

AM45 Tubular Motor

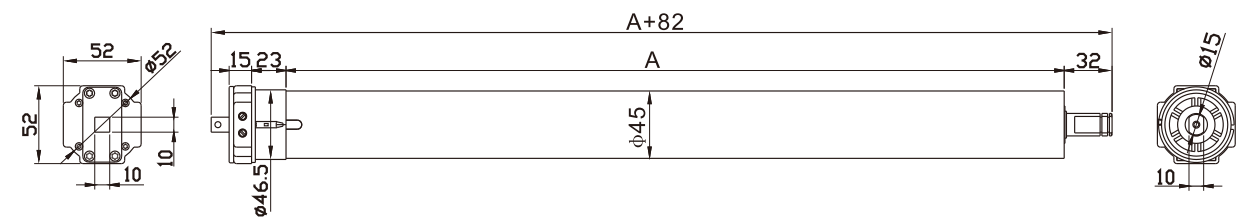


AM45 Super Quiet DC Standard Tubular Motor

AM45 super quiet DC standard tubular Motor is mainly used for interior roller blinds, pleated blinds, projection screen etc, also with good effect to be installed in small and middle size aluminum and wooden venetian blinds. Low voltage motor powered by DC power or solar power supply, suitable applied for windows lack of electricity layout, simple installation and energy saving.

Motor Dimensions

Please refer to product parameter list for the size of tube length A



Optional limit heads and drive shafts



Standard limit head

Fast installing type limit head

A type drive shaft

Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-10/30-D	10N.m	30rpm	45mm	482mm	DC14V	39W	3.8A	IP44
AM45-20/20-D	20N.m	20rpm	45mm	482mm	DC14V	80W	2.7A	IP44
AM45-40/12-D	40N.m	12rpm	45mm	482mm	DC14V	110W	10.0A	IP44

- ✔ DC power supply
- ✔ Mechanical limit
- ✔ Super quiet design
- ✔ Support central control

- ❖ Leading super quiet technology with patent
- ❖ Quiet running, lower to 30dB
- ❖ Accurate limits, repeated limit accuracy can reach $\pm 2^\circ$
- ❖ Maximum limit circle 55 turns
- ❖ DC power supply, low consumption, continuous working without thermal protection restrictions
- ❖ Double sided brake structure with patent
- ❖ DC power or solar power supply, energy saving

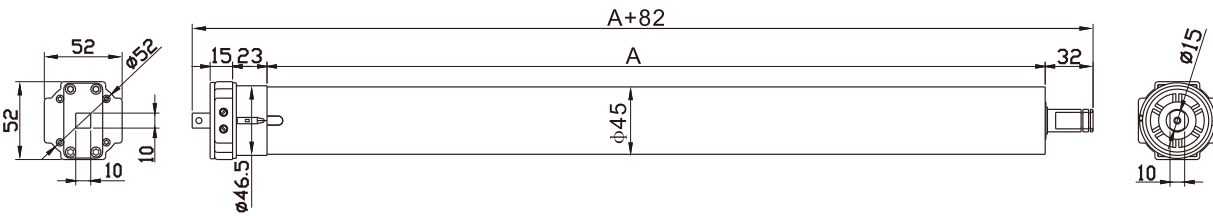
AM45 DC built-in Radio Tubular Motor

AM45 DC built-in radio tubular motor applied for the place with succinct environment that do not show the receiver outside, work with A-OK intelligent controls to freely operate window shades to get comfort.



Motor Dimensions

Please refer to product parameter list for the size of tube length A



Optional limit heads and drive shafts



Standard limit head

Fast installing type limit head

A type drive shaft

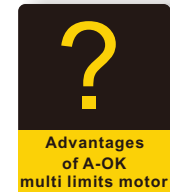
Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-10/30-DE	10N.m	30rpm	45mm	482mm	DC14V	39W	3.8A	IP44
AM45-20/20-DE	20N.m	20rpm	45mm	482mm	DC14V	80W	6.7A	IP44
AM45-40/12-DE	40N.m	12rpm	45mm	482mm	DC14V	110W	10.0A	IP44

- ✔ DC power supply
- ✔ Mechanical limit
- ✔ Built-in radio receiver
- ✔ Tilting to adjust light
- ✔ Support central control

- ❖ DC power supply, saving energy
- ❖ Quiet design, lower to 45dB
- ❖ Accurate limits, repeated limit accuracy can reach $\pm 2^\circ$
- ❖ Maximum limit circle 55 turns
- ❖ DC power supply, low consumption, continuous working without thermal protection restrictions
- ❖ Double sided brake structure with patent
- ❖ Built-in receiver, simpler installation and stable performance
- ❖ High impact resistant relay, industrial-grade CPU, working temperature $-40\text{--}+85^\circ\text{C}$
- ❖ Accurate SMT assembly, damp-proof treatment on surface
- ❖ High anti-interference, receive sensibility -110dBm
- ❖ Able to connect with solar panel

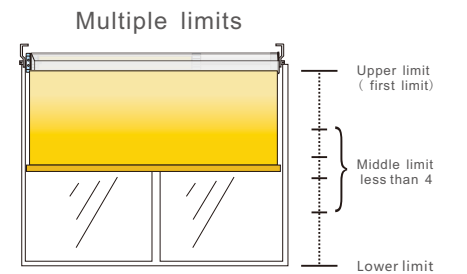
AM45 Multiple Electronic Limits DC Tubular Motor



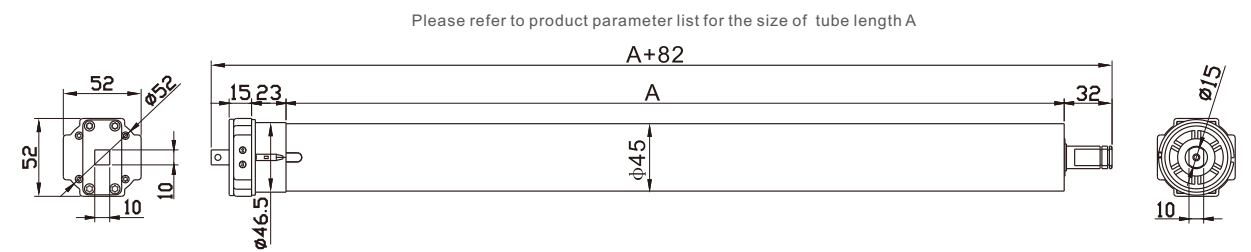
Do you still have a trouble with your motor because it doesn't have enough limit positions? Try A-OK multi limit motor and guide you an easy and comfortable life.

Highlight advantages:

1. Total 6 limit positions, 4 additional limit positions than common motor
2. There is no location limit. wherever you prefer, just set it by emitter in your hand.
3. Can be applied to more different types of curtains, use more humane



Motor Dimensions



Optional limit heads and drive shafts



- DC power supply
- Electronic limit
- Built-in radio receiver
- Tilting to adjust light
- Support central control

- ❖ DC power supply, saving energy
- ❖ Quiet design, lower to 45dB
- ❖ Accurate limits, repeated limit accuracy can reach $\pm 2^\circ$
- ❖ Maximum limit circle 55 turns
- ❖ DC power supply, low consumption, continuous working without thermal protection restrictions
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- ❖ High impact resistant relay, industrial-grade CPU, working temperature $-40\text{--}+85^\circ\text{C}$
- ❖ Accurate SMT assembly, damp-proof treatment on surface
- ❖ High anti-interference, receive sensibility -110dBm
- ❖ Able to connect with solar panel

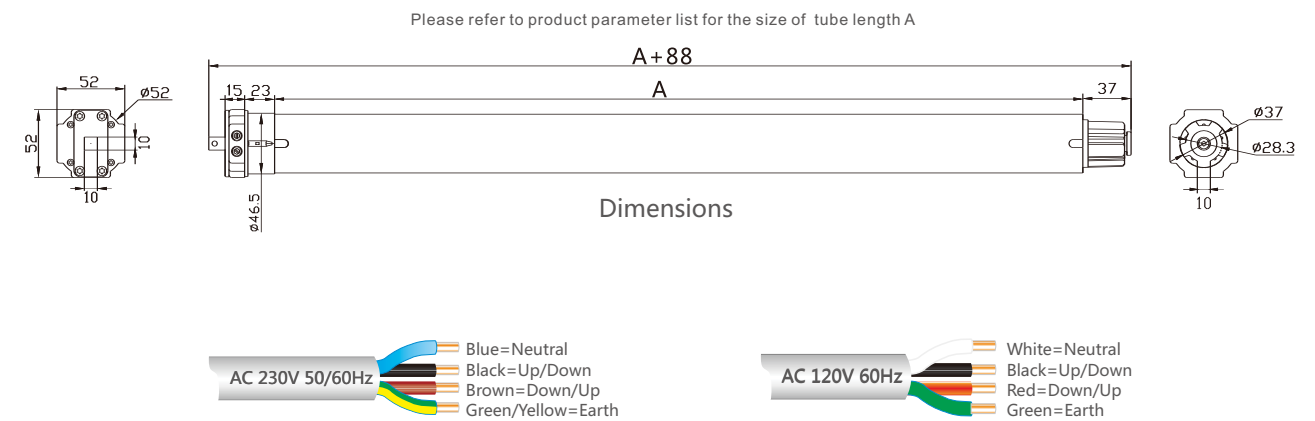
Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube length A	Rated Voltage	Rated Power	Rated Current	IP Class
AM45-10/30-DMEL	10N.m	30rpm	45mm	482mm	DC14V	39W	3.8A	IP44
AM45-20/20-DMEL	20N.m	20rpm	45mm	482mm	DC14V	80W	6.7A	IP44
AM45-40/12-DMEL	40N.m	12rpm	45mm	482mm	DC14V	110W	10.0A	IP44

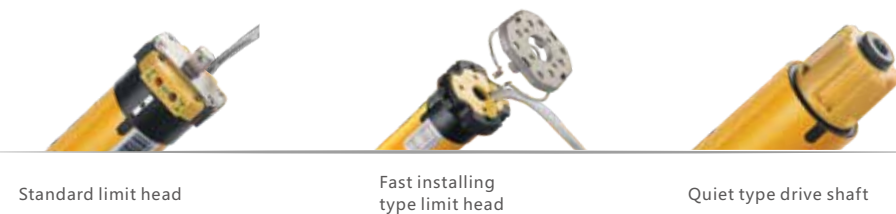
AM45 Super Quiet Tubular Motor

AM45 super quiet tubular motor mainly used for interior roller blinds, pleated blinds, projection screen etc, also with good effect to be installed in small and middle size aluminum and wooden venetian blinds. Work with all kinds of A-OK intelligent controllers, simple installation and operation.

Motor Dimensions



Optional limit heads and drive shafts



Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube length A	Rated Voltage	Rated Power	Rated Current	IP Class
AC230V 50/60Hz								
AM45-3/28-Q	3N.m	28rpm	45mm	620mm	230V	85W	0.38A	IP44
AM45-6/28-Q	6N.m	28rpm	45mm	620mm	230V	115W	0.485A	IP44
AM45-8/19-Q	8N.m	19rpm	45mm	620mm	230V	115W	0.485A	IP44
AC120V 60Hz								
AM45-3/28-Q	3N.m	28rpm	45mm	620mm	120V	120W	1.0A	IP44
AM45-6/28-Q	6N.m	28rpm	45mm	620mm	120V	130W	1.1A	IP44
AM45-8/19-Q	8N.m	19rpm	45mm	620mm	120V	130W	1.1A	IP44



Patent No.201020299129.4

- AC power supply
- Mechanical limit
- Super quiet design
- Support central control

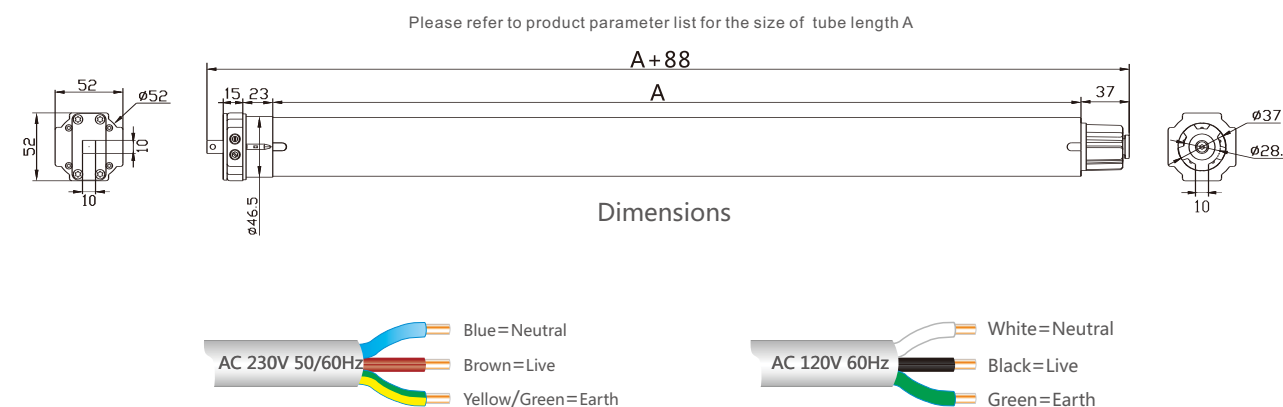
- ❖ Leading quiet technology with patent
- ❖ Quiet running, lower to 30dB
- ❖ Maximum limit circle 55 turns

- ❖ Accurate limits, repeated limit accuracy can reach $\pm 2^\circ$
- ❖ Unique power output structure, reduces vibration noise

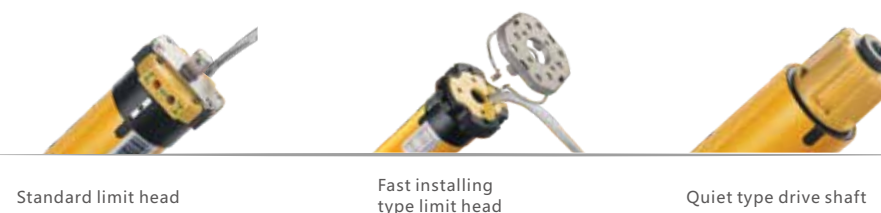
AM45 Built-in Radio Super Silent Tubular Motor

AM45 built-in radio super silent tubular motor is mainly used for high-end projection screen, roller blinds etc, bring you quiet, comfort environment.

Motor Dimensions



Optional limit heads and drive shafts



Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube length A	Rated Voltage	Rated Power	Rated Current	IP Class
AC230V 50/60Hz								
AM45-3/28-QE	3N.m	28rpm	45mm	720mm	230V	85W	0.38A	IP44
AM45-6/28-QE	6N.m	28rpm	45mm	720mm	230V	115W	0.485A	IP44
AM45-8/19-QE	8N.m	19rpm	45mm	720mm	230V	115W	0.485A	IP44
AC120V 60Hz								
AM45-3/28-QE	3N.m	28rpm	45mm	720mm	120V	120W	1.0A	IP44
AM45-6/28-QE	6N.m	28rpm	45mm	720mm	120V	130W	1.1A	IP44
AM45-8/19-QE	8N.m	19rpm	45mm	720mm	120V	130W	1.1A	IP44

- AC power supply
- Mechanical limit
- Built-in radio receiver
- Quiet design
- Support central control
- Tilting to adjust light

- ❖ Quiet design with patent, lower to 35dB
- ❖ Unique power output design with enough tolerance, ensures high performance running
- ❖ Accurate limits, repeated limit accuracy can reach $\pm 2^\circ$
- ❖ Maximum limit circle 55 turns
- ❖ Double sided brake structure with patent
- ❖ Built-in receiver, simpler installation and stable performance
- ❖ High impact resistant relay, industrial-grade CPU, working temperature $-40\text{--}+85^\circ\text{C}$
- ❖ Superheterodyne receive module with high sensitivity -110dBm

Patent No.201020299129.4

AM45 Multiple Electronic Limit Super Quiet Tubular Motor

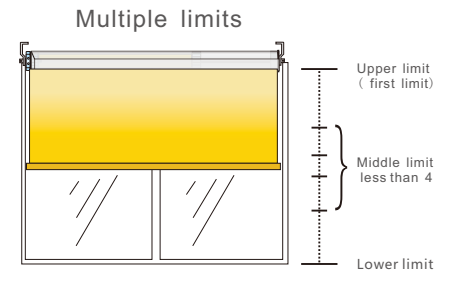


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Advantages of A-OK multi limits motor

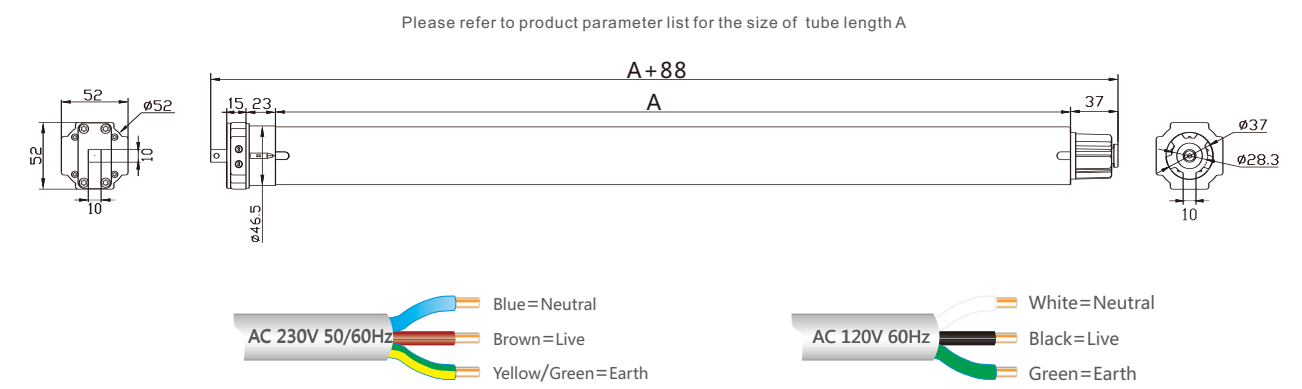
Do you still have a trouble with your motor because it doesn't have enough limit positions? Try A-OK multi limit motor and guide you an easy and comfortable life.

Highlight advantages:

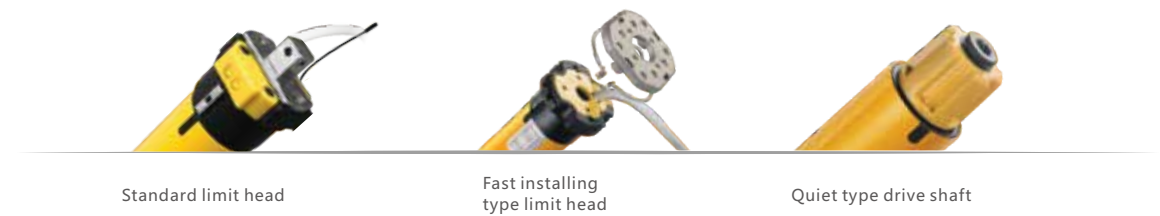
1. Total 6 limit positions, 4 additional limit positions than common motor
2. There is no location limit, wherever you prefer, just set it by emitter in your hand.
3. Can be applied to more different types of curtains, use more humane



Motor Dimensions



Optional limit heads and drive shafts



- ✓ AC power supply
- ✓ Electronic limit
- ✓ Built-in radio receiver
- ✓ Tilting to adjust light
- ✓ Multiple limits setting
- ✓ Quiet design
- ✓ Support central control

- ❖ Super quiet design with patent, lower to 35dB
- ❖ Unique power output design with enough tolerance, ensures high performance running
- ❖ Accurate limits, repeated limit accuracy can reach $\pm 2^\circ$
- ❖ High anti-interference, receiving sensibility -110dBm
- ❖ Set limit positions by remote, suitable for inconvenient applications, such as higher installation places
- ❖ Stopping by block function protects objects and users from danger
- ❖ Multiple limits to meet with various applications
- ❖ Pair of hall sensor collects pulse data of rotators to ensure the accurate limits
- ❖ Built in control board covered by sealed plastic box to reduce electromagnetic interference

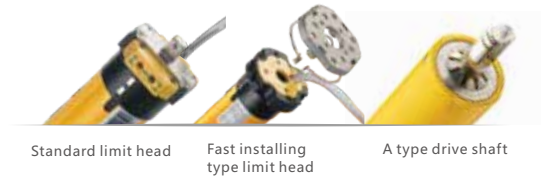
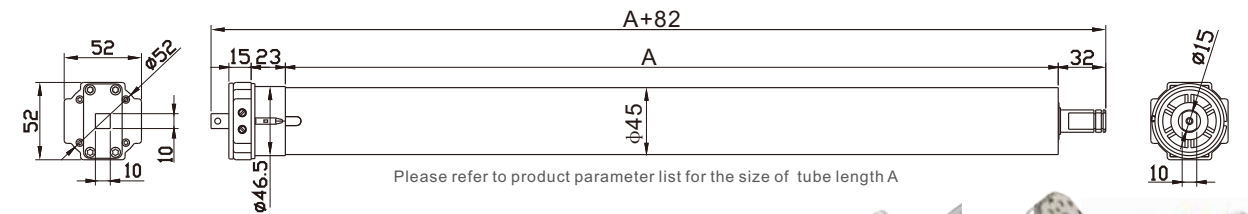
Parameters

AC230V 50/60Hz									
AM45-6/28-QMEL	6N.m	28rpm	45mm	630mm	230V	115W	0.485A	IP44	
AM45-8/19-QMEL	8N.m	19rpm	45mm	630mm	230V	115W	0.485A	IP44	
AC120V 60Hz									
AM45-6/28-QMEL	6N.m	28rpm	45mm	630mm	120V	130W	1.1A	IP44	
AM45-8/19-QMEL	8N.m	19rpm	45mm	630mm	120V	130W	1.1A	IP44	

AM45 Standard Tubular Motor

AM45 standard tubular motor applied to small and middle size roller blinds, roller shutters, awnings, big size project screen, venetian blinds etc. Work with A-OK intelligent control system, customer can freely choose switch control, RF control, timer control and smart control etc.

Motor Dimensions



Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube length A	Rated Voltage	Rated Power	Rated Current	IP Class
AC230V 50/60Hz								
AM45-10/17	10N.m	17rpm	45mm	440mm	230V	135W	0.6A	IP44
AM45-15/17	15N.m	17rpm	45mm	440mm	230V	135W	0.6A	IP44
AM45-20/12	20N.m	12rpm	45mm	440mm	230V	135W	0.6A	IP44
AM45-10/30	10N.m	30rpm	45mm	482mm	230V	170W	0.735A	IP44
AM45-15/30	15N.m	30rpm	45mm	502mm	230V	200W	0.89A	IP44
AM45-20/30	20N.m	30rpm	45mm	520mm	230V	250W	1.089A	IP44
AM45-20/17	20N.m	17rpm	45mm	482mm	230V	170W	0.735A	IP44
AM45-30/17	30N.m	17rpm	45mm	502mm	230V	200W	0.89A	IP44
AM45-30/12	30N.m	12rpm	45mm	482mm	230V	190W	0.83A	IP44
AM45-40/12	40N.m	12rpm	45mm	502mm	230V	200W	0.89A	IP44
AM45-50/12	50N.m	12rpm	45mm	520mm	230V	250W	1.089A	IP44
AM45-65/12	65N.m	12rpm	45mm	540mm	230V	330W	1.52A	IP44
AC120V 60Hz								
AM45-10/17	10N.m	17rpm	45mm	440mm	120V	135W	1.15A	IP44
AM45-15/17	15N.m	17rpm	45mm	440mm	120V	135W	1.15A	IP44
AM45-20/12	20N.m	12rpm	45mm	440mm	120V	135W	1.15A	IP44
AM45-10/30	10N.m	30rpm	45mm	482mm	120V	170W	1.4A	IP44
AM45-15/30	15N.m	30rpm	45mm	502mm	120V	200W	1.7A	IP44
AM45-20/30	20N.m	30rpm	45mm	520mm	120V	300W	2.50A	IP44
AM45-20/17	20N.m	17rpm	45mm	482mm	120V	170W	1.4A	IP44
AM45-30/17	30N.m	17rpm	45mm	502mm	120V	200W	1.7A	IP44
AM45-30/12	30N.m	12rpm	45mm	482mm	120V	170W	1.4A	IP44
AM45-40/12	40N.m	12rpm	45mm	502mm	120V	200W	1.7A	IP44
AM45-50/12	50N.m	12rpm	45mm	520mm	120V	300W	2.50A	IP44

- AC power supply
- Mechanical limit
- Quiet design
- Support central control

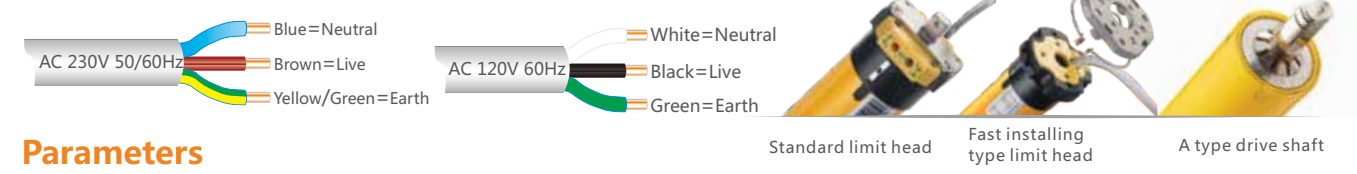
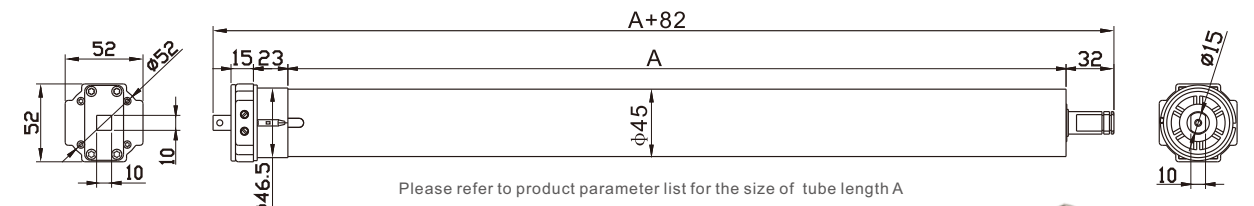
- ❖ Quiet design, lower to 45dB
- ❖ Accurate limits, repeated limit accuracy can reach ±2°
- ❖ Double sided brake structure with patent
- ❖ Maximum limit circle 55 turns



AM45 Built-in Radio Tubular Motor

AM45 built-in radio tubular motor suitable for applied for the simpler installation not permit external controllers shown outside, mainly applied for small and middle size roller shutter, roller blinds, awnings, big size projection screen, venetian blinds etc.

Motor Dimensions



Parameters

Model No.	Rated Torque	Rated RPM	Motor Diameter	Tube length A	Rated Voltage	Rated Power	Rated Current	IP Class
AC230V 50/60Hz								
AM45-10/17-E	10N.m	17rpm	45mm	540mm	230V	135W	0.6A	IP44
AM45-15/17-E	15N.m	17rpm	45mm	540mm	230V	135W	0.6A	IP44
AM45-20/12-E	20N.m	12rpm	45mm	540mm	230V	135W	0.6A	IP44
AM45-10/30-E	10N.m	30rpm	45mm	585mm	230V	170W	0.735A	IP44
AM45-15/30-E	15N.m	30rpm	45mm	600mm	230V	200W	0.89A	IP44
AM45-20/30-E	20N.m	30rpm	45mm	620mm	230V	250W	1.089A	IP44
AM45-20/17-E	20N.m	17rpm	45mm	585mm	230V	170W	0.735A	IP44
AM45-30/17-E	30N.m	17rpm	45mm	600mm	230V	200W	0.89A	IP44
AM45-30/12-E	30N.m	12rpm	45mm	585mm	230V	190W	0.83A	IP44
AM45-40/12-E	40N.m	12rpm	45mm	600mm	230V	200W	0.89A	IP44
AM45-50/12-E	50N.m	12rpm	45mm	620mm	230V	250W	1.089A	IP44
AM45-65/12-E	65N.m	12rpm	45mm	640mm	230V	330W	1.52A	IP44
AC120V 60Hz								
AM45-10/17-E	10N.m	17rpm	45mm	540mm	120V	135W	1.15A	IP44
AM45-15/17-E	15N.m	17rpm	45mm	540mm	120V	135W	1.15A	IP44
AM45-20/12-E	20N.m	12rpm	45mm	540mm	120V	135W	1.15A	IP44
AM45-10/30-E	10N.m	30rpm	45mm	585mm	120V	170W	1.4A	IP44
AM45-15/30-E	15N.m	30rpm	45mm	600mm	120V	200W	1.7A	IP44
AM45-20/30-E	20N.m	30rpm	45mm	620mm	120V	300W	2.50A	IP44
AM45-20/17-E	20N.m	17rpm	45mm	585mm	120V	170W	1.4A	IP44
AM45-30/17-E	30N.m	17rpm	45mm	600mm	120V	200W	1.7A	IP44
AM45-30/12-E	30N.m	12rpm	45mm	585mm	120V	170W	1.4A	IP44
AM45-40/12-E	40N.m	12rpm	45mm	600mm	120V	200W	1.7A	IP44
AM45-50/12-E	50N.m	12rpm	45mm	620mm	120V	300W	2.50A	IP44



- AC power supply
- Mechanical limit
- Built-in radio receiver
- Tilting to adjust light
- Smart controls

- ❖ Quiet design, lower to 45dB
- ❖ Accurate limits, repeated limit accuracy can reach ±2°
- ❖ Maximum limit circle 55 turns
- ❖ Double sided brake structure with petent
- ❖ High anti-interference, receiving sensibility -110dBm
- ❖ Built-in receiver, simpler installation and stable performance
- ❖ High impact resistant relay, industrial-grade CPU, working temperature -40~+85°C
- ❖ Accurate SMT assembly, damp-proof treatment on surface