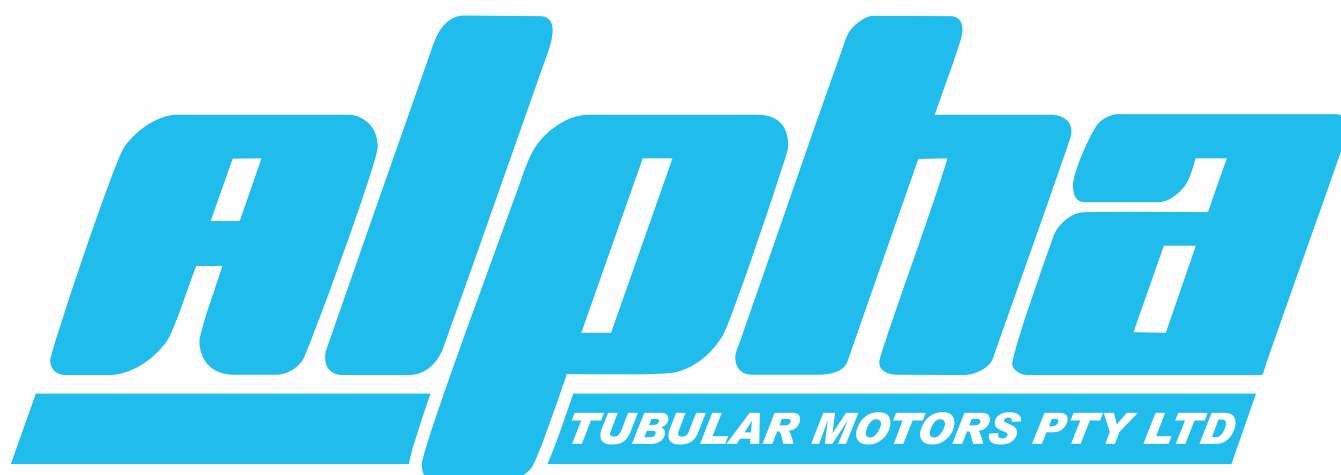


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sales@alphamotors.com.au www.alphamotors.com.au



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