

# Tubular Motor



# DOOYA®

TUBULAR MOTOR

## DM45E

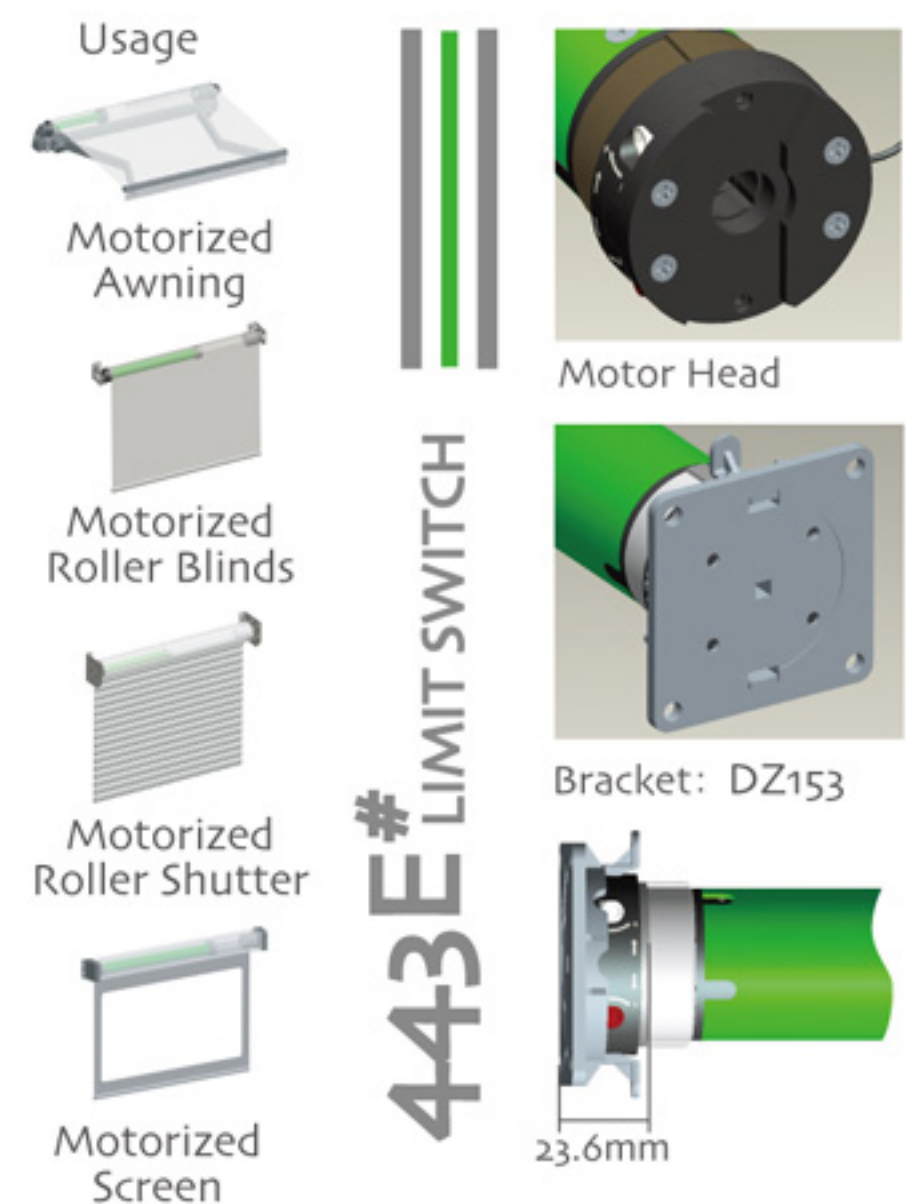
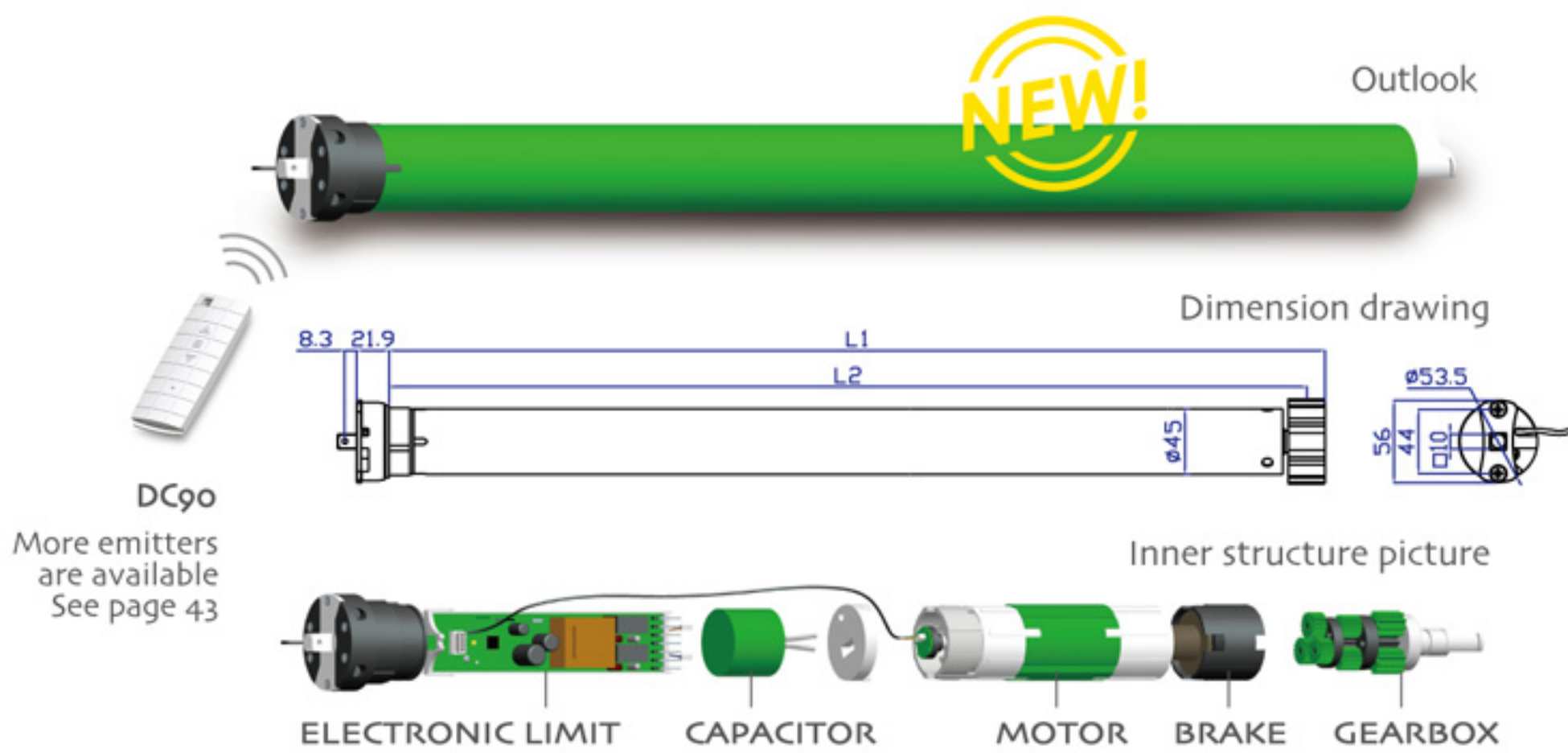


### E: Electronic

Electronic Limit + Built-in Receiver + Resistance and stop function

## Ø45

For more design options, please contact our sales consultant.



#### Tubular Motor Nameplate

**DM 35 E -- 20 / 15**

Dooya Tubular Motor Tube Diameter Electronic Type Rated Torque (N.m) Rated Speed (rpm)



We provide 5-year warranty for our Dooya motor

#### Technical Data

Rated Torque (N.m)	Rated Speed (rpm)	Tube Diameter (mm)	Rated Voltage (V)	Rated Frequency (Hz)	Rated Power Input (W)	Rated Current (A)	Running Time (min)	Degree of Protection (IP)	Max Number of Turns (turn)	L1 / L2 (mm)
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### 230V / 50Hz

Product Certificate **CE RoHS**

#### DM45E Electronic

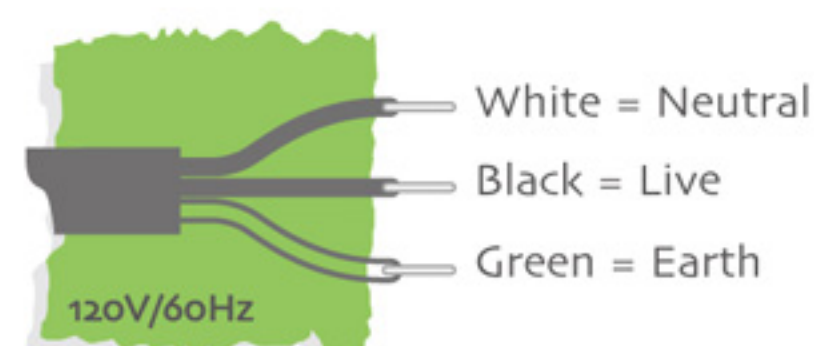
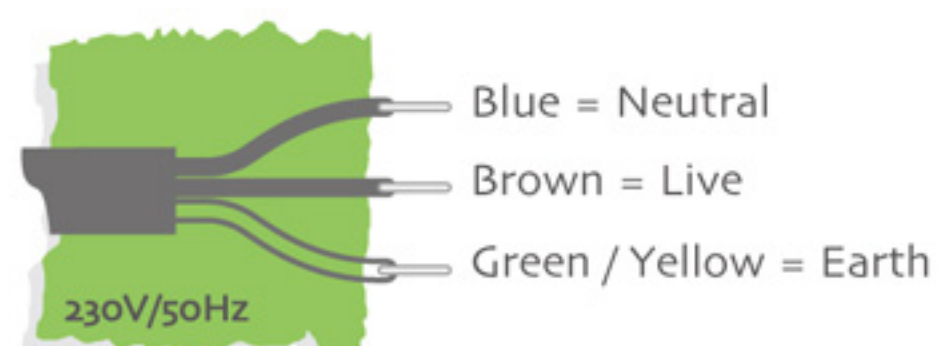
DM45E - 10/15	10	15	45	230	50	112	0.49	4	IP44	∞	607/589
DM45E - 10/26	10	26	45	230	50	145	0.64	4	IP44	∞	607/589
DM45E - 20/15	20	15	45	230	50	145	0.64	4	IP44	∞	607/589
DM45E - 20/26	20	26	45	230	50	170	0.77	4	IP44	∞	637/619
DM45E - 30/15	30	15	45	230	50	191	0.83	4	IP44	∞	637/619
DM45E - 40/15	40	15	45	230	50	198	0.86	4	IP44	∞	637/619
DM45E - 50/12	50	12	45	230	50	205	0.89	4	IP44	∞	637/619

### 120V / 60Hz

Product Certificate **RoHS**

#### DM45E Electronic

DM45E - 10/19	10	19	45	120	60	136	1.17	4	IP44	∞	657/639
DM45E - 10/32	10	32	45	120	60	140	1.20	4	IP44	∞	657/639
DM45E - 20/19	20	19	45	120	60	162	1.54	4	IP44	∞	657/639
DM45E - 20/32	20	32	45	120	60	190	1.59	4	IP44	∞	697/679
DM45E - 30/13	30	13	45	120	60	240	2.42	4	IP44	∞	697/679
DM45E - 40/13	40	13	45	120	60	183	1.55	4	IP44	∞	697/679
DM45E - 50/13	50	13	45	120	60	235	2.20	4	IP44	∞	697/679



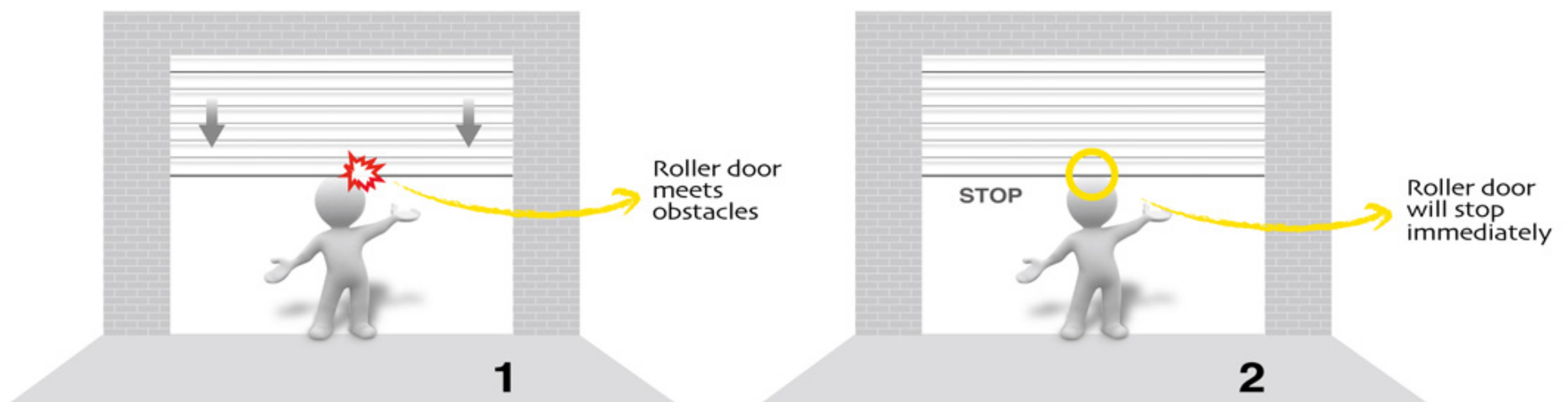




## DM45E

**E: Electronic**  
Electronic Limit + Built-in Receiver + Resistance and stop function

Resistance and stop function: the rolling door will stop immediately when meet resistance in the process of going down. It takes the action of safe protection to rolling door.



## DM45EA

**EA: Electronic A**  
Electronic Limit + Built-in Receiver + Resistance and rebound half circle function

Resistance and rebound half circle function: the rolling door will stop and up for half circle when meet resistance in the process of going down. It takes the action of safe protection to rolling door.

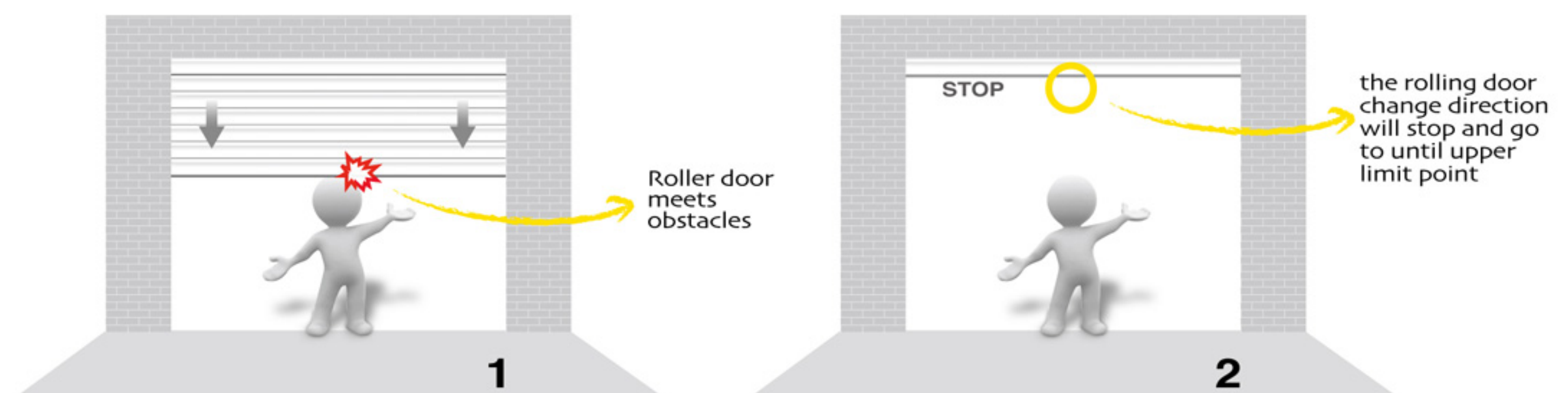


## DM45EB

*Electronic B*

**Electronic B**  
Electronic Limit + Built-in Receiver + Resistance and rebound to upper limit point function

Resistance and rebound to upper limit point function: the rolling door change direction will stop and go to until upper limit point when meet resistance in the process of going down. It takes the action of safe protection to rolling door.





# Tubular Motor



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## DM45ED

### ED: Electronic D

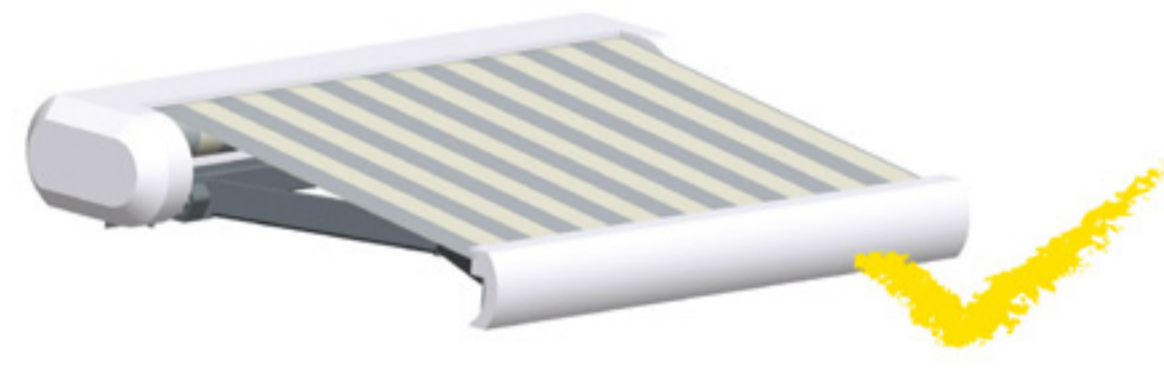
- Electronic Limit + Built-in Receiver
- + Fabric of awnings tighten automatically function
- + Resistance and stop function

### only for full cassette awnings

fabric of awnings tighten automatically function: This feature is mainly applicable to the full cassette awnings, The fabric will extend slowly due to work pressure and tension during a long-term use. If the fabric works with standard tubular motor, it will droop and be loosened easily. If the fabric work with tubular motor with automatic tightening function, the fabric will be tightened after a long-term use.



The awnings fabric work after 1000 times, If the fabric works with standard tubular motor, it will droop and be loosened easily.



The awnings fabric work after 1000 times, If the fabric work with tubular motor with automatic tightening function, the fabric will remain tightened after a long-term use.

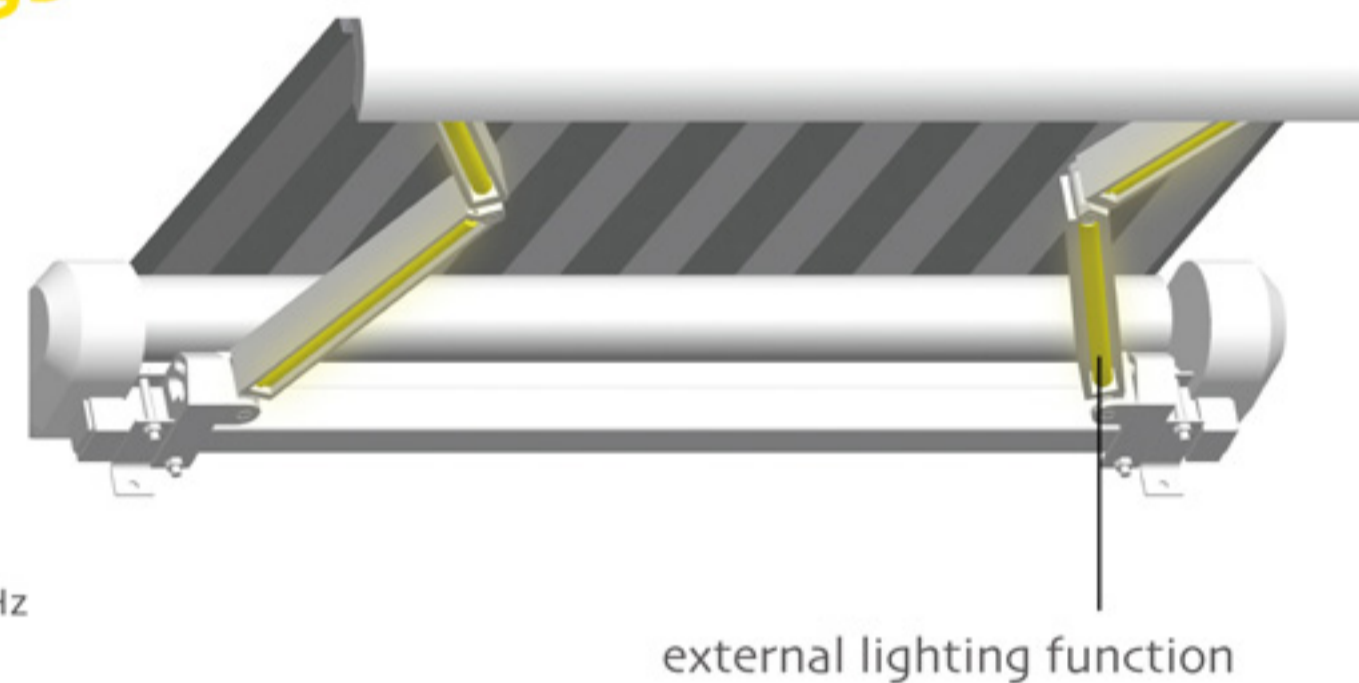


## DM45EE

### EE: Electronic E

- Electronic Limit + Built-in Receiver
- + Fabric of awnings tighten automatically function
- + Resistance and stop function
- + external lighting function

### only for full cassette awnings





# Tubular Motor



## DM45R



**R:Radio**  
Mechanic Limit + Built-in Receiver

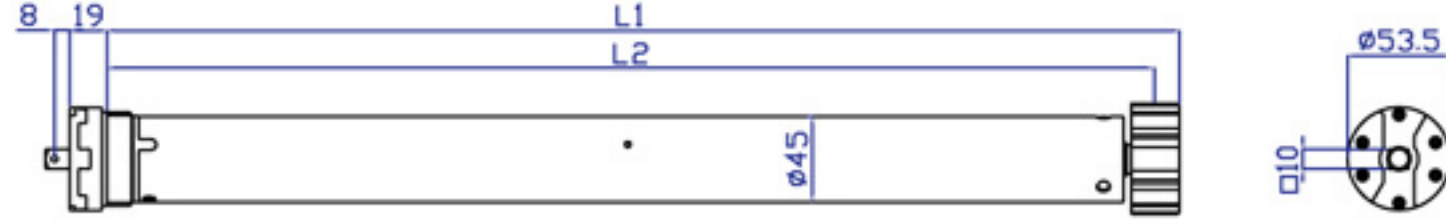
Ø45

For more design options, please contact our sales consultant.

Outlook



Dimension drawing

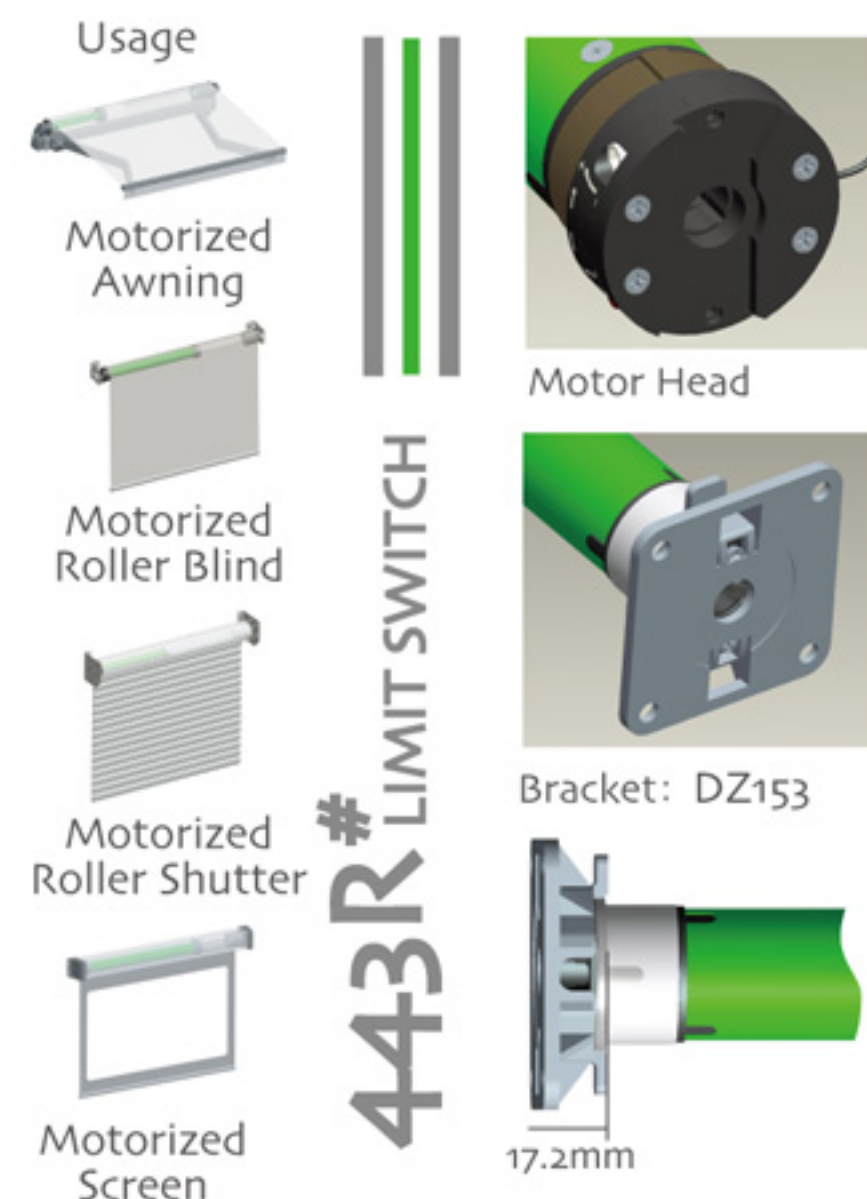


Inner structure picture



Tubular Motor Nameplate

**DM 45 R -- 10 / 15**  
Dooya Tubular Motor Tube Diameter Radio Type Rated Torque (N.m) Rated Speed (rpm)



DC90  
More emitters are available See page 43



We provide 5-year warranty for our Dooya motor

Technical Data

Rated Torque (N.m)	Rated Speed (rpm)	Tube Diameter (mm)	Rated Voltage (V)	Rated Frequency (Hz)	Rated Power Input (W)	Rated Current (A)	Running Time (min)	Degree of Protection (IP)	Max Number of Turns (turn)	L1 / L2 (mm)
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230V / 50Hz

Product Certificate

**DM45R**  
Radio

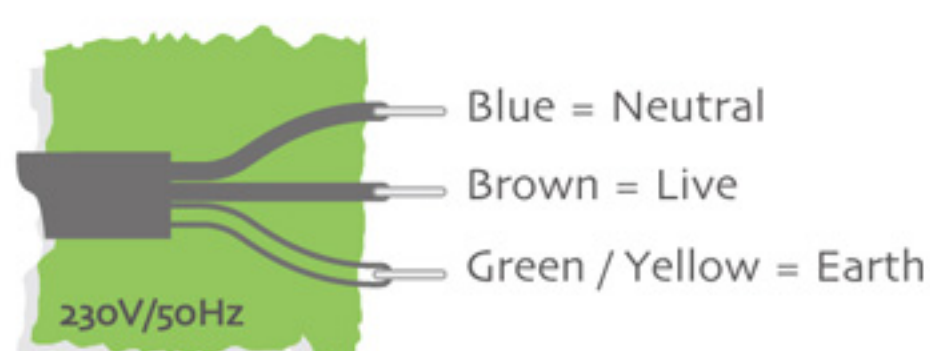
DM45R - 10/15	10	15	45	230	50	112	0.49	4	IP44	22	607/589
DM45R - 10/26	10	26	45	230	50	145	0.64	4	IP44	45	607/589
DM45R - 20/15	20	15	45	230	50	145	0.64	4	IP44	22	607/589
DM45R - 20/26	20	26	45	230	50	170	0.77	4	IP44	45	637/619
DM45R - 30/15	30	15	45	230	50	191	0.83	4	IP44	22	637/619
DM45R - 40/15	40	15	45	230	50	198	0.86	4	IP44	22	637/619
DM45R - 50/12	50	12	45	230	50	205	0.89	4	IP44	22	637/619
DM45R - 60/8	60	8	45	230	50	208	0.92	4	IP44	22	637/619

120V / 60Hz

Product Certificate

**DM45R**  
Radio

DM45R - 10/19	10	19	45	120	60	136	1.17	4	IP44	22	657/639
DM45R - 10/32	10	32	45	120	60	140	1.20	4	IP44	45	657/639
DM45R - 20/19	20	19	45	120	60	162	1.54	4	IP44	22	657/639
DM45R - 20/32	20	32	45	120	60	190	1.59	4	IP44	45	697/679
DM45R - 30/13	30	13	45	120	60	240	2.42	4	IP44	22	697/679
DM45R - 40/13	40	13	45	120	60	183	1.55	4	IP44	22	697/679
DM45R - 50/13	50	13	45	120	60	235	2.20	4	IP44	22	697/679





# Tubular Motor



# DOOYA<sup>®</sup>

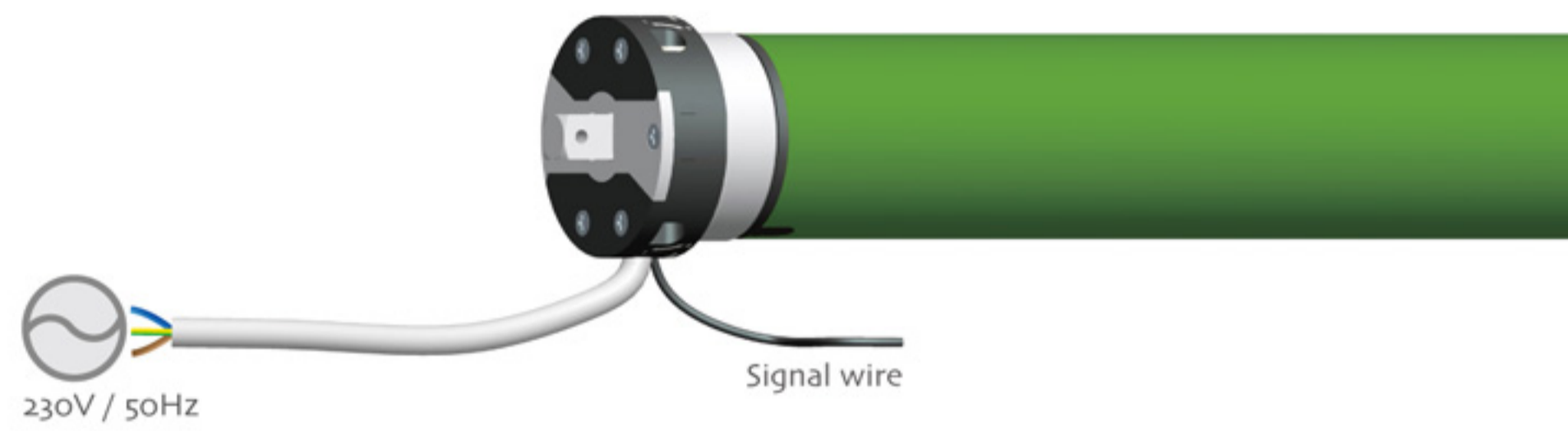
TUBULAR MOTOR

More various built-in receiver tubular motors available



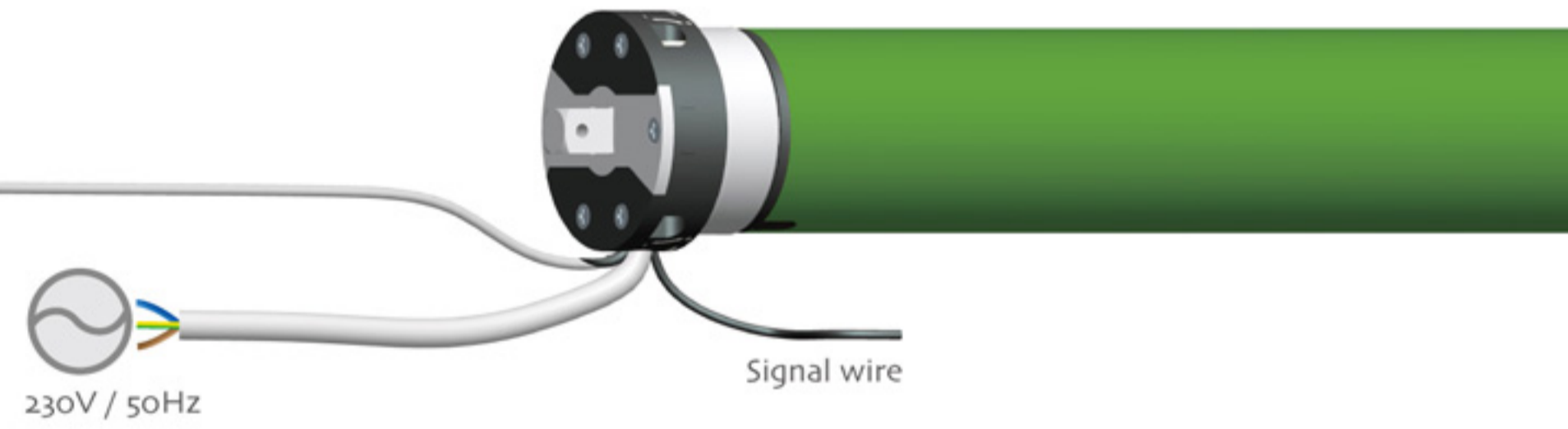
## DM45R

**R: Radio**  
Mechanical Limit + Built-in Receiver



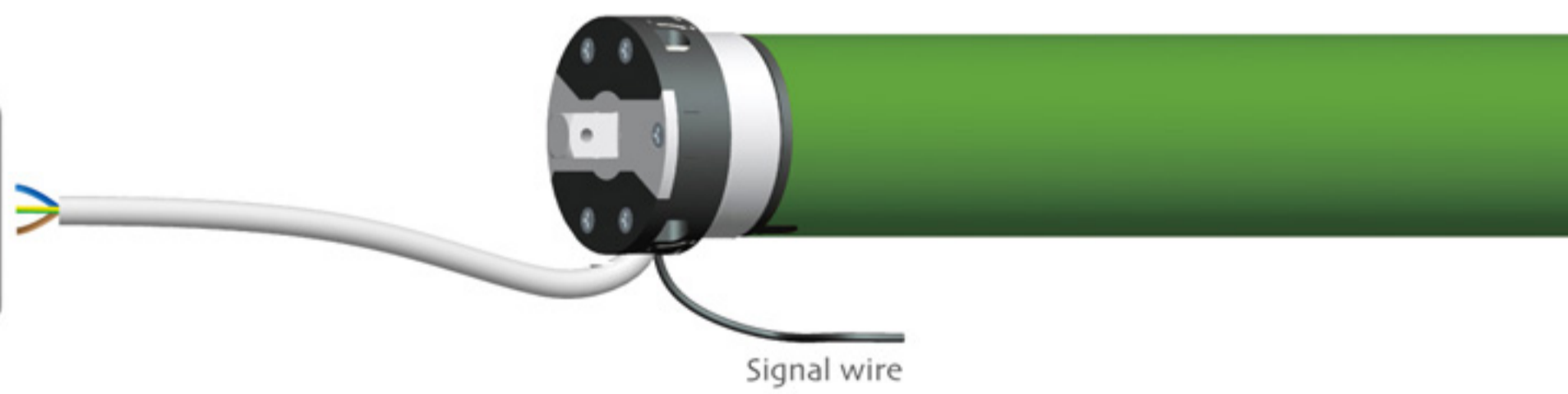
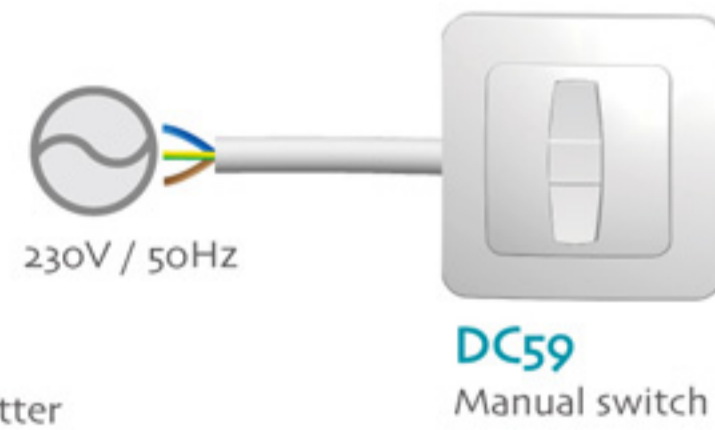
## DM45RA

**RA: Radio B**  
Mechanical Limit Switch + Built-in Receiver + external dry - contact switch



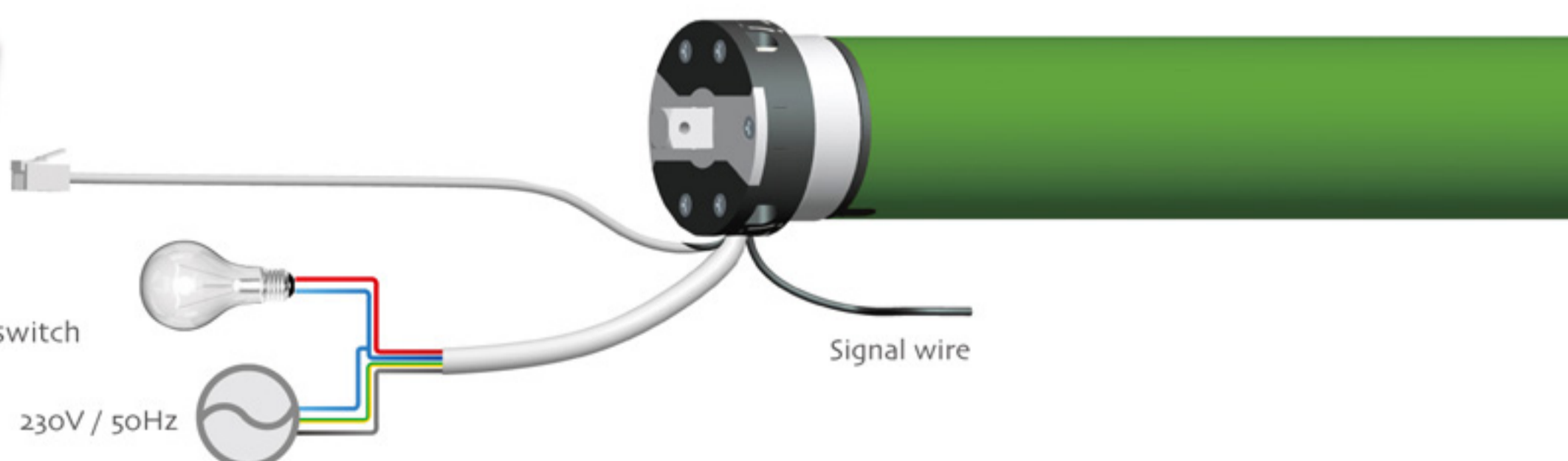
## DM45RB

**RB: Radio B**  
Mechanical Limit Switch + Built-in Receiver + external rebounded-switch function



## DM45RC

**RC: Radio C**  
Mechanical Limit Switch + Built-in Receiver + external dry - contact switch function + External lamp function





# Tubular Motor



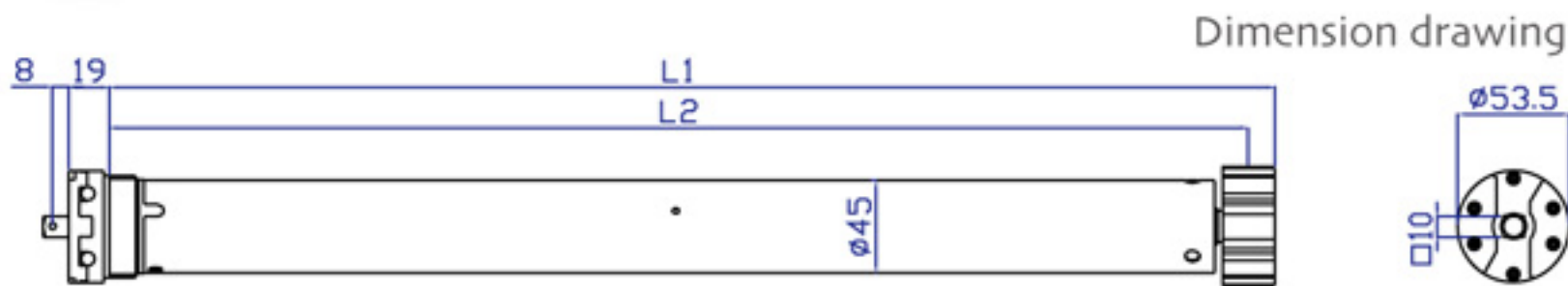
## DM45S



**S: Standard**  
Mechanic Limit

**Ø45**

Outlook



Dimension drawing

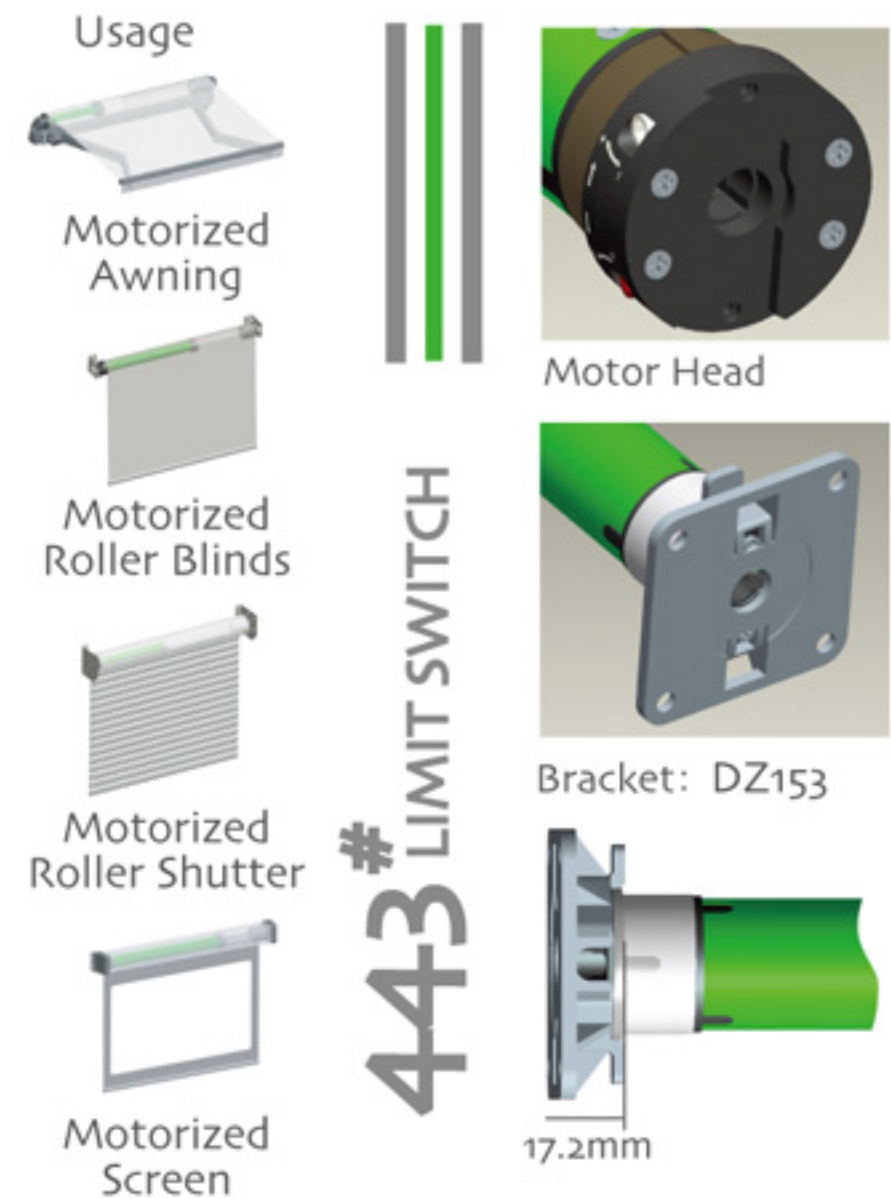


Inner structure picture

Tubular Motor Nameplate

**DM 45 S -- 10 / 15**  
Dooya Tube Standard Rated Torque Rated Speed  
Tubular Motor Diameter Type (N.m) (rpm)

For more design options, please contact our sales consultant.



We provide 5-year warranty for our Dooya motor

Technical Data

Rated Torque (N.m)	Rated Speed (rpm)	Tube Diameter (mm)	Rated Voltage (V)	Rated Frequency (Hz)	Rated Power Input (W)	Rated Current (A)	Running Time (min)	Degree of Protection (IP)	Max Number of Turns (turn)	L1 / L2 (mm)
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### 230V / 50Hz

Product Certificate



**DM45S**  
Standard

DM45S - 10/15	10	15	45	230	50	112	0.49	4	IP44	22	467/449
DM45S - 10/26	10	26	45	230	50	145	0.64	4	IP44	45	467/449
DM45S - 20/15	20	15	45	230	50	145	0.64	4	IP44	22	467/449
DM45S - 20/26	20	26	45	230	50	170	0.77	4	IP44	45	537/519
DM45S - 30/15	30	15	45	230	50	191	0.83	4	IP44	22	537/519
DM45S - 40/15	40	15	45	230	50	198	0.86	4	IP44	22	537/519
DM45S - 50/12	50	12	45	230	50	205	0.89	4	IP44	22	537/519
DM45S - 60/8	60	8	45	230	50	208	0.92	4	IP44	22	537/519

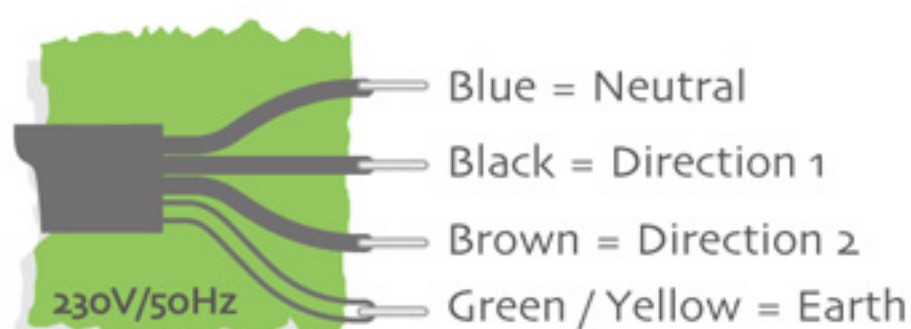
### 120V / 60Hz

Product Certificate



**DM45S**  
Standard

DM45S - 10/19	10	19	45	120	60	136	1.17	4	IP44	22	507/489
DM45S - 10/32	10	32	45	120	60	140	1.20	4	IP44	45	507/489
DM45S - 20/19	20	19	45	120	60	162	1.54	4	IP44	22	507/489
DM45S - 20/32	20	32	45	120	60	190	1.59	4	IP44	45	557/539
DM45S - 30/13	30	13	45	120	60	240	2.42	4	IP44	22	557/539
DM45S - 40/13	40	13	45	120	60	183	1.55	4	IP44	22	557/539
DM45S - 50/13	50	13	45	120	60	235	2.20	4	IP44	22	557/539





## Motorized Roller Shutter

