

ShawSmart™

MOTORISATION CATALOGUE

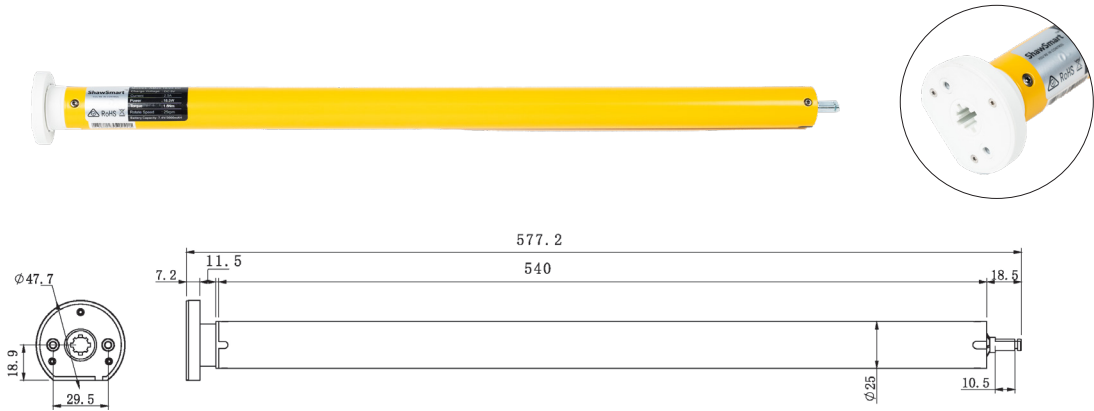


YOU'RE IN CONTROL

Australian owned and designed
shawperformancehardware.com

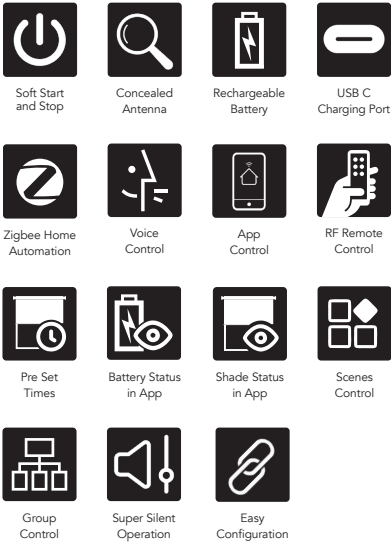
SHAWSMART AM28 1.8NM 25RPM DC INTERNAL TUBULAR MOTOR

The ShawSmart AM28 1.8/25 DC Tubular Motor is the perfect solution when it comes to a powerful DC motor. This cutting-edge solution is designed for smooth, quiet, and efficient operation. Featuring a long lasting built-in lithium-ion battery, making it ideal for installations where wiring to a power source is not possible.



FEATURES

- **Powerful Performance:**
Delivers 1.8Nm @ 25RPM ensuring reliable and efficient operation.
- **Recommended Use:**
Perfect to be partnered with small to medium roller blinds.
- **Easy Installation:**
No electrician required, simply recharge as necessary.
- **Ultra Quiet Operation:**
Operating volume of less than 40dB
- **Advanced Control:**
Operate using your ShawSmart remote control, or via Zigbee Smart Home Hub supported by the Tuya APP.
- **Reliable and Certified:**
Supported by 5 years warranty and certified by CE, CB, TUV, C-TICK, R&TTE, FCC, RoHS, C-UL-US, RCM and C-TUV-US Standards.



TECHNICAL SPECIFICATIONS

- Torque: 1.8 Nm
- Speed: 25 RPM
- Diameter: 28 mm
- Control: Built in Radio Receiver
- Length: 577 mm
- Voltage: 5 V DC
- Power: 11 W
- Current: 1.1A
- Protection Level: IP20
- Limit Switch: Electronic
- Zigbee: Yes
- Battery Life Expectancy : 6 Months

ACCESSORIES



APPLICATIONS

Ideal for use in roller blinds and sunshades, particularly in settings where a power supply is not easily accessible.

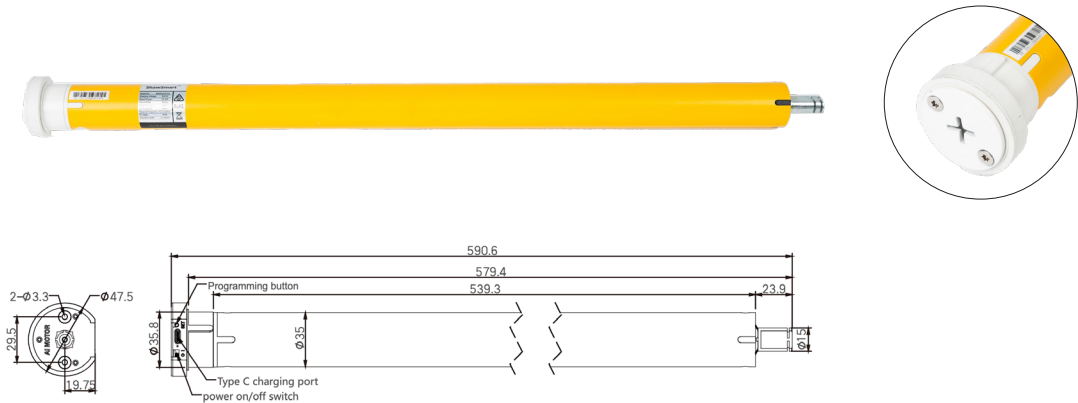


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SHAWSMART AM35 6NM 18RPM DC INTERNAL TUBULAR MOTOR

The ShawSmart AM35 6/18 DC Tubular Motor is the perfect solution when it comes to a powerful DC motor. This cutting-edge solution is designed for smooth, quiet, and efficient operation. Featuring a long lasting built-in lithium-ion battery, making it ideal for installations where wiring to a power source is not possible.



FEATURES

• Powerful Performance:

Delivers 6Nm @ 18RPM ensuring reliable and efficient operation.

• Recommended Use:

Perfect to be partnered with large roller blinds

• Easy Installation:

No electrician required, simply recharge as necessary.

• Ultra Quiet Operation:

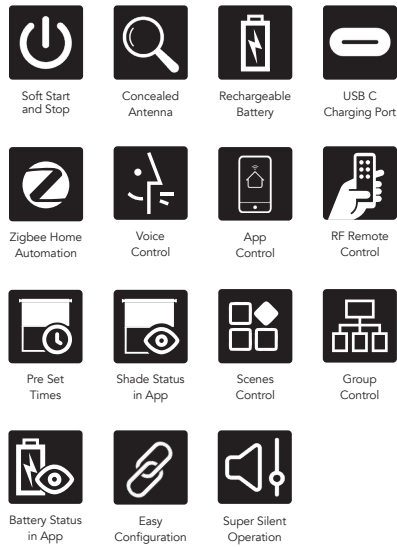
Operating volume of less than 40dB

• Advanced Control:

Operate using your ShawSmart remote control, or via Zigbee Smart Home Hubsupported by the Tuya APP.

• Reliable and Certified:

Supported by 5 years warranty and certified by CE, CB, TUV, C-TICK, R&TTE, FCC, RoHS, C-UL-US, and C-TUV-US Standards.



TECHNICAL SPECIFICATIONS

- Torque: 6 Nm
- Speed: 18 RPM
- Diameter : 35mm
- Noise Level: ≤40 dB
- Control: Built in Radio Receiver
- Length: 590mm
- Voltage: 14.8V DC
- Battery Type: Built-in Lithium-ion Battery
- Power: 36 W Protection
- Current: 3.0 A
- Protection Class: IP44
- Limit Switch: Electronic
- Zigbee: Yes

ACCESSORIES



Zigbee Smart Home Hub



RF Remotes



Crown and Drive Adaptors



LARGE ROLLER BLINDS

APPLICATIONS

Suitable for roller blinds, projection screens, and medium to large-sized roller blinds and shading systems

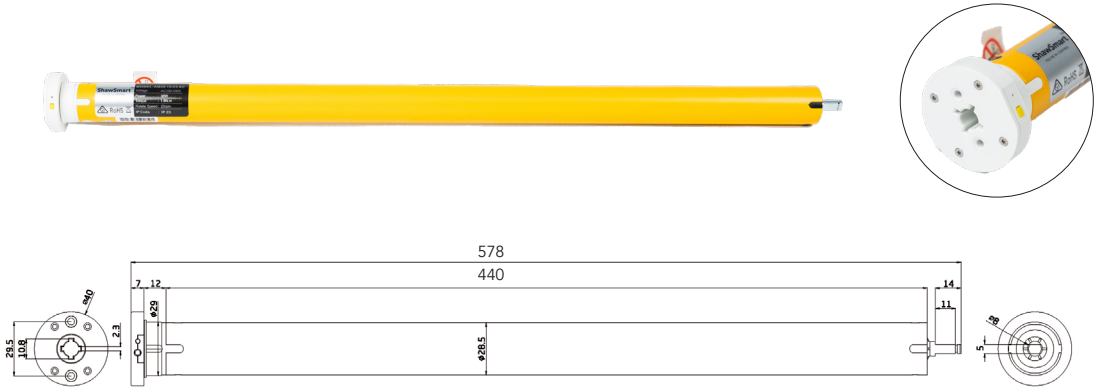


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SHAWSMART AM28 1.8NM 25RPM AC INTERNAL TUBULAR MOTOR

The ShawSmart AM28 1.8/25 AC tubular motor is an efficient and compact solution designed for small to medium-sized roller blinds and shading systems. With its advanced features and reliable performance, this motor is ideal for both residential and commercial applications.



FEATURES

• Powerful Performance:

Delivers 1.8Nm @ 25RPM ensuring reliable and efficient operation.

• Recommended Use:

Perfect to be partnered with small to medium roller blinds.

• Ultra Quiet Operation:

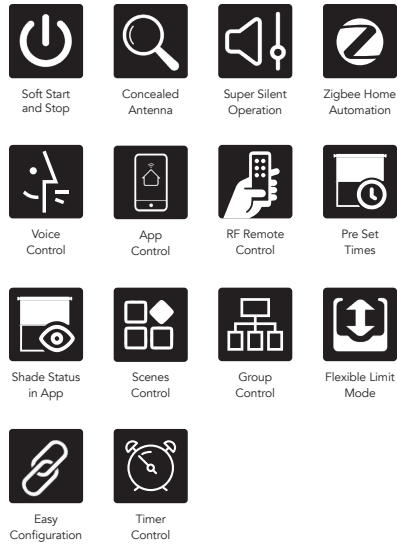
Operating volume of less than 40dB

• Advanced Control:

Operate using your ShawSmart remote control, or via Zigbee Smart Home Hub supported by the Tuya APP.

• Reliable and Certified:

Supported by 5 years warranty and certified by CE, CB, TUV, C-TICK, R&TTE, FCC, RoHS, C-UL-US, and C-TUV-US Standards.



TECHNICAL SPECIFICATIONS

- Torque: 1.8 Nm
- Speed: 25 RPM
- Diameter: 28 mm
- Noise Level: <40 dB
- Control: Built-in Radio Receiver
- Length: 578mm
- Voltage: 240 V
- Power: 200 W
- Current: 0.9 A
- Protection Class: IP44
- Limit Switch: Electronic
- Zigbee: Yes

ACCESSORIES



Zigbee Smart Home Hub



RF Remotes



Crown and Drive Adaptors



APPLICATIONS

The AM28 1.8/25 AC motor is perfect for small to medium-sized roller blinds and shading systems, providing reliable and efficient motorization for a range of applications.



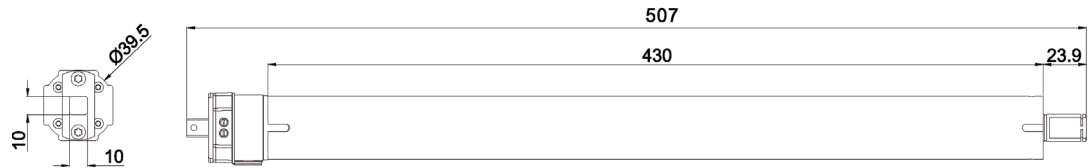


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SHAWSMART AM35 6NM 28RPM AC INTERNAL TUBULAR MOTOR


The ShawSmart AM35 6/28 AC Tubular Motor is engineered for efficient and quiet operation in a variety of applications, including motorized roller blinds, shades, projection screens, and other rolling applications. Designed with a focus on durability and performance, this motor ensures smooth and reliable operation for both residential and commercial environments.


FEATURES

- Powerful Performance:**
 Delivers 6Nm @ 28RPM ensuring reliable and efficient operation.
- Recommended Use:**
 Perfect to be partnered with large roller blinds.
- Ultra Quiet Operation:**
 Operating volume of less than 40dB
- Advanced Control:**
 Operate using your ShawSmart remote control, or via Zigbee Smart Home Hub supported by the Tuya APP.
- Reliable and Certified:**
 Supported by 5 years warranty and certified by CE, CB, TUV, C-TICK, R&TTE, FCC, RoHS, C-UL-US, RCM and C-TUV-US Standards.







Soft Start and Stop




Concealed Antenna




Rechargeable Battery




Zigbee Home Automation




Voice Control




App Control




RF Remote Control




Pre Set Times




Shade Status in App




Scenes Control



Group Control



Easy Configuration



Super Silent Operation

TECHNICAL SPECIFICATIONS

- Torque: 6Nm
- Speed: 28 RPM
- Diameter: 35mm
- Noise Level: <40 dB for quiet operation
- Control: Built in Radio Receiver
- Length: 507mm
- Voltage: 240 V
- Power: 115 W
- Current: 1.1A
- Protection Class: IP20
- Limit Switch: Electronic
- Zigbee: Yes
- Battery Life Expectancy : 6 Months

ACCESSORIES



Zigbee Smart Home Hub



RF Remotes



Crown and Drive Adaptors



LARGE ROLLER BLINDS

APPLICATIONS

Ideal for motorized roller blinds, electric shades, projection screens, and other rolling mechanisms in residential, commercial, and hospitality settings.

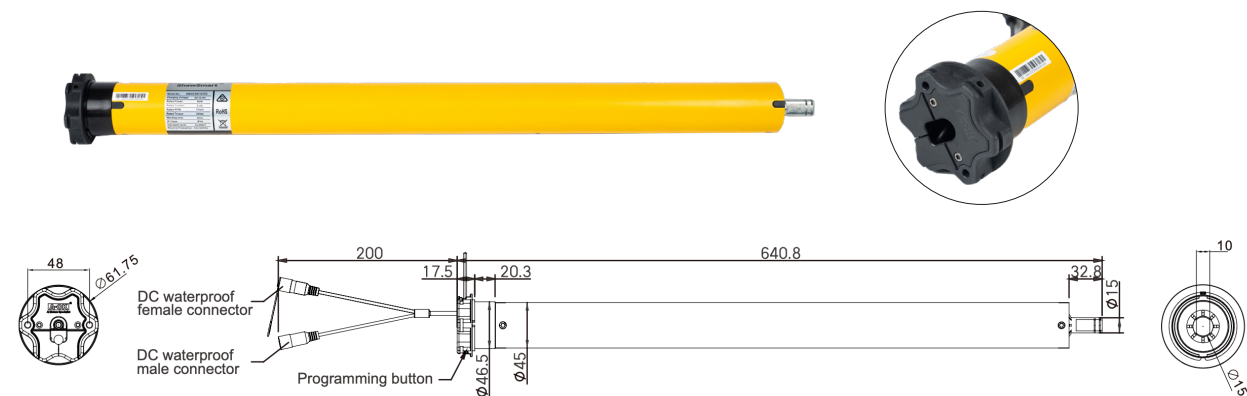


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SHAWSMART AM45 20NM 12RPM DC EXTERNAL TUBULAR MOTOR

The ShawSmart AM45 20/12 DC tubular motor is a robust and reliable solution designed for your external awning and various shading systems. This DC motor features a long lasting built-in lithium-ion battery, making it an ideal choice for modern automated shading solutions where a power source is not possible.



FEATURES

Powerful Performance:
Delivers 20Nm @ 12RPM ensuring reliable and efficient operation.

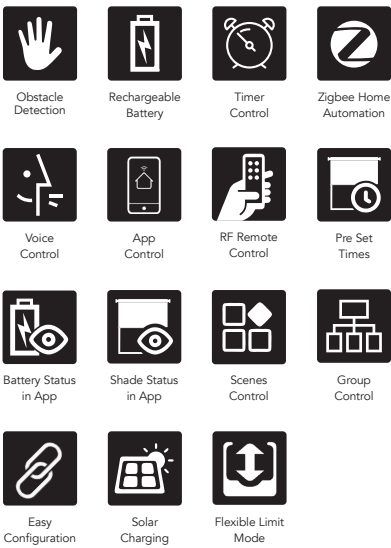
Recommended Use:
Perfect to be partnered with ZipGrip and all Zip Blinds, Straight Drops, Deep Channel and Wire Guide Awnings

Easy Installation:
No electrician required, simply recharge as necessary.

Ultra Quiet Operation:
Operating volume of less than 45dB

Advanced Control:
Operate using your ShawSmart remote control, or via Zigbee Smart Home Hub supported by the Tuya APP.

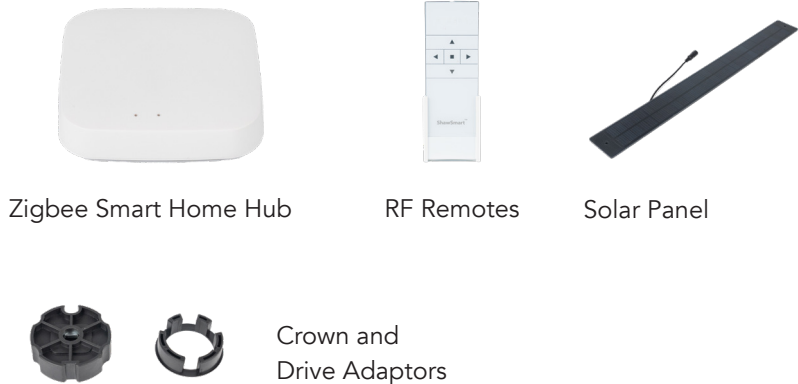
Reliable and Certified:
Supported by 5 years warranty and certified by CE, CB, TUV, C-TICK, R&TTE, FCC, RoHS, C-UL-US, RCM and C-TUV-US Standards.



TECHNICAL SPECIFICATIONS

- Torque: 20 Nm
- Speed: 12 RPM
- Diameter: 45mm
- Control: Built in Radio Receiver
- Length: 640mm
- Voltage: 12 V DC
- Power: 60 W
- Current: 5A
- Protection Class: IP44 Key
- Limit Switch: Electronic
- Zigbee: Yes
- Battery Life Expectancy : 6 Months
- Obstacle Detection : Yes

ACCESSORIES



APPLICATIONS

The AM45 20/12 DC motor is perfect for ZipGrip, Deepsides and other external awnings. Offering reliable and efficient motorization for a range of shading systems.

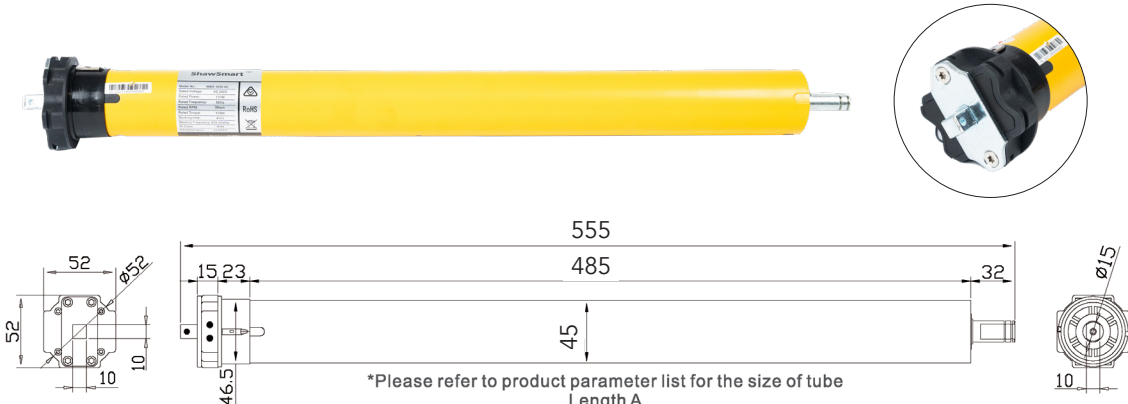


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SHAWSMART AM45 10NM 30RPM
AC EXTERNAL TUBULAR MOTOR

The ShawSmart AM45 10/30 AC tubular motor is specifically designed to offer reliable and efficient automation for various shading and screen applications. This motor combines quiet operation, precise control, and robust performance, making it a versatile solution for both residential and commercial automation needs.



FEATURES

- **Powerful Performance:**

Delivers 10Nm @ 30RPM ensuring reliable and efficient operation.

- **Recommended Use:**

Perfect to be partnered with ZipGrip and all Zip Blinds, Straight Drops and Wire Guide Awnings.

- **Ultra Quiet Operation:**

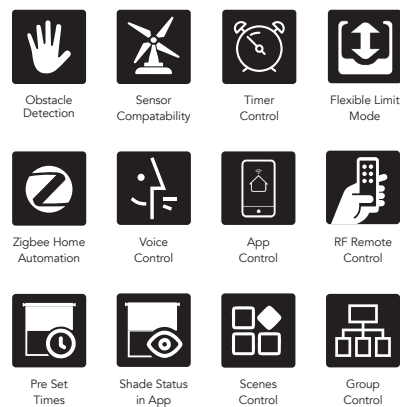
Operating volume of less than 40dB.

- **Advanced Control:**

Operate using your ShawSmart remote control, or via Zigbee Smart Home Hub Smart Home Hub supported by the Tuya APP.

- **Reliable and Certified:**

Supported by 5 years warranty and certified by CE, CB, TUV, C-TICK, R&TTE, FCC, RoHS, C-UL-US, RCM and C-TUV-US Standards.



TECHNICAL SPECIFICATIONS

- Torque: 10 Nm
- Speed: 30 RPM
- Diameter: 45 mm
- Noise Level: <40 dB
- Control: Built in Receiver
- Length: 545mm
- Voltage: 240V AC
- Power: 170W
- Current: 0.735A
- Protection Class: IP44
- Limit Switch: Electronic
- Zigbee: Yes
- Braking Design: Double-sided, patented design

ACCESSORIES

Zigbee Smart Home Hub



RF Remotes



Crown and Drive Adaptors

APPLICATIONS

Suitable for ZipGrip Awnings and Outdoor Blinds.

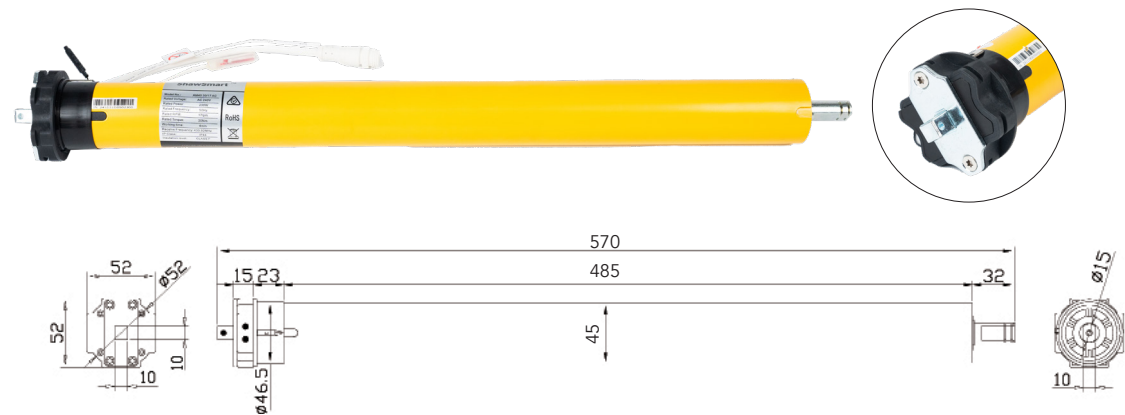


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SHAWSMART AM45 30NM 17RPM AC EXTERNAL TUBULAR MOTOR

The ShawSmart AM45 30/17 AC tubular motor is engineered for precision and performance, offering seamless automation for a variety of shading solutions. Here are the key technical specifications and features:



FEATURES

• Powerful Performance:

Delivers 30Nm @ 17RPM ensuring reliable and efficient operation.

• Recommended Use:

Perfect to be partnered with ZipGrip and all Zip Blinds, Straight Drops and Wire Guide Awnings.

• Ultra Quiet Operation:

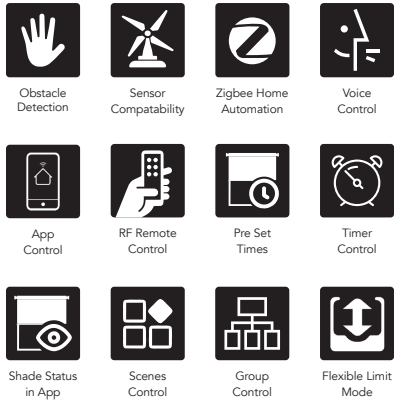
Operating volume of less than 45dB.

• Advanced Control:

Operate using your ShawSmart remote control, or via Zigbee Smart Home Hub supported by the Tuya APP.

• Reliable and Certified:

Supported by 5 years warranty and certified by CE, CB, TUV, C-TICK, R&TTE, FCC, RoHS, C-UL-US, RCM and C-TUV-US Standards.



TECHNICAL SPECIFICATIONS

- Torque: 30 Nm
- Speed: 17 RPM
- Diameter: 45 mm
- Noise Level: <45 dB
- Control: Built-in Radio Receiver
- Length: 570mm
- Obstacle Detection: Yes
- Voltage: 240 V
- Power: 200 W
- Current: 0.9 A
- Protection Class: IP44
- Limit Switch: Electronic
- Zigbee: Yes

ACCESSORIES



Zigbee Smart Home Hub



RF Remotes



Crown and Drive Adaptors



OUTDOOR BLINDS

APPLICATIONS

Ideal for medium to large straight drop awnings, side retention systems and other shading systems. Suitable for residential homes and commercial buildings, ensuring enhanced convenience and energy efficiency.



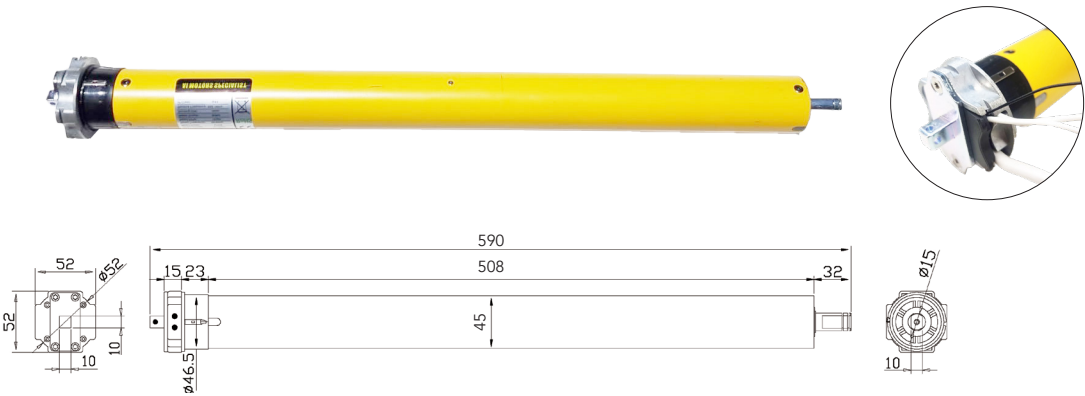
ZipGrip

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SHAWSMART AM45 50NM 12RPM AC EXTERNAL TUBULAR MOTOR

The ShawSmart AM45 50/12 AC tubular motor is designed for high-performance applications, delivering powerful and efficient operation for a variety of shading and awning systems. Ideal for both residential and commercial use, this motor integrates advanced features to ensure reliability and ease of use.



FEATURES

• Powerful Torque:

Delivers 50Nm @ 12RPM ensuring reliable and efficient operation.

• Recommended Use:

Perfect to be partnered with Folding Arm Awnings or larger ZipGrip Awnings.

• Ultra Quiet Operation:

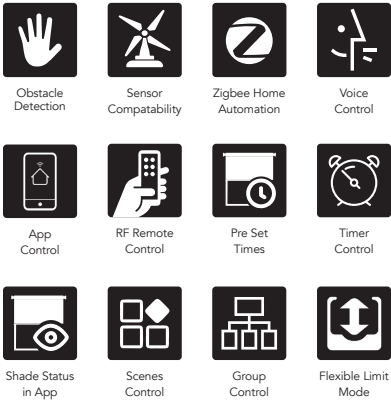
Operating volume of less than 45dB.

• Advanced Control:

Operate using your ShawSmart remote control, or via Zigbee Smart Home Hub supported by the Tuya APP.

• Reliable and Certified:

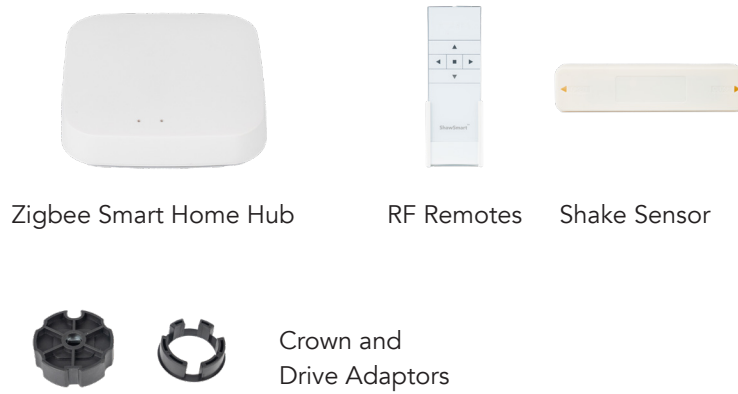
Supported by 5 years warranty and certified by CE, CB, TUV, C-TICK, R&TTE, FCC, RoHS, C-UL-US, RCM and C-TUV-US Standards.



TECHNICAL SPECIFICATIONS

- Torque: 50 Nm
- Speed: 12 RPM
- Diameter: 45 mm
- Noise Level: Under 45 dB
- Control: Built in radio receiver
- Length: 590 mm
- Voltage: 240 V
- Power: 250 W
- Current: 1.1A
- Protection Class: IP44
- Limit Switch: Electronic and torque sensing.
- Zigbee: Yes

ACCESSORIES



APPLICATIONS

Ideal for medium to large-sized straight drop awnings, Folding Arm Awnings, Zipgrip + Side Retention System and other shading systems. Suitable for residential homes and commercial buildings, ensuring enhanced convenience and energy efficiency.

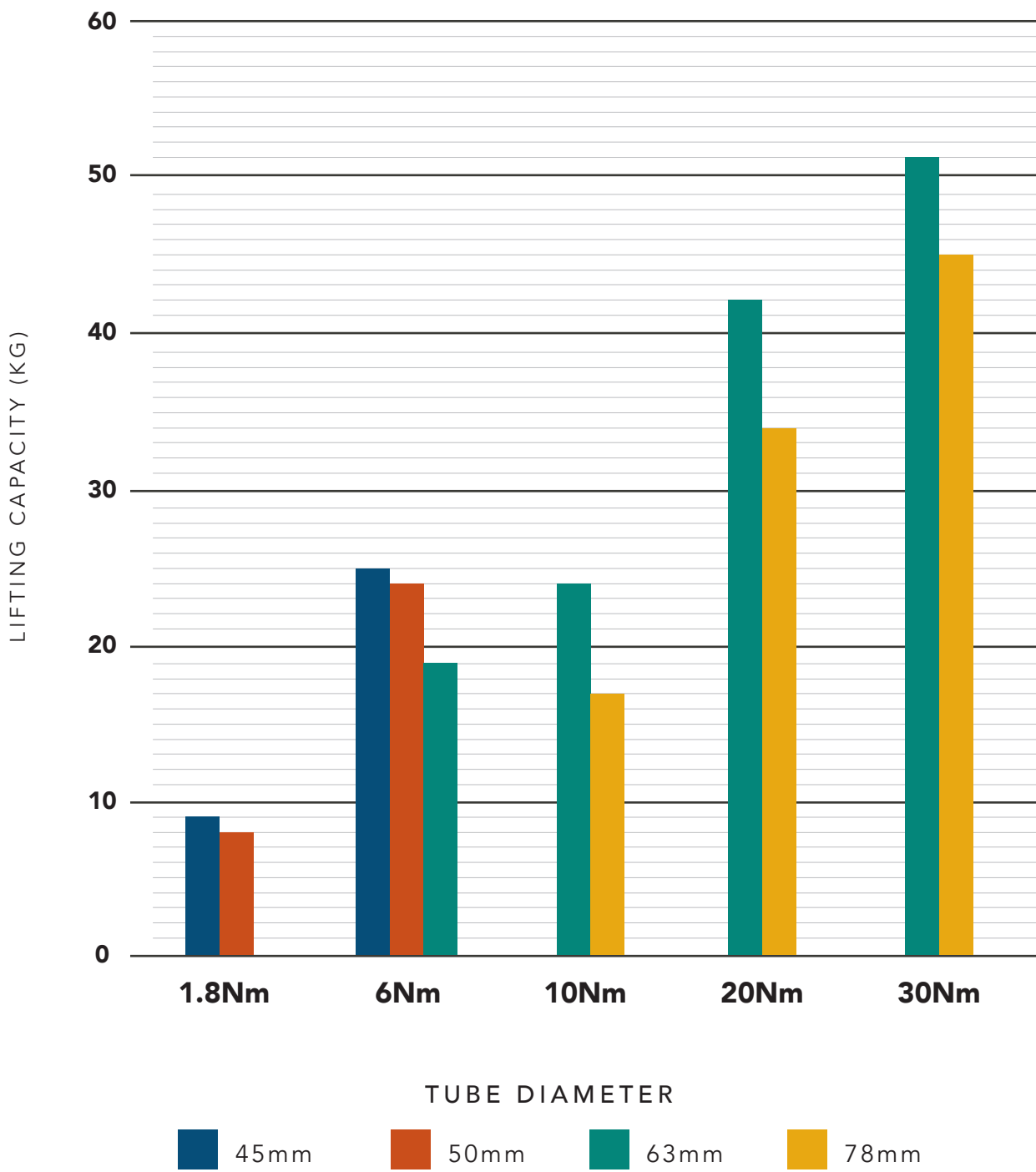


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LIFTING CAPACITY

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.



*The ShawSmart AM45 50/12 motor is perfect for all Folding Arm Awning applications up to 7mtrs in width. For anything larger, please check with the Folding Arm Awning manufacturer.

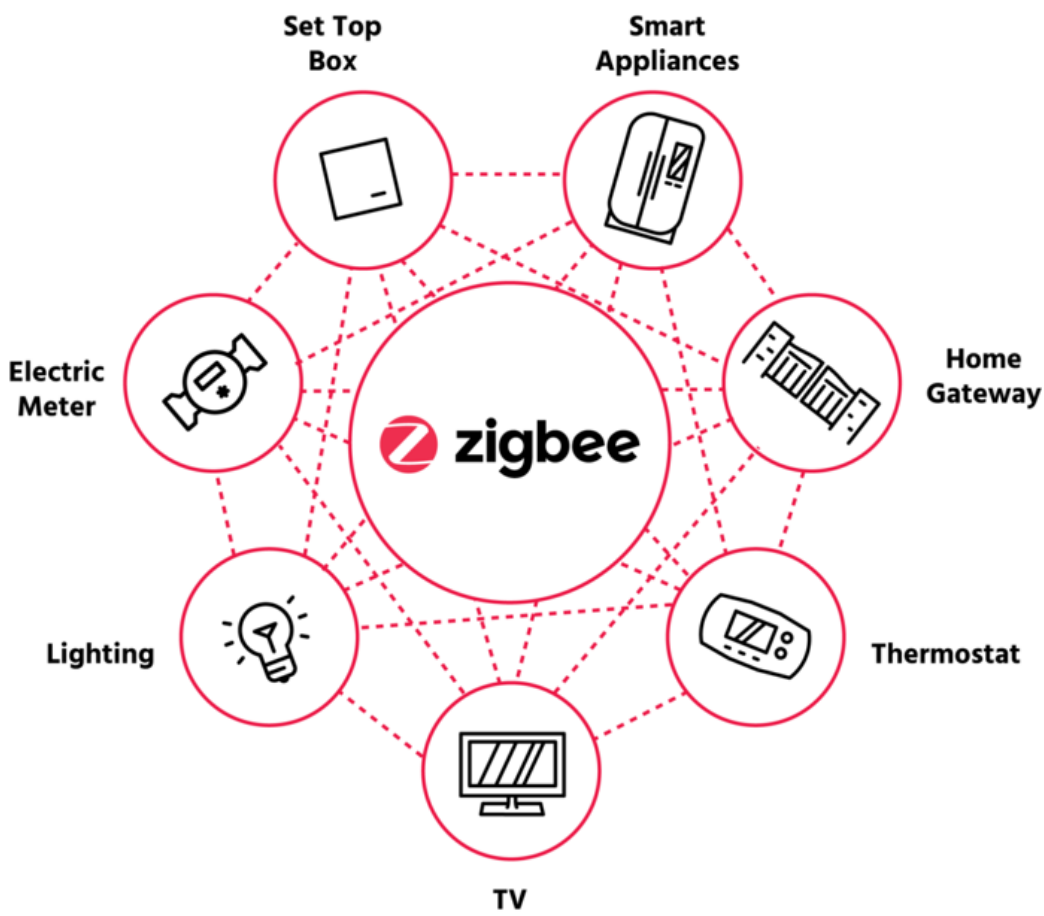
ZIGBEE

HOME CONNECTION WITH ZIGBEE 3.0

The ShawSmart motors are designed to integrate into your smart home seamlessly. With a market dominated by the Zigbee network, supporting products ranging from lightbulbs to security, power sockets to thermostats, your new blind motor will fit in effortlessly.

The Zigbee 3.0 mesh network is low power and energy efficient, so it is no wonder large corporations like IKEA, Phillips and Samsung use and manufacture products around it. Not to mention up to 65,000 products can be on a single network at one time. This really is connectivity of lifestyle.

Control via the “Tuya Smart” app available on iOS and Android app stores. Then take advantage of voice control over your blinds and setting timers to wake up in your own time. This will also allow you to check in on battery life of your DC motors.



To download the Tuya Smart app
Scan the QR Code for iOS or Android platforms.

