BREL HOME

INSTALLATION MANUAL

Ezio motors

This manual is suitable for the following motor types:

- MBQ35
- MSD35
- MS35
- MS45
- MS55
- MH92

Read the manual before starting installation. Failure to follow the instructions may lead to defects which cannot be claimed under warranty.

Visit our website for more information

Scan the QR code here for the manual to download & view instructional videos

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Warnings

Conformity Statement

This product complies with the essential requirements of the following European directives:

Radio Equipment Directive (RED) 2014/53/EU: Meets radio communication requirements such as safety, health, and efficient use of the radio spectrum.

Low Voltage Directive (LVD) 2014/35/EU: Meets safety requirements for electrical equipment operating at nominal voltages between 50V and 1000V for alternating current.

Electromagnetic Compatibility Directive (EMC) 2014/30/EU: Meets standards for electromagnetic emissions and immunity to prevent interference.

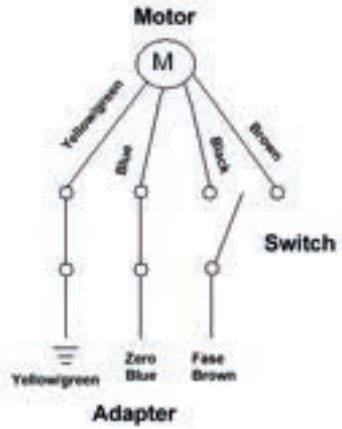
Restriction of Hazardous Substances Directive (RoHS) 2011/65/EU: Complies with the directives on the use of hazardous substances.

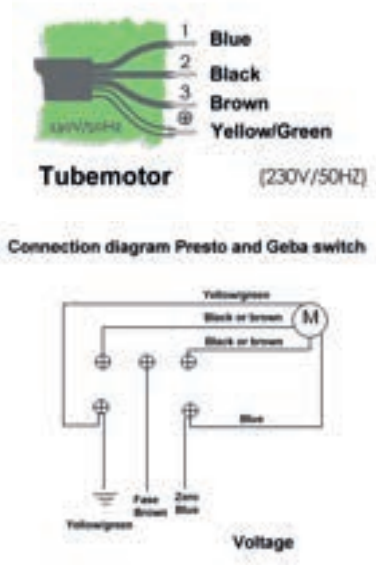
Machinery Directive (MD) 2006/42/EC: Meets safety requirements for the design and manufacture of machinery, including mechanical and electrical safety.

Note: This document is a summary. Please refer to the full declaration of conformity for detailed information.



Wiring





Installation of the motor

This installation is usually already done at the factory.

Fit the adapter and carriage to the motor and secure the carriage with the clip. Install the motor with the motor brackets and be sure this is secure. Mount the motor in the tube of the blinds. Insert the supplied cotter pin in the holes made for the motor.

Technical data of the motor

	MBQ35-06	MBQ35-10	MSD35-10	MS35-10	MS35-13
Rotations	36	36	23	36	36
Working voltage	230V	230V	230V	230V	230V
Power	121W	121W	121W	121W	121W
Amperage	0.53A	0.53A	0.53A	0.53A	0.53A
Force (Nm)	6	10	10	10	13
Speed (rpm)	28	17	17	17	14
Motor length (mm)	515	515	395	473	473
Motor diameter (mm)	35	35	35	35	35
Motor head diameter (mm)	40	40	40	40	40
Cable (mm)	3000	3000	3000	3000	3000

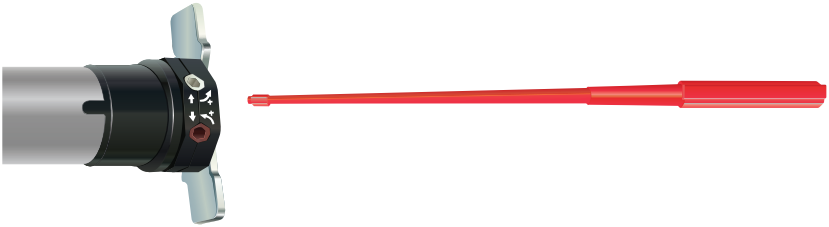
Technical data of the motor

	MS45-20	MS45-40	MS55-60	MS55-80	MS55-120	MH92-300
Rotations	36	36	36	36	36	36
Working voltage	230V	230V	230V	230V	230V	230V
Power	145W	198W	320W	385W	393W	940W
Amperage	0.64A	0.86A	1.39A	1.65A	1.68A	4.08A
Force (Nm)	20	40	60	80	120	300
Speed (rpm)	30	28	28	28	24	9
Motor length (mm)	473	543	610	615	630	607
Motor diameter (mm)	45	45	55	55	55	92
Motor head diameter (mm)	60	60	65	65	65	160
Cable (mm)	3000	3000	3000	3000	3000	3000

The following specifications apply to all Ezio motors:

Cable	4-core cable
Thermal protection	Yes
Maximum runtime	4 minutes
IP value	IP44
Operating temperature	-10°C to +55°C

Adjusting the motor



To determine where to stop the motor, you should use the adjustment pin supplied. The large arrow indicates the direction of rotation to change the end position. By turning to the PLUS or MINUS you can change the end positions. By turning to MIN, the motor will make fewer revolutions.

You should do this for both directions of rotation. If the motor stops by itself, do not turn more than 1 revolution to MIN. If you turn more than 1 revolution to MIN, you may upset the adjustment. If the motor runs too far, let the motor run back before turning to MIN.