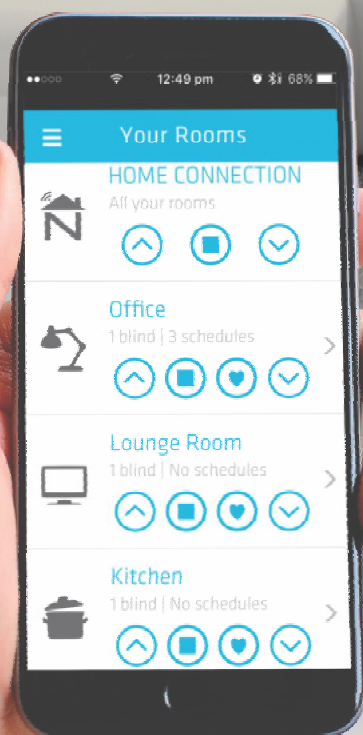


# 2018

## PRODUCT CATALOGUE

ISSUE 4



# *Alpha*

MOTORISATION MADE EASY

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A modern kitchen interior featuring a white countertop, dark wood cabinetry, and a large window overlooking a balcony. The countertop is equipped with a sink, faucet, and various kitchen items like a bowl of fruit and small potted plants. A white bar stool is visible near the window.

Type	Q5/28	5/28	10/14
Rated Torque (N.m)	5	5	10
Output Speed (rpm)	28	28	14
Nominal Consumption (W)	116	116	116
Nominal Voltage (V)	240	240	240
Nominal Current (A)	0.49	0.49	0.49
Running Time (Min)	4	4	4
Protection Index (IP)	44	44	44
Total Length (mm)	560	560	560
Maximum Turns (Turn)	∞	∞	∞
Net Weight (Kg)	1.34	1.34	1.35





# WSER50

## universal

7 year replacement warranty  
Electronic limit switch  
Built-in receiver  
Wireless limit setting  
External antenna

P 5

TUBULAR MOTORS

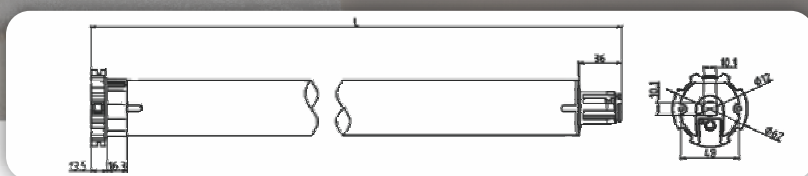
The WSER50 series Universal motors are the most popular external straight drop motors in the country.

Due to the 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.



## Electronic Limit Switch

Built in Receiver Motor  
45mm diameter



### 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

### Product Certificates



Alpha

# WSER50

## folding arm motor

7 year replacement warranty  
Electronic limit switch  
Built-in receiver  
Wireless limit setting  
External antenna

P 6

Also referred to as "Cassette Awning" motors, 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.

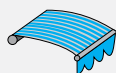
When used with Sun/Wind sensors or Motion sensors, this motor detects a pulse from the sensor issued every 20 minutes. If the Awning is out and does not receive a signal from the sensor for half an hour, it will close itself automatically as a protective measure assuming the sensor has failed or the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

This safety feature is the main reason you should always choose this motor for Folding Arm Awnings if a sensor is going to be used.



## Electronic Limit Switch

Built in Receiver Motor  
45mm diameter



Awning



### 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

### Product Certificates





# WSER60 100/12

universal motor

7 year replacement warranty  
Electronic limit switch  
Built-in receiver  
Wireless limit setting  
External antenna

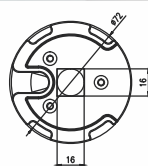
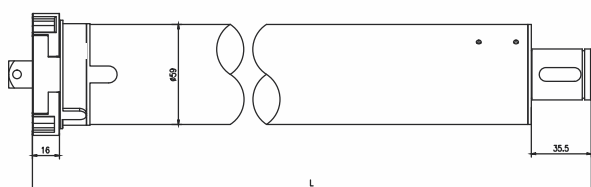
P 7



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

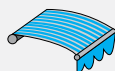
Although it's a universal motor, it's compatible with extra-large folding arms including the additional safety features provided by motion and wind sensors.

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.



## Electronic Limit Switch

Built in Receiver Motor  
60mm diameter



Awning



### 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

Product Certificates



Alpha

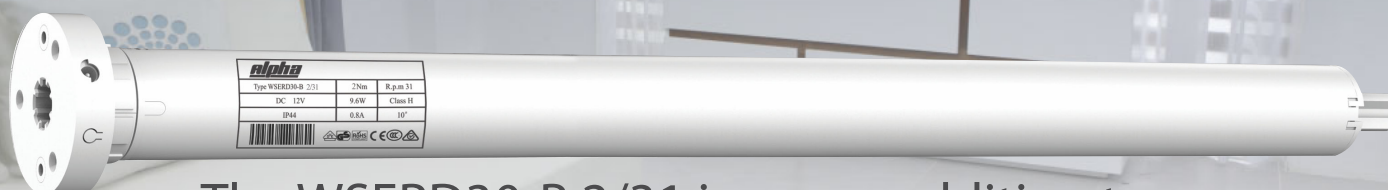
# WSERD30-B

12v venetian motor

External DC 12V power supply  
electronic limit switch  
built-in receiver

P 8

*Use Pioneer Series  
Remotes for greater  
responsiveness*

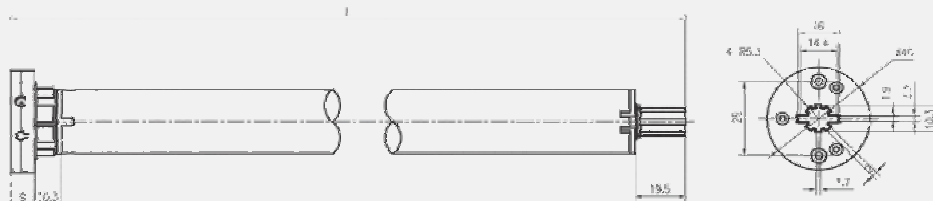


The WSERD30-B 2/31 is a new addition to our range.



## ALDC power supply required

\* Power supply comes with 4m cable.



This new 12v motor is designed primarily for use in venetian blind systems and is suitable for applications up to 3m x 3m. Previously venetian DC motors used rare earth magnetic drives which were noisy and of high current consumption. This new product uses the new coreless motor which is light weight and balanced for super smooth, accurate and quiet operation.

The transit drive supplied will allow any of our 35mm motor fittings to be used as well as allowing for the smaller venetian tube fittings, like 38mm for example. The 12v power supply plugs into the motor head directly for permanent connection and easy installation.



## Specifications - 12V DC

Type	2/31
Rated Torque (N.m)	2
Output Speed (rpm)	31
Nominal Voltage Input (V)	12
Current Required (amps)	1.2
Protection Index (IP)	20
Maximum Turns (Turns)	∞
Weight kg	0.54
Length mm	550



Venetian Blind

## Product Certificates





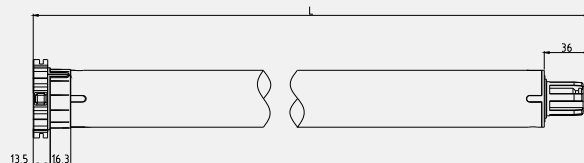
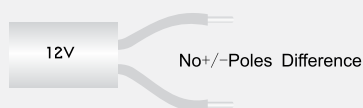
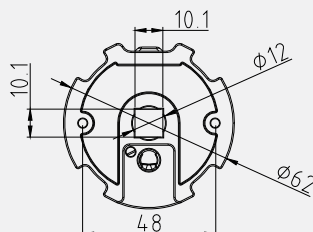
# WSERD50

battery & solar motor

- 3rd intermediate limit position
- Low power consumption
- Soft start and soft stop
- Electronic Limit Switch

P 9

*Use Pioneer Series  
Remotes for greater  
responsiveness*



## Specifications - 12V DC

Type	15/12
Rated Torque (N.m)	15
Output Speed (rpm)	12
Nominal Consumption (W)	96
Nominal Voltage (V)	12
Nominal Current (A)	8
Maximum Power (W)	96
Protection Index (IP)	44
Total Length (mm)	565
Maximum Turns (Turn)	∞
Net Weight (Kg)	2.6



Roller Blind



Roller Shutter

## Product Certificates



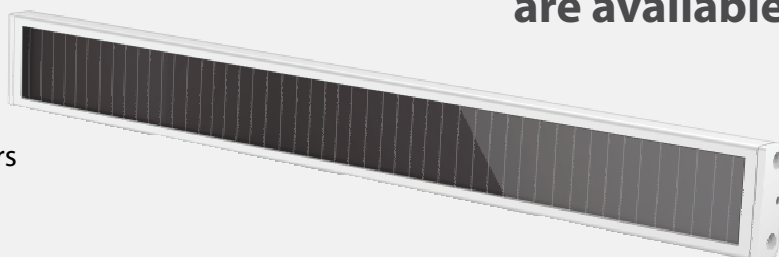
## TYB002 Solar panel and battery pack for WSERD50 (Optional power source)

This unit is recommended for use with 50mm DC motors. It's a solar panel with 4400mAh storage capacity using rechargeable Lithium batteries. The batteries will be fully charged in 80 hours of direct sunlight, and when full, will hold enough charge for about 50 days of normal operation without further charging. In the event that the batteries are depleted by excessive use or poor solar panel positioning, the batteries can be recharged in a few hours by connecting an external charger to the unit.

- Narrow design
- Polycrystalline silicon material
- Built-in rechargeable 4.4 Ah 12V lithium battery
- Output voltage: 12V DC
- Nominal capacity: 4400mAh
- Lifetime: charge/discharge 300 times
- Fully charged by power adaptor within 8 hours
- Fully charged by solar panel within 80 hours
- Working temperature -20°C to 80°C
- Protection Index: IP55
- Dimensions: 590 x 60 x 60 including mounts

## PLEASE NOTE:

**3m extension cables  
are available**



# WSEC40

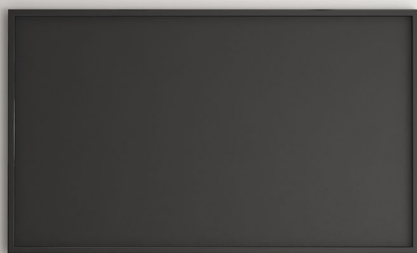
## universal

7 year replacement warranty  
Electronic limit switch  
For use with building management systems  
Parallel wiring compatible  
Counter balanced noise suppression

P 10

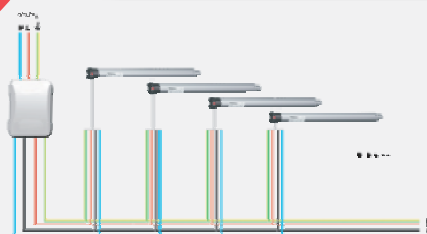
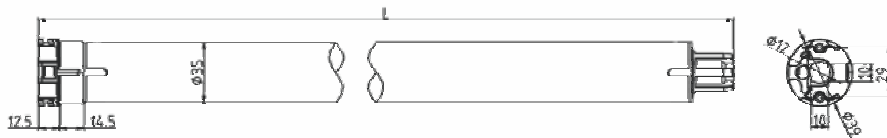
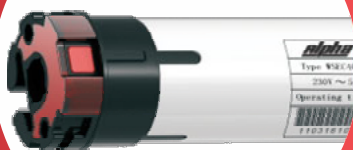
**\* BEST CHOICE FOR  
AUTOMATION SYSTEM**

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



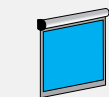
## Push Button Type

Electronic Limit Switch Parallel Connector Motor  
35mm diameter



### Specifications - 240V / 50Hz

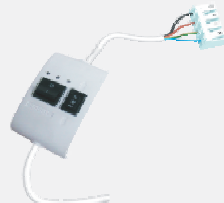
Type	5/28
Rated Torque (N.m)	5
Output Speed (rpm)	28
Nominal Consumption (W)	116
Nominal Voltage (V)	240
Nominal Current (A)	0.49
Running Time (Min)	4
Protection Index (IP)	44
Total Length (mm)	560
Maximum Turns (Turn)	∞
Net Weight (Kg)	1.35



Projection Screen



Roller Blind



### Product Certificates

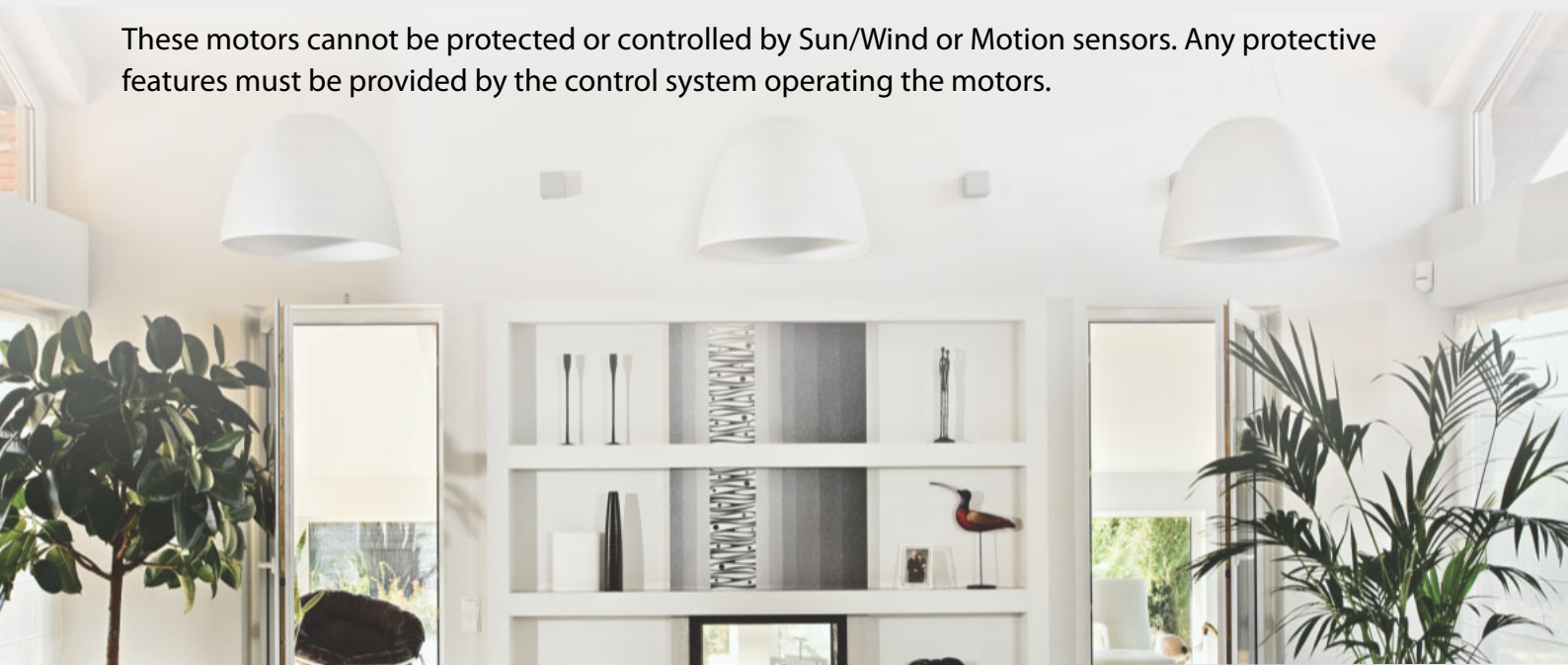




This motor is recommended for all external straight drop awning products.

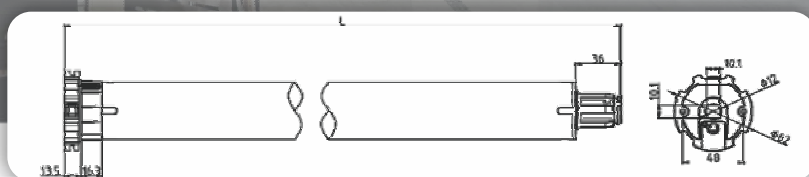
Limits may be set by using either the WSB01 limit setting tool or by using the button on the motor head.

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.



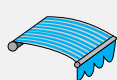
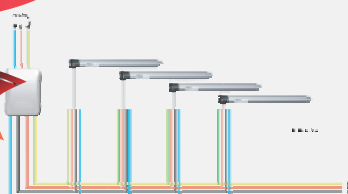
## Push Button Type

Electronic Limit Switch Parallel Connector Motor  
45mm diameter



### 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)	2.05	2.20	2.30



Awning



Roller Blind



Roller Shutter



### Product Certificates



# WSEC50

## folding arm motor

7 year replacement warranty  
Electronic limit switch  
For use with building management systems  
Parallel wiring compatible  
Counter balanced noise suppression

P 12

**\* BEST CHOICE FOR  
AUTOMATION SYSTEM**

Also referred to as "Cassette Awning" motors, these motors are designed to automatically set their inner limit based on tension.

The outer limit is set manually using the WSB01 limit setting tool 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.

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.



## Push Button Type

### Electronic Limit Switch Parallel Connector Motor

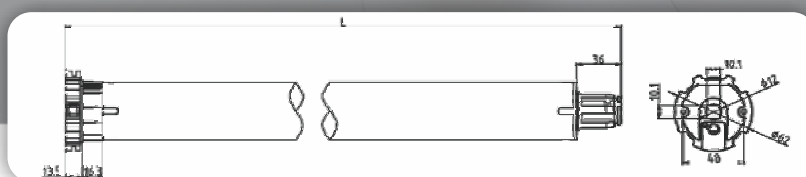
#### 45mm diameter



Awning



### 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)	570	600
Maximum Turns (Turn)	∞	∞
Net Weight (Kg)	2.20	2.30



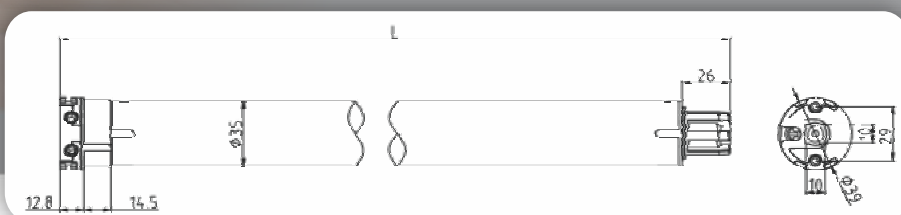


A basic featureless 4 core motor for when you want a reliable workhorse without any bells & whistles.

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

## Standard Type Motor

35mm diameter



Projection Screen Roller Blind

### Product Certificates



### Specifications - 240V / 50Hz

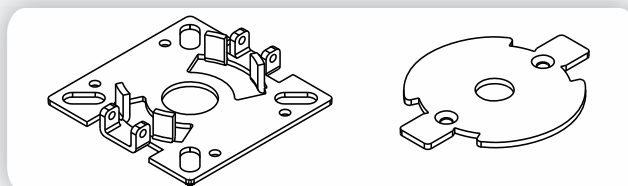
Type	5/28
Rated Torque (N.m)	5
Output Speed (rpm)	28
Nominal Consumption (W)	116
Nominal Voltage (V)	240
Nominal Current (A)	0.49
Running Time (Min)	4
Protection Index (IP)	44
Total Length (mm)	480
Maximum Turns (Turn)	40
Net Weight (Kg)	1.34

## WSS50S 10/17 Short Motor

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.

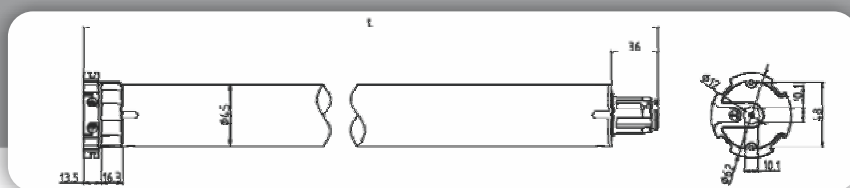
To keep the size to a minimum, this motor has a different head to the standard WSS50 motors and as such requires a different mounting bracket as per the bracket image. This bracket will be supplied with the motor as standard.

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.



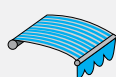
## Standard Type Motor

45mm diameter



### Specifications - 240V / 50Hz

Type	10/17 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



Awning



Roller Blind



Roller Shutter

### Product Certificates



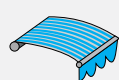
## WSS50 20/17 Grey Economy Motor



Alpha Grey is our new 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 and in the cheaper version of the 2 Alpha Grey motors, the Molex connector has also been removed. This motor simply has a 3m tail without a connector.

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.

**Available both with and without Molex connectors.**



Awning



Roller Blind



Roller Shutter

### Product Certificates



### 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



# WSM50

## manual override

7 year replacement warranty  
Standard type  
Mechanical switch

P 16

**PLEASE NOTE**  
for eyelet and crank handle  
options please see page 43



Product Certificates



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	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

# WSME50

## manual override

7 year replacement warranty  
Standard type  
Mechanical switch  
Built-in receiver

**PLEASE NOTE**  
for eyelet and crank handle  
options please see page 43



Product Certificates



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

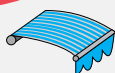
Type	30/17	50/13
Rated Torque (N.m)	30	50
Output Speed (rpm)	17	13
Nominal Consumption (W)	226	244
Nominal Voltage (V)	240	240
Nominal Current (A)	0.95	1.06
Running Time (Min)	4	4
Protection Index (IP)	44	44
Total Length (mm)	740	740
Maximum Turns (Turn)	27	27
Override Turn Ratio	45:1	45:1
Net Weight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

# manual override

7 year replacement warranty  
Standard type  
Mechanical switch

P 17

**PLEASE NOTE**  
for eyelet and crank handle  
options please see page 43

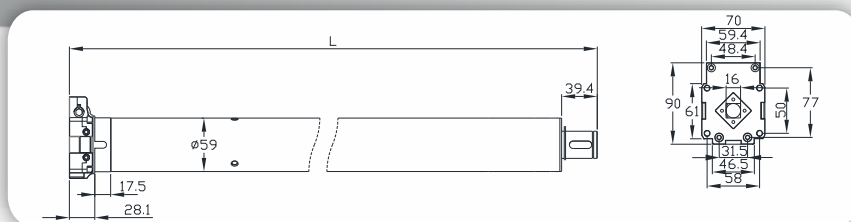


## Awning



### Roller Door

## Product Certificates



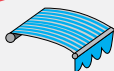
## Specifications - 240V / 50Hz

Type	120/9
Rated Torque (N.m)	120
Output Speed (rpm)	9
Nominal Consumption (W)	488
Nominal Voltage (V)	230
Nominal Current (A)	2.15
Running Time (Min)	4
Protection Index (IP)	44
Total Length (mm)	660
Maximum Turns (Turn)	27
Net Weight (Kg)	6.18

# WSEB60 120/9

## 60mm motor

7 year replacement warranty  
Built in receiver  
Mechanical limits

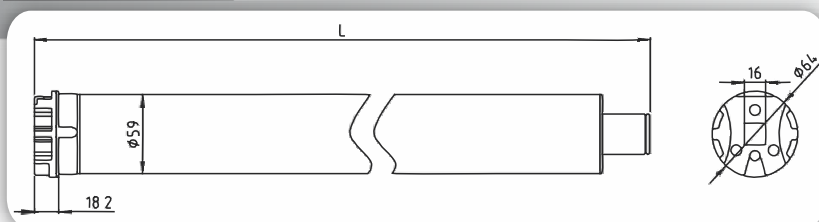


Awning



### Roller Door

## Product Certificates



## Specifications - 240V / 50Hz

Type	120/9
Rated Torque (N.m)	120
Speed (RPM)	9
Nominal Consumption	488
Nominal Voltage (V) AC	240
Nominal Current (A)	2.15
Running Time (Min)	4
Protection Index (IP)	44
Total Length (mm)	712
Maximum Turns	27
Net Weight (Kg)	4.76

***Alpha***



**the Alpha Curtain System**



# WSCME

## curtain motor

3 year replacement warranty  
Obstacle stop function  
Electro-magnetic clutch  
Hand operable during power-off  
Auto limit setting

Touch control (pull to activate)  
3rd (intermediate) limit position  
Dry contact closure operation

P 19

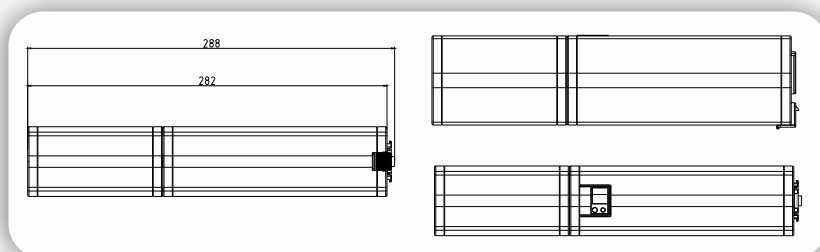


**The WSCME curtain motor can be ordered in either 240v AC or 24v DC. In both cases it's a 24v DC driven motor. And the power option simply clips on to the bottom of the motor.**

If you order the 240V AC version it comes with a detachable transformer that clips onto the motor that can be wired into normal 240V power or can be fitted with a standard plug to go into a GPO.

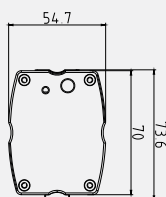
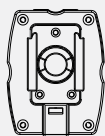


If you order the DC version it comes with a clip on 24V DC Lithium ion battery pack. A fully charged battery will last around 3 months on a 3m wide centre close curtain opened and closed once each day, depending on weight. Battery charger comes supplied.



### Specifications - 240V / 50Hz

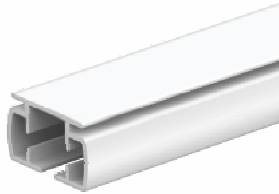
Type	AC	DC
Rated Torque (N.m)	2.5	2.5
Maximum Pulling Weight (kg)	50	50
Running Speed (cm per second)	20	20
Nominal Voltage (V)	240V AC	24V DC
Nominal Current (A)	0.44	4
Running Time	∞	∞
Protection Index (IP)	20	20
Total Length (mm)	300	300
Maximum Turns	∞	∞
Net Weight (Kg)	1.3	1.3



Product Certificates

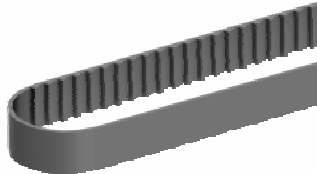


CMAT



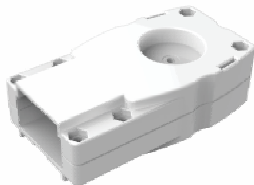
**CURTAIN TRACK**  
motorised aluminium track  
2m, 3m, 4m & 6m lengths, white

CMA1



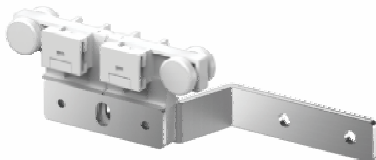
**DRIVE BELT**  
with high strength non-corrosive  
steel wire

CMA2



**DRIVE UNIT/IDLE**  
2 per track

CMA3  
(A or B)



**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

CMA4



**END STOP WITH HOOK**

CMA5



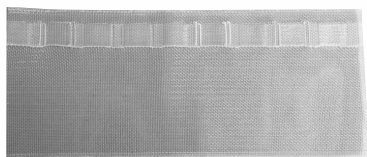
**RETURN HOOK**  
2 pieces per track

CMA6



**RUNNER**  
8 pieces required per metre

CMA7



RIPPLE FOLD TAPE  
white

CMA8  
(A or B)



RIPPLE FOLD CARRIER WITH PENDANTS  
CMA8A - 80mm spacing (NOT SUITABLE FOR USE WITH CORNERS)  
CMA8B - 60mm spacing

CMA9



TRACK JOINER  
connector for 2 separate tracks

CMA10/90



CORNER JOINER  
connector for 2 tracks at 90 degree angle

CMA10/135



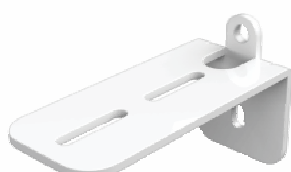
CORNER JOINER  
connector for 2 tracks at 135 degree angle

CMA11



MOUNTING CEILING BRACKETS

CMA12



WALL BRACKETS  
base only, requires an additional CMA11  
per bracket

CMA13



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





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.

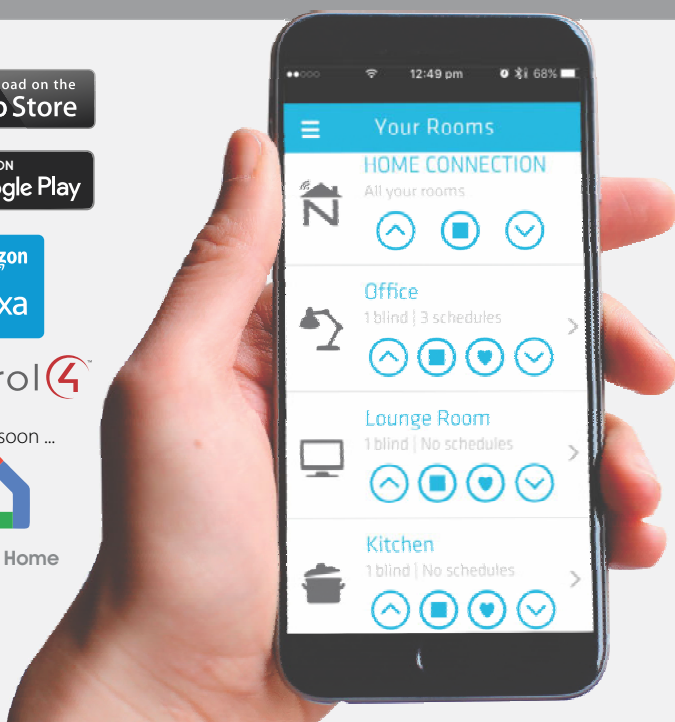
Simply purchase the link box and download the free app for either Android or Apple. This app is compatible with all Alpha remote control motors. There is no limit to the number of control devices you can connect. There are 30 control groups (rooms) available and you can add up to 8 blinds per group. Additionally, you can setup up to 25 schedules to automate functionality.



coming soon ...



Google Home



## 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 Series

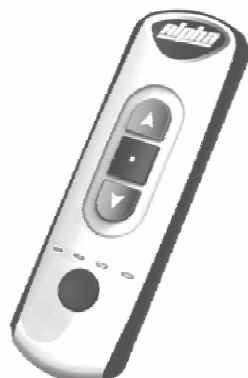
The Pioneer series remotes are a sleek, yet practical design featuring silicone edges for drop protection. Options of 1, 4, 8 & 16 channel transmitters give you enormous flexibility without being overly complicated. The WSRE103 models also feature an easy to read LCD display and a multi-channel function to further simplify the end-user experience. The Alpha remote control system applies a 66 rolling code program with 268 million possible combinations which virtually eliminates any chance of programming duplication. All Alpha remotes and receivers are inter-compatible.



## RE101

### Specifications

<b>Channels</b>	<b>1</b>
Frequency (MHz)	433.92
Codes	Rolling
Wall Mount	Yes



## RE102

### Specifications

<b>Channels</b>	<b>4</b>
Frequency (MHz)	433.92
Codes	Rolling
Wall Mount	Yes



With the 4, 8 & 16 channel remotes you can control 4, 8 or 16 different receivers separately or any group among the 4, 8 or 16 receivers. Also available in 4 channel timer.

## RE103

### Specifications

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

## Keyring Remote



## RE110

### Specifications

<b>Channels</b>	<b>1</b>
Frequency (MHz)	433.92
Codes	Rolling

**The Navigator Series** The Navigator series remotes are the latest offering from the R&D team. They have delivered an elegant and simple design featuring stainless steel edge trim and a near-invisible magnetic wall mount. With all the options of the Pioneer series and almost identical operation, the Navigator series remotes are an excellent addition to our range.



## RE301

### Specifications

<b>Channels</b>	<b>1</b>
Frequency (MHz)	433.92
Codes	Rolling
Magnetic Wall Mount	Yes



## RE302

### Specifications

<b>Channels</b>	<b>5</b>
Frequency (MHz)	433.92
Codes	Rolling
Magnetic Wall Mount	Yes



## RE303

### Specifications

<b>Channels</b>	<b>4, 8, 16 1T, 4T</b>
Frequency (MHz)	433.92
Codes	Rolling
Magnetic Wall Mount	Yes

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

With the 1T & 4T channel remotes you can control 1 or 4 receivers with timer function which can set up 8 different open/close times and also Mon-Fri, or Mon-Sat, or Mon-Sun open/close times.



**NEW  
PRODUCT**

### 306A

The 306A 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



### 301-i

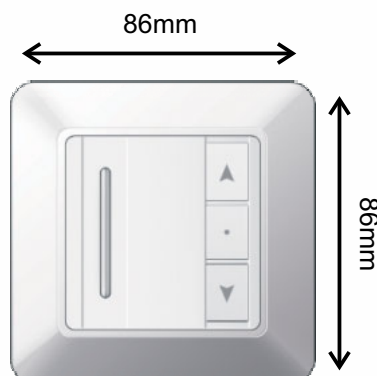
The 301i is a single channel remote, but with the clever function of being able to select 25%, 50% and 75% positions between the set limits. This function works with all Alpha WSER and WSERD series motors.

#### Specifications

<b>Channels</b>	<b>1</b>
Frequency (MHz)	433.92
Codes	Rolling
Magnetic Wall Mount	Yes



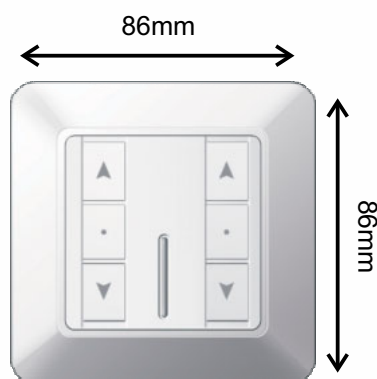
RE201



## Specifications

<b>Channels</b>	<b>1</b>
Frequency (MHz)	433.92
Codes	Rolling
Wall Mount	Yes

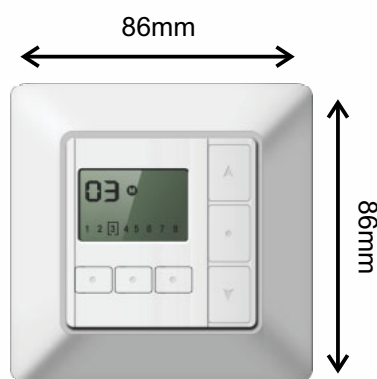
RE202



## Specifications

<b>Channels</b>	<b>2</b>
Frequency (MHz)	433.92
Codes	Rolling
Wall Mount	Yes

RE203-8C

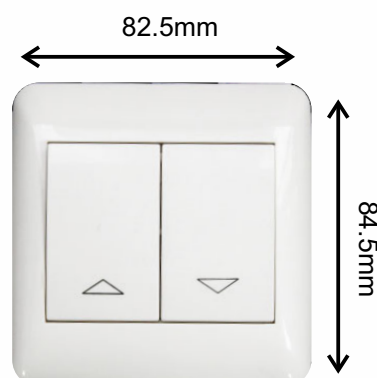


## Specifications

<b>Channels</b>	<b>8</b>
Frequency (MHz)	433.92
Codes	Rolling
Wall Mount	Yes

## Hard Wired Wall Switch

A3012

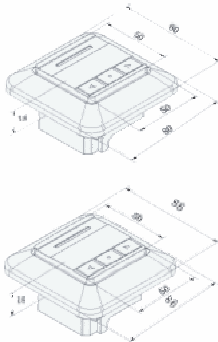


Mechanical locking paddle switch  
for WSEC & WSS Series motors

## Features:

- Superheterodyne receiving for improved frequency stability
- Each receiver channel can be controlled by 15 remotes
- The Receivers will automatic power-off after 4 minutes to protect the motor

### RC201

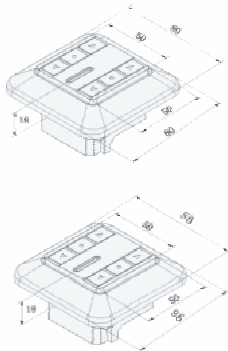


### Specifications

Connect with motor	up to 3 units
Frequency (MHz)	433.92
Codes	Rolling
Receiver Power	400W
Voltage	230V 50Hz

Able to operate with a maximum of 15 remotes

### RC202

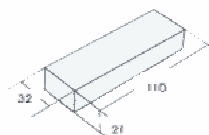


### Specifications

Connect with motor	2 units
Frequency (MHz)	433.92
Codes	Rolling
Receiver Power	600W
Voltage	230V 50Hz

Able to operate with a maximum of 15 remotes

### RC006

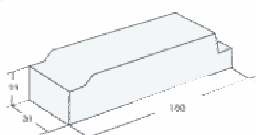


### Specifications

Connect with motor	1 unit
Frequency (MHz)	433.92
Codes	Rolling
Receiver Power	400W
Voltage	230V 50Hz

Able to operate with a maximum of 15 remotes

### RC008



### Specifications

Connect with motor	1 unit
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 connected 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.



Product Certificates



## RE-DCE

### Specifications

Channels	1
Frequency (MHz)	433.92
Codes	Rolling
Wall Mount	Yes
Voltage	240V 50Hz

# RS005 Motion Sensor

for folding arm awnings



Available in black or white

This item attaches to the front channel of a folding Arm Awning 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 Folding Arm 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, but in a feature unique to Alpha, also has the capability of detecting movement created by the installer and setting the sensitivity to that level.

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

Product Certificates



## RS005

### Specifications

Frequency (MHz)	433.92
Codes	Rolling
Protection Index	IP44
Power	2x AAA Batteries

# Sun and Wind Sensors

wired & wireless

P 30

**These devices cannot  
be used in conjunction  
with Motion Sensors**

- Programmable with 5 wind speed and 9 light intensity settings
- Usable as sun and wind sensor where wind overrides sun
- Sun sensor can be disabled if required
- For use with WSER Series motors

## RS001

### Specifications

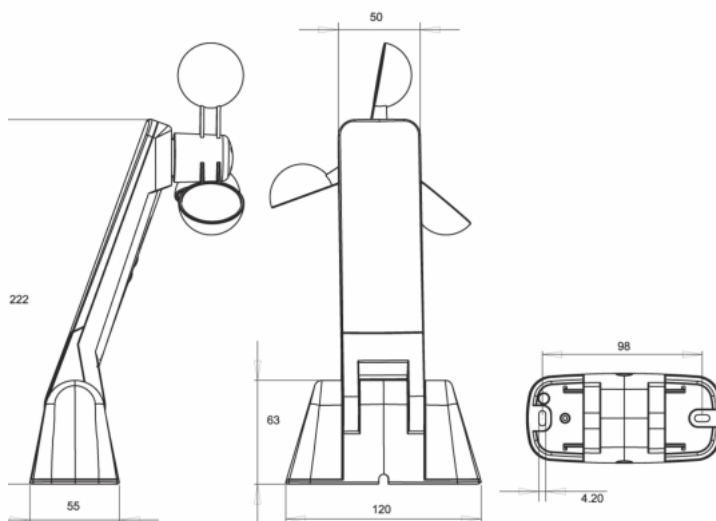
Frequency (MHz)	433.92
Codes	Rolling
Protection Index	IP44
Display	LED
Power	Solar Panel & Rechargeable Battery

## RS002

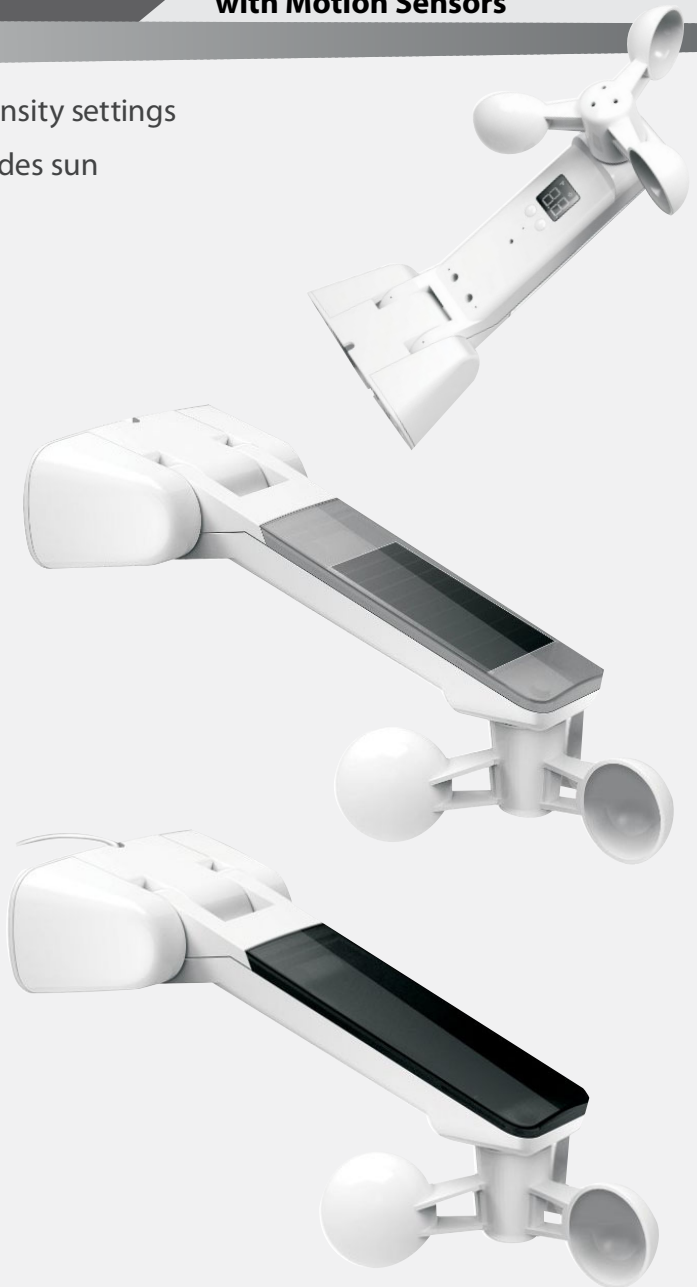
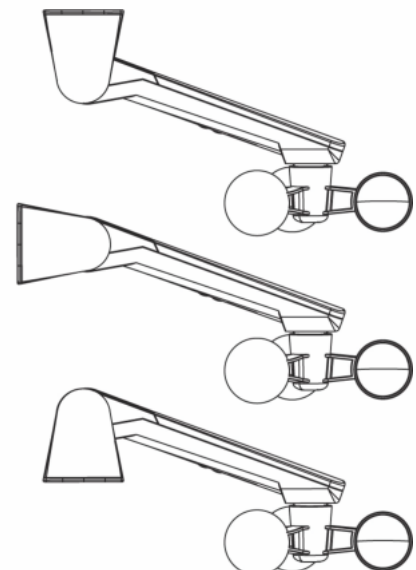
### Specifications

Frequency (MHz)	433.92
Codes	Rolling
Protection Index	IP44
Display	LED
Power	5V DC Power Supply (supplied)

### Dimension Drawing



### Installation Drawing

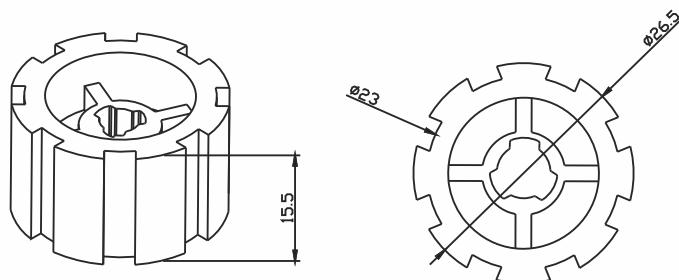




# Accessories

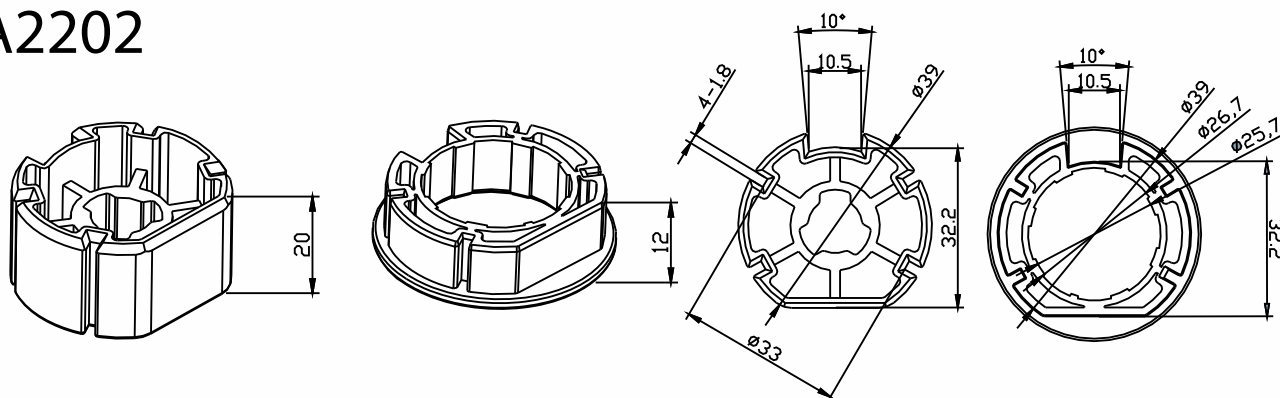


## A2201

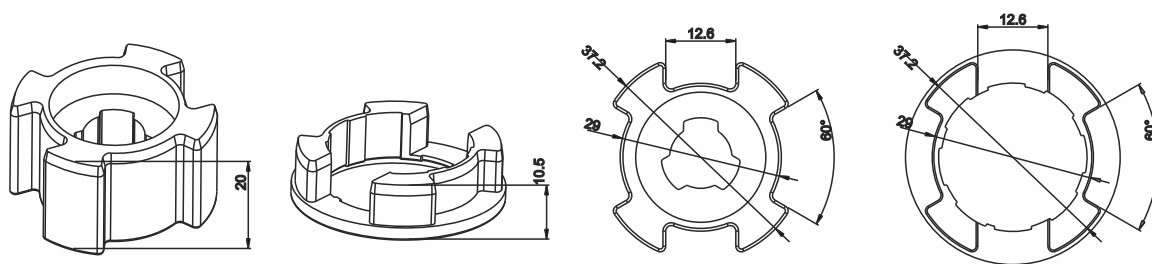


No crown required

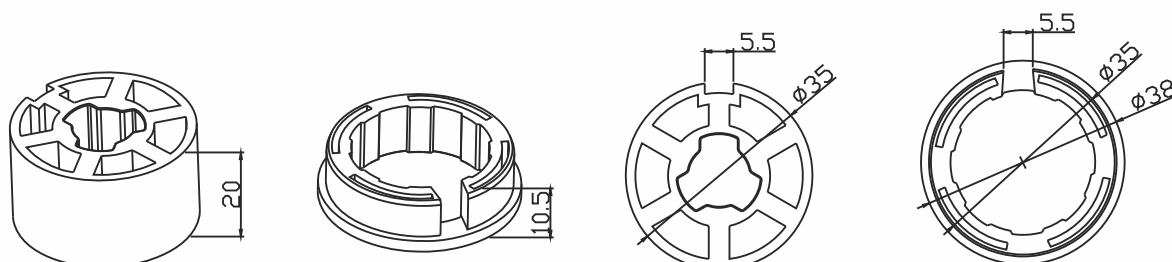
## A2202



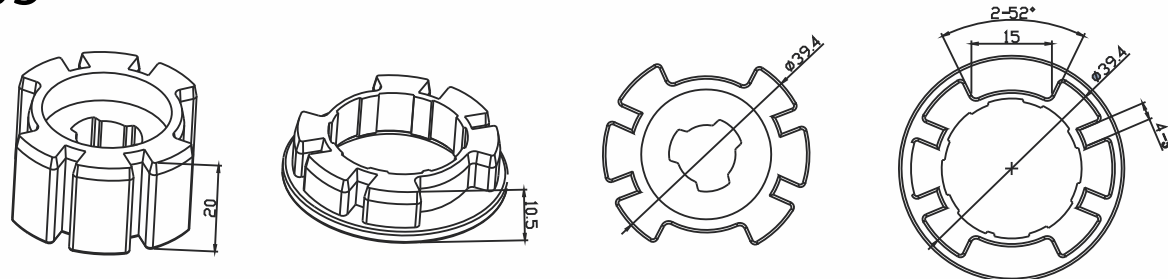
## A2203



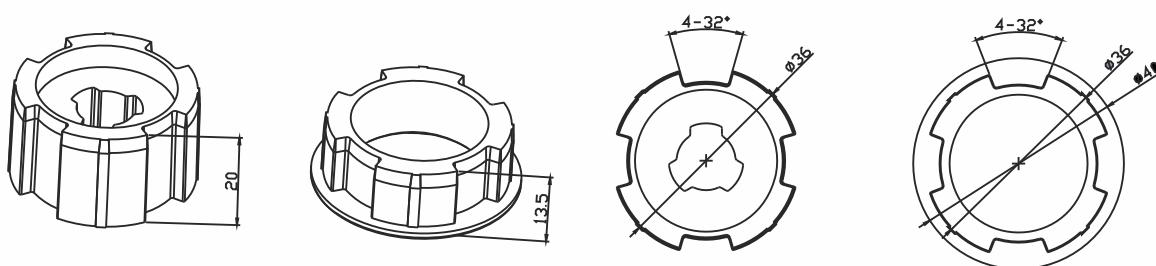
## A2204



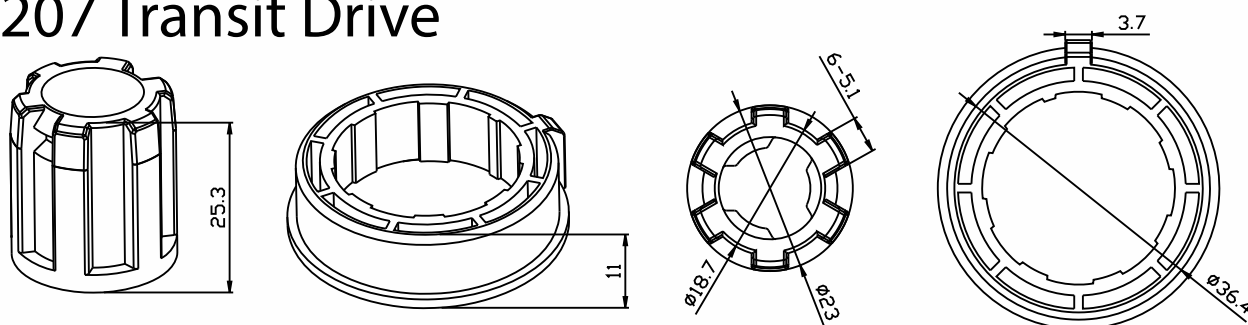
## A2205



## A2206

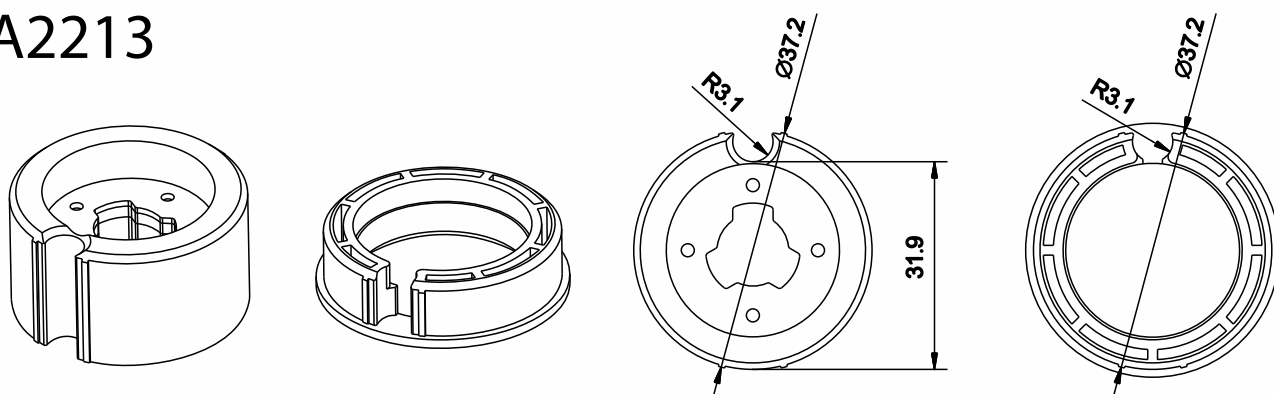


## A2207 Transit Drive



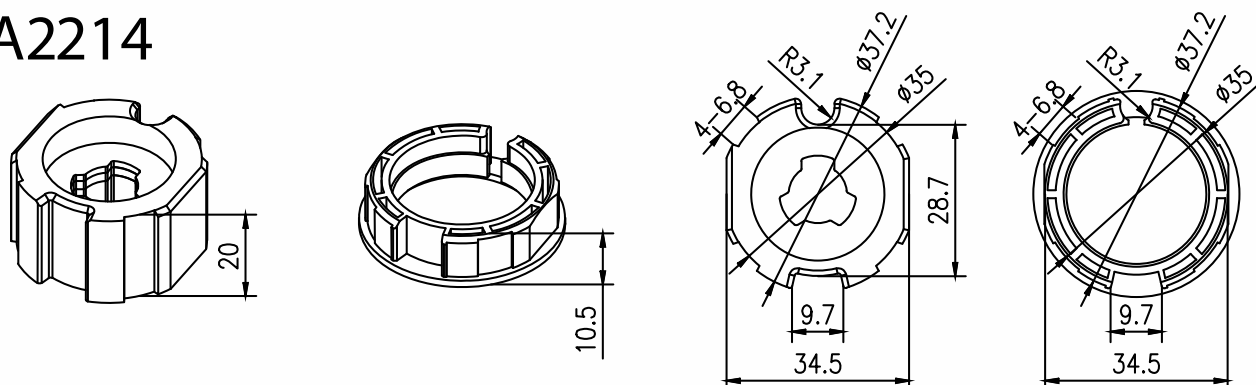
These are adaptors to allow connection of our 35mm motor fittings onto a 25mm motor.

## A2213

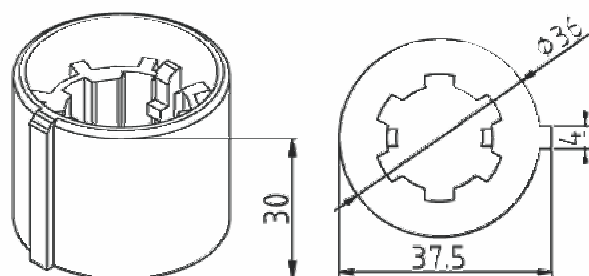




## A2214

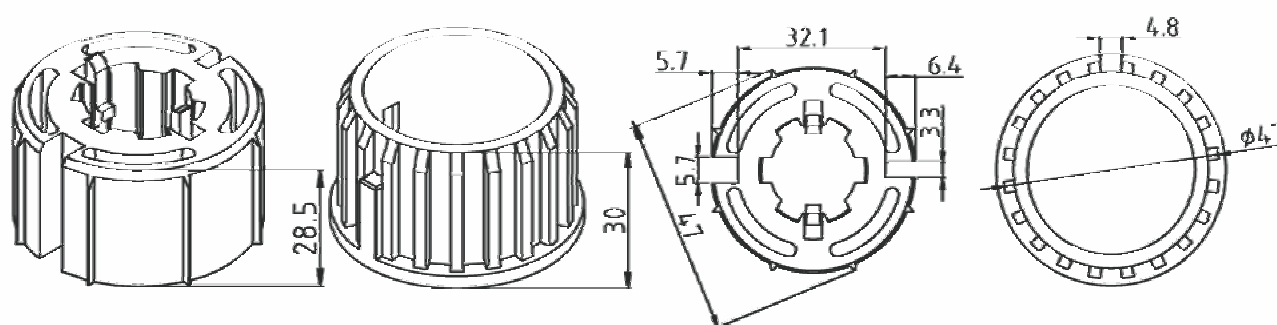


## A2305

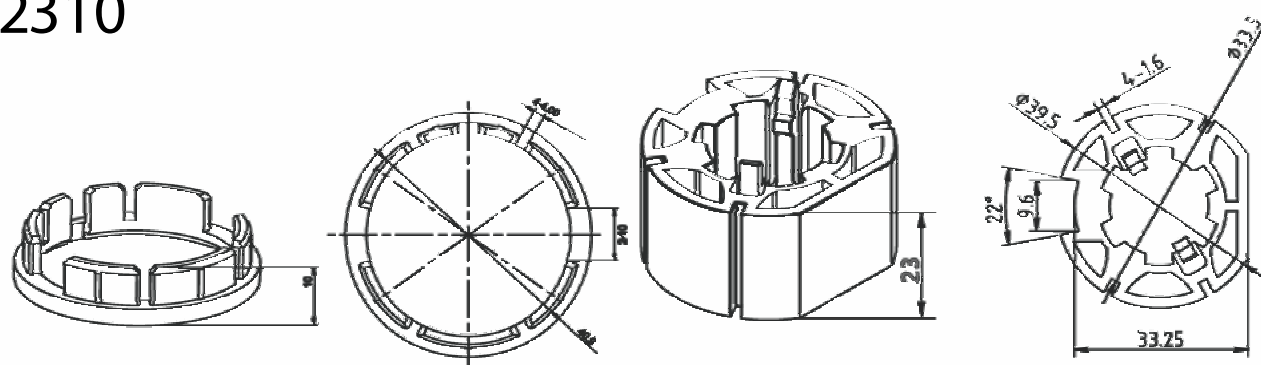


No crown required

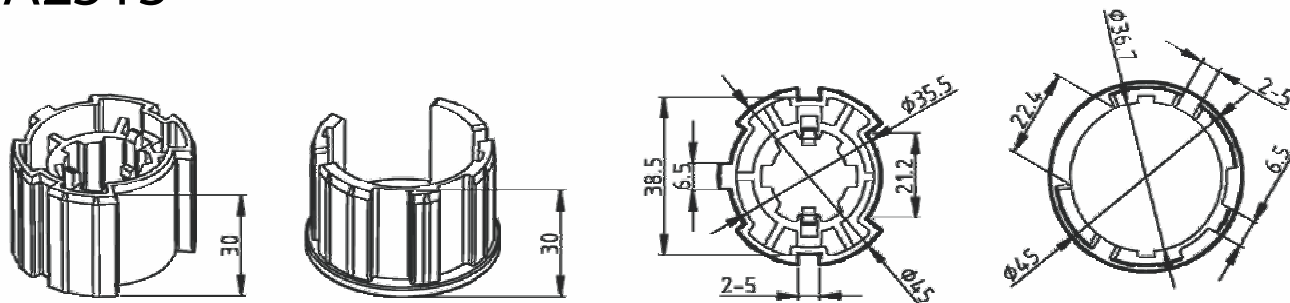
## A2307



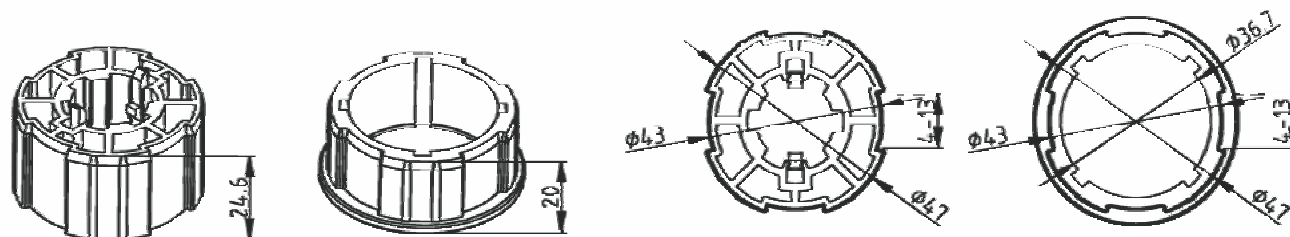
## A2310



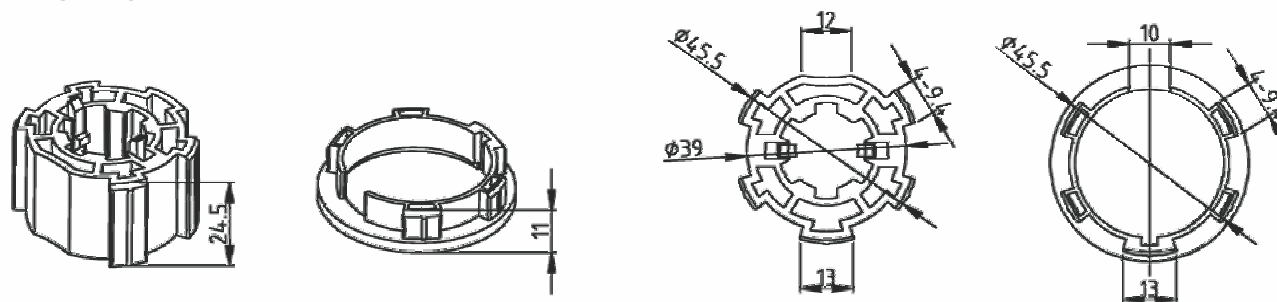
## A2313



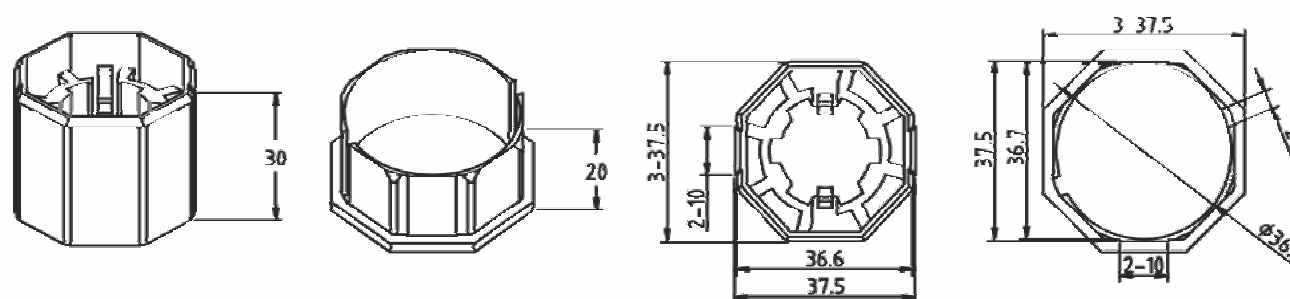
## A2314



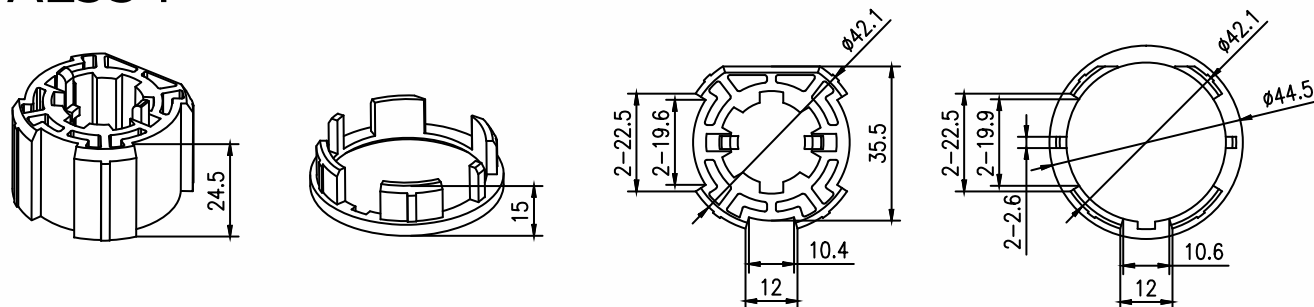
## A2315



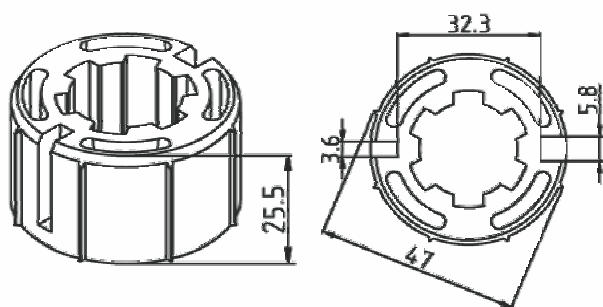
## A2320



## A2334

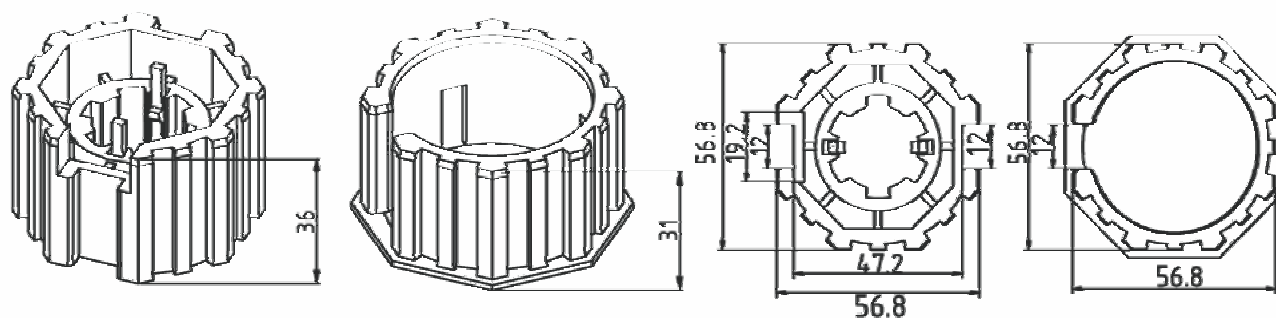


## A2401

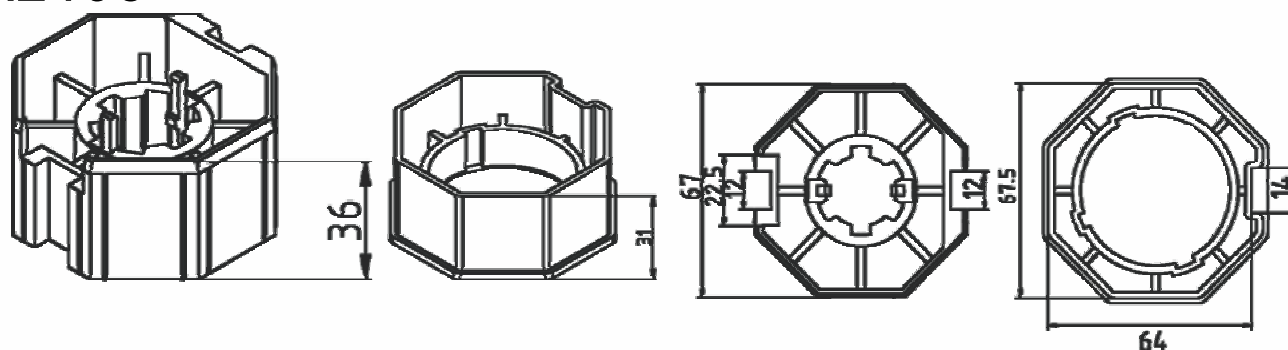


No crown required

## A2404

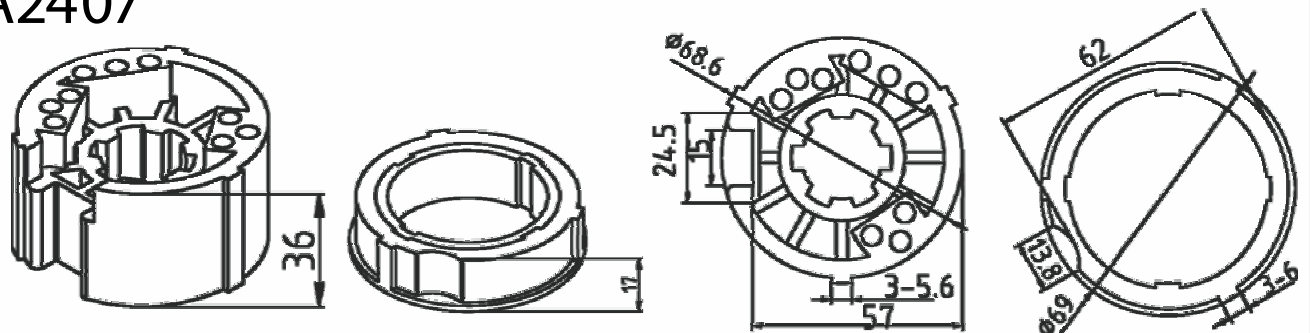


## A2406

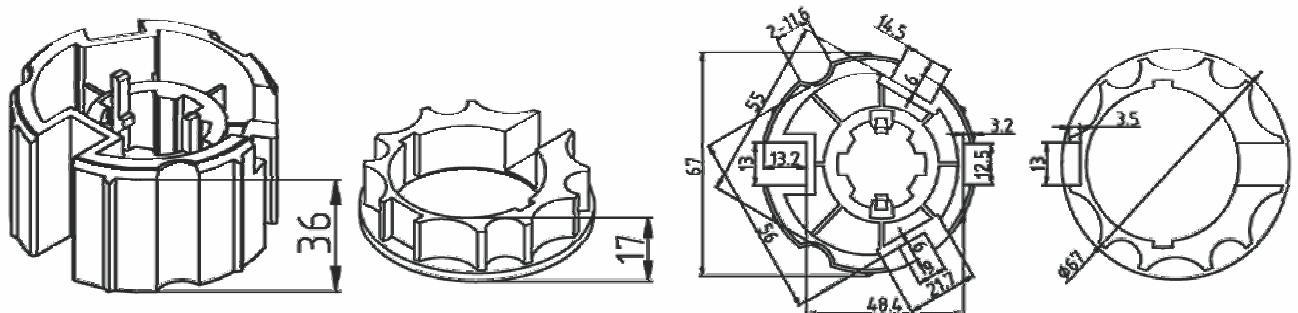




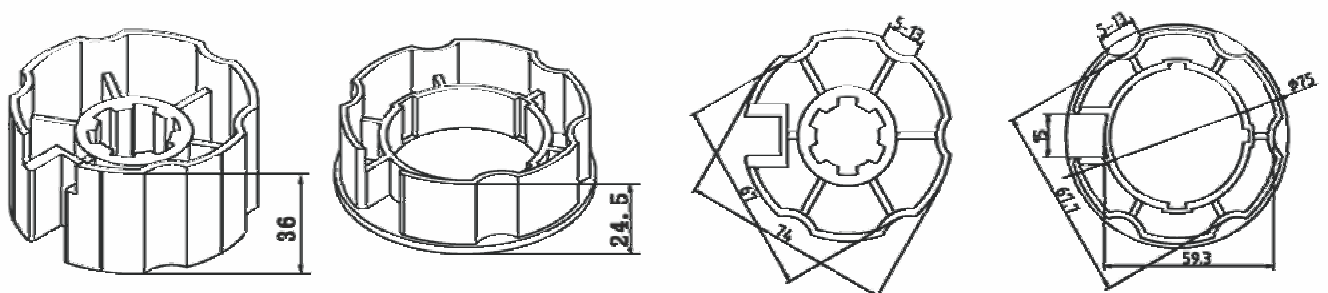
## A2407



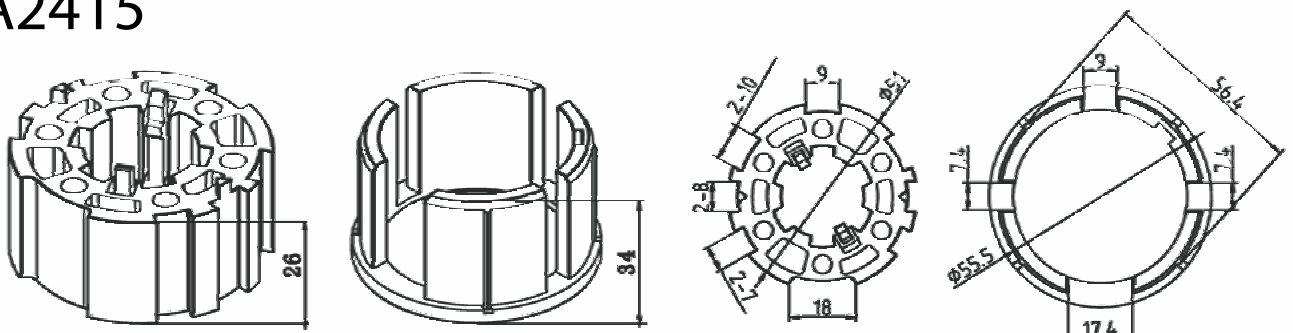
## A2408



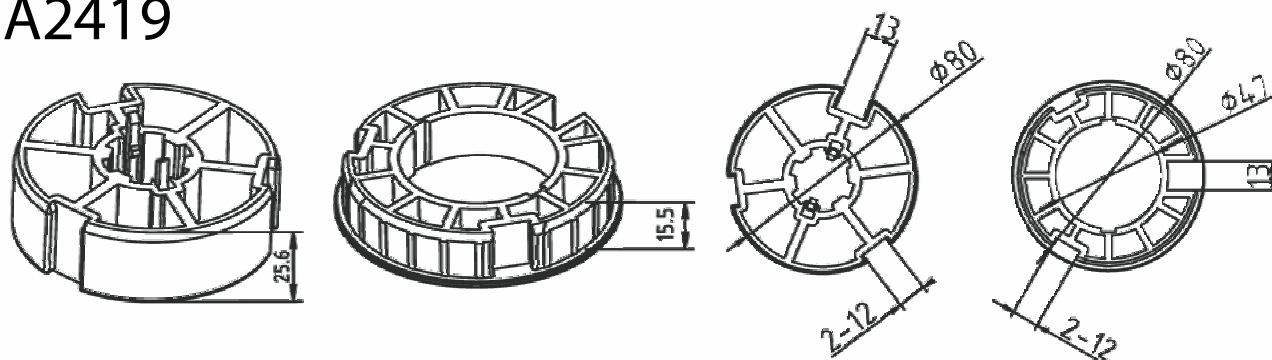
## A2409



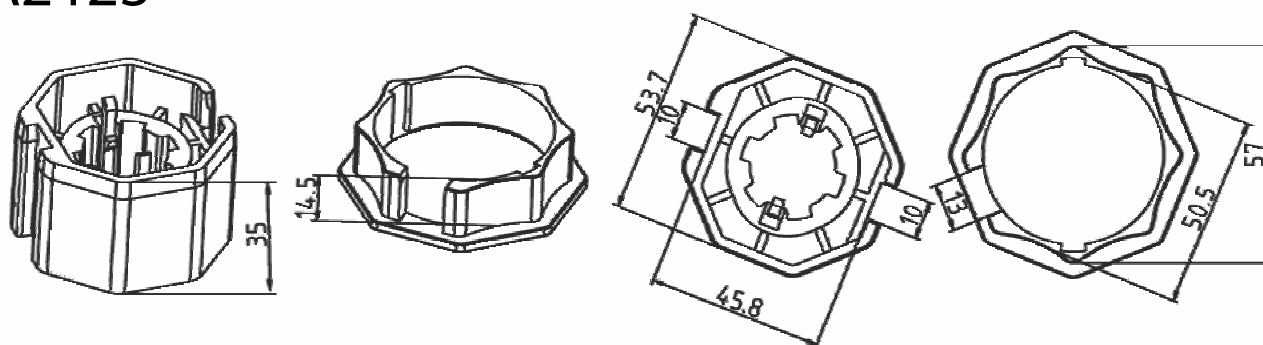
## A2415



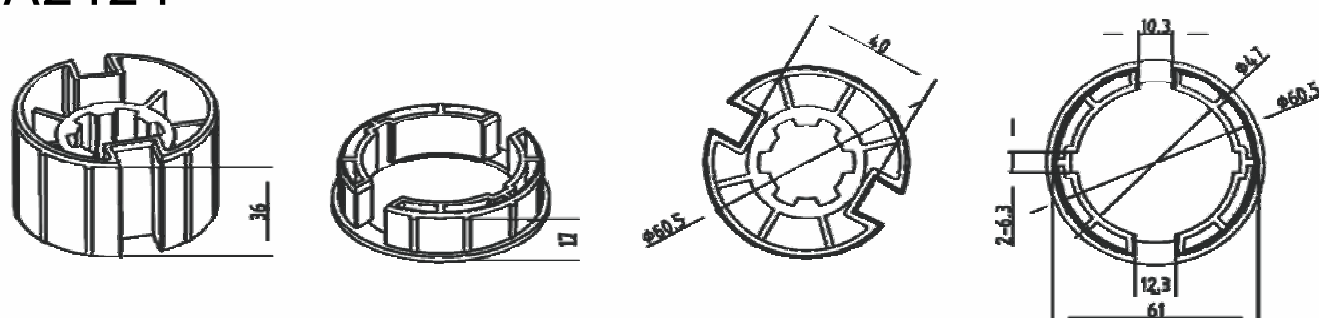
## A2419



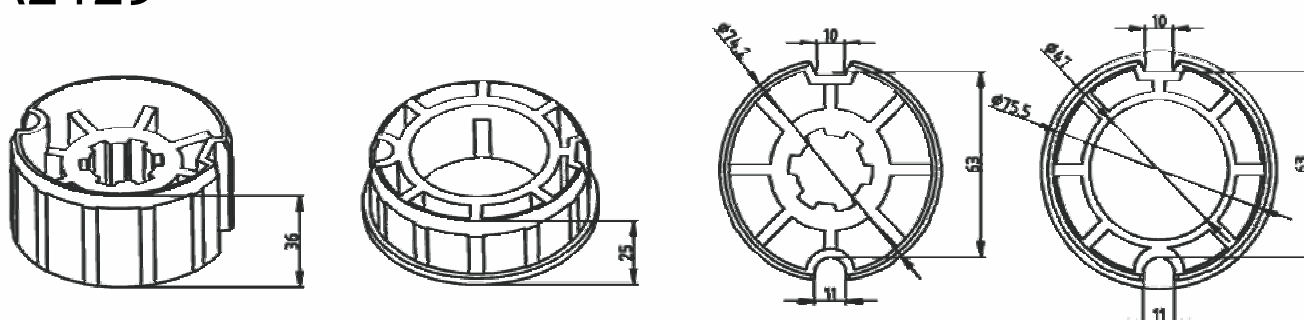
## A2423



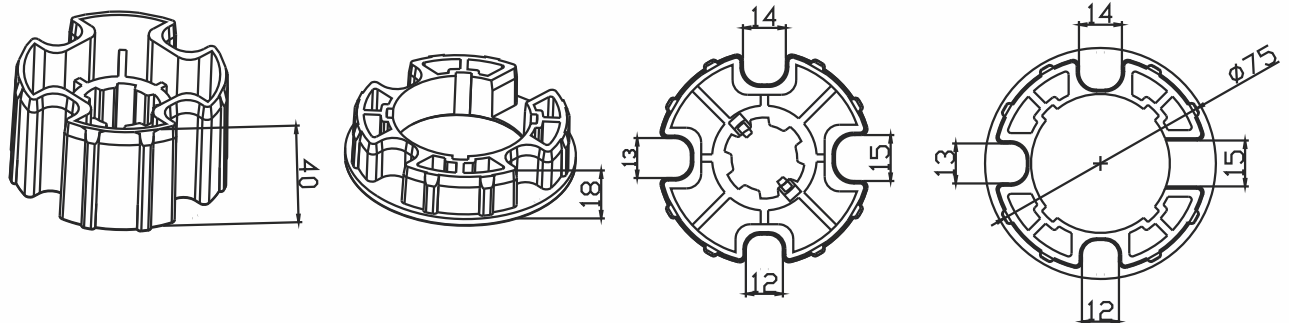
## A2424



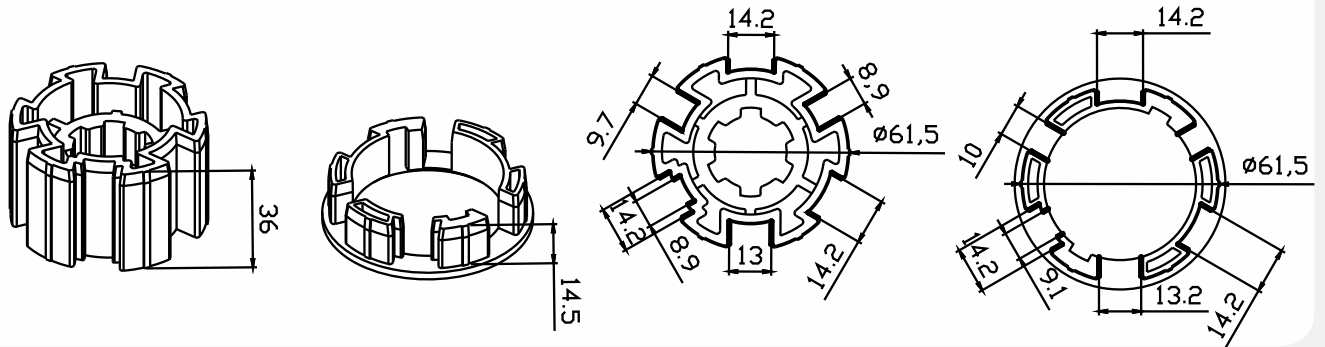
## A2429



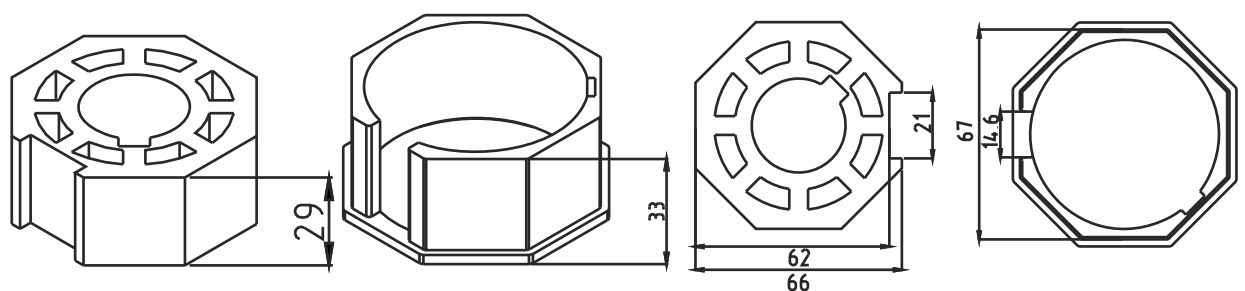
## A2434



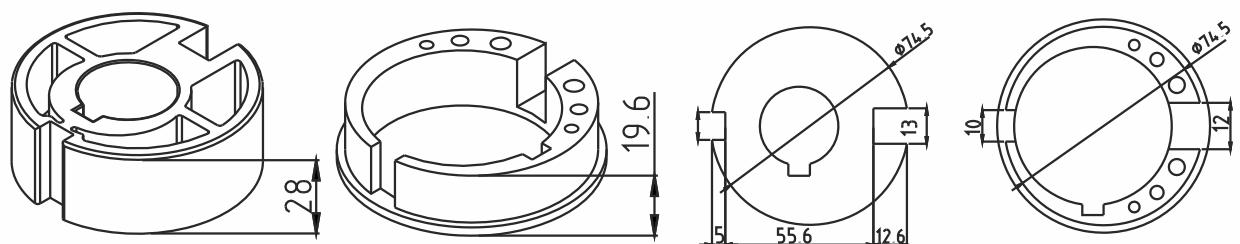
## A2436



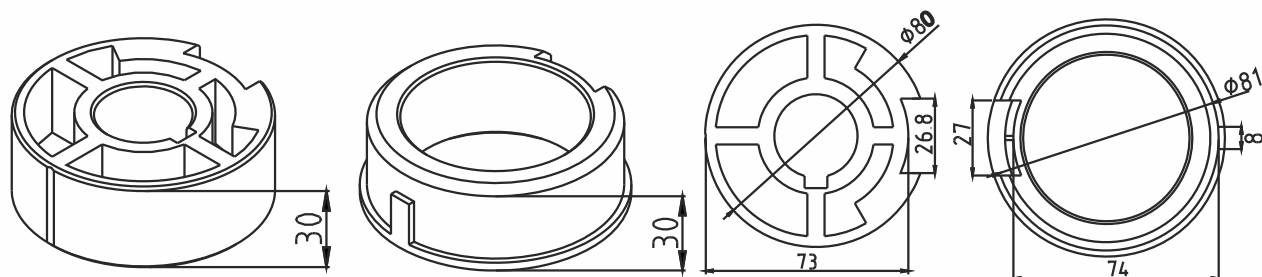
## A2501



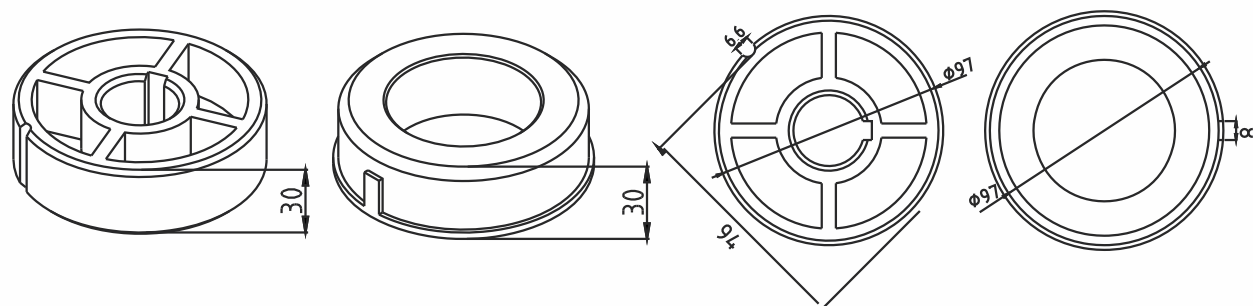
## A2502



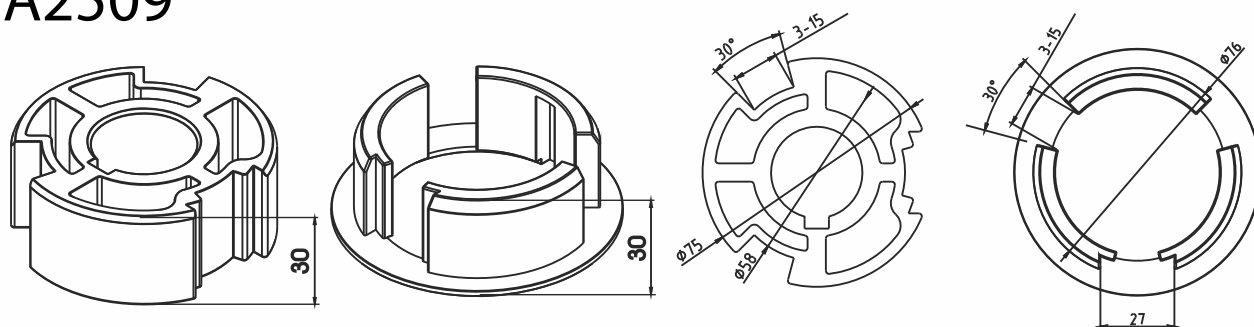
## A2503



## A2505

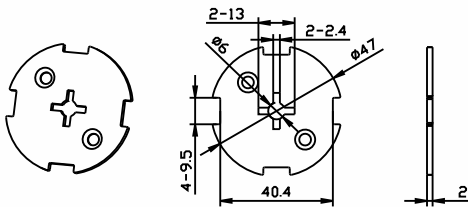


## A2509



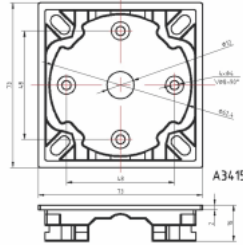


# A3304



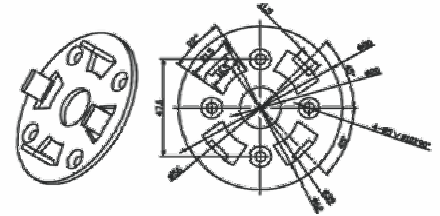
Standard on all 40mm motors

# A3415



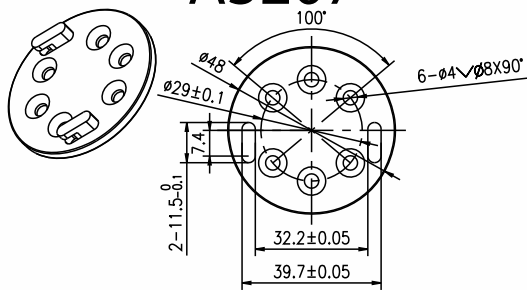
Fast Plug Adapter  
locks motor head into place

# A3405



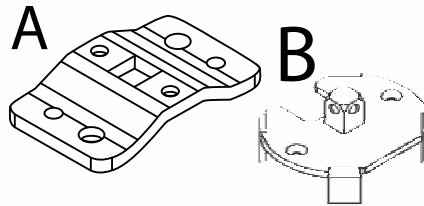
Non lockable bracket for  
50mm motors used internally

# A3207



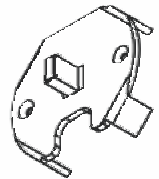
Westral motor plate

# A3005



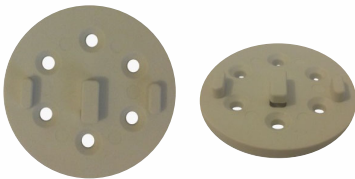
Block and Pin style bracket  
Available galvanised or in stainless steel

A3409W



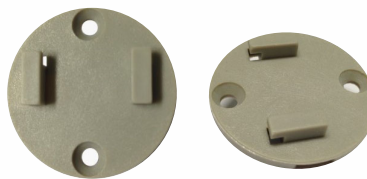
Ziptrack  
drop in mound

# A3320



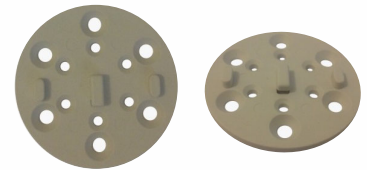
Jai 40mm motor plate

# A3310



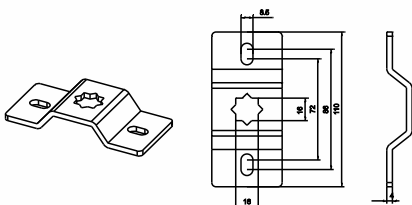
Blindware 40mm motor plate

# A3420

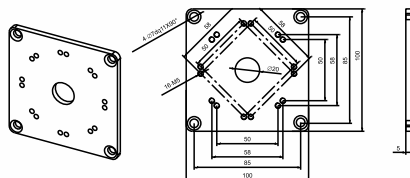


Jai 50mm motor plate

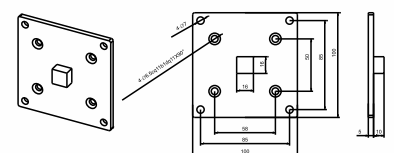
## A3007



## A3402



## A3501





## WSB01

Limit Setting Device



### Specifications

Limit Setting Device Programming Tool

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



### Specifications

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.

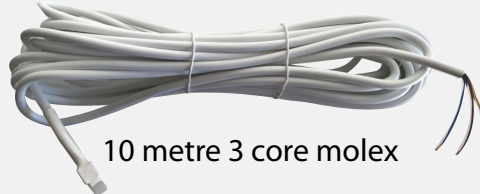
## Molex Cables

AM3CM



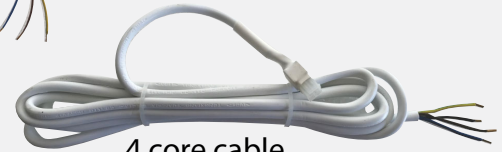
3 core cable

10M3CM



10 metre 3 core molex

AM4CM



4 core cable

## Solar Panel 3 Metre Extension Lead

Extends the difference between WSERD50 15/12 and TYB002 solar panel with battery storage.



## Molex Extenders

Extends the difference between Molex tail and motor.

4 core 20cm extension



4 core 60cm extension



## Manual Override Motor Accessories

### A3018 Crank Handle

This item is for manual override motors, and is 1.2m in length



### A3018-3 Crank Handle

This item is for manual override motors, and is 3m in length

### A3047 Eyelet



Optional 300mm length motor comes supplied with 100mm version







In Alpha's current range, we have no offering between 50Nm and 100Nm which is why there is such a large sudden jump in motor size.

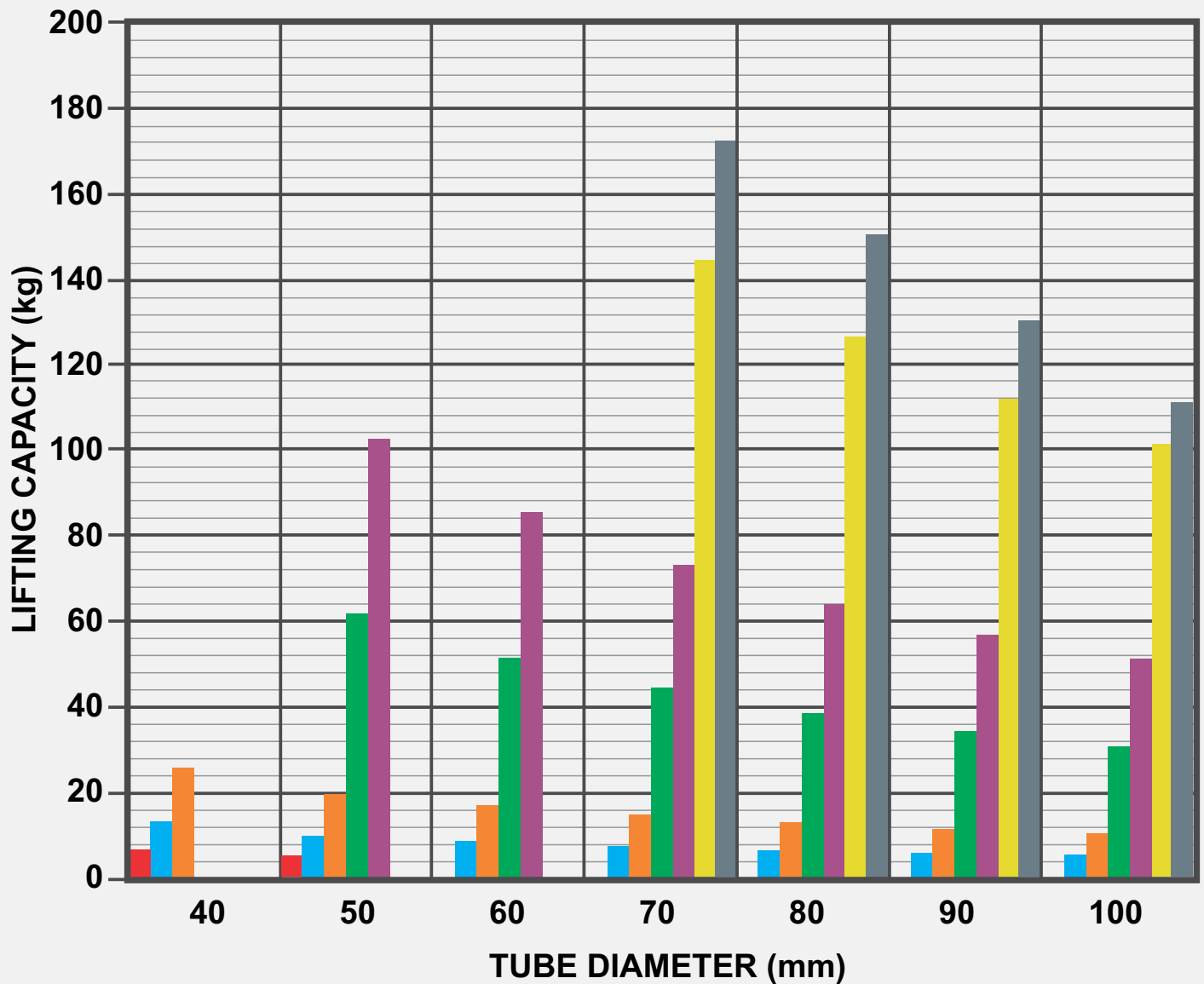
The RED 100Nm listings in the 70mm tube section below indicates that this motor is incompatible with a 70mm tube, due to its physical size.

## 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	100Nm
UP TO 3.0M PROJECTION	50Nm	50Nm	100Nm
UP TO 3.5M PROJECTION	50Nm	100Nm	100Nm
UP TO 4.0M PROJECTION	50Nm	100Nm	100Nm

## 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	100Nm
UP TO 2.5M PROJECTION	50Nm	50Nm	100Nm
UP TO 3.0M PROJECTION	50Nm	50Nm	100Nm
UP TO 3.5M PROJECTION	50Nm	100Nm	100Nm
UP TO 4.0M PROJECTION	50Nm	100Nm	100Nm



- 2Nm ■
- 5Nm ■
- 10Nm ■
- 30Nm ■
- 50Nm ■
- 100Nm ■
- 120Nm ■

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 left side.



**alpha**  
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