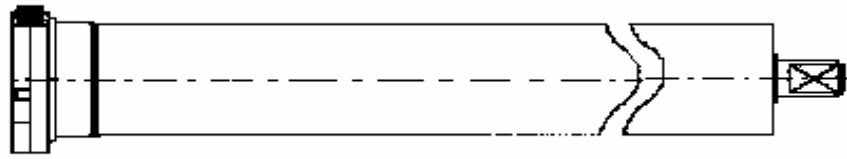




ROLLER SHADE SYSTEM

PRODUCT SPECIFICATIONS



SHADE MOTOR

General Specifications

Motors design is 115V 60hz totally enclosed, dual winding split capacitor. Motor must have an integral run capacitor. All motors must have thermal overload with automatic reset, temperature rated as required by the specification. Should be  listed and standard  color code.

Brake & Gear

The brake must be of silent design and will activated when power is removed. Brake will be integrated with the with planetary gear systems, The gear systems output must be a metal high torque output drive shaft. Noisy electrically activated brakes are not acceptable.

Limit Switches

Standard

Progressive mechanical limits with internal worm gear activators. Limit switches shall be easily adjustable in either direction by means of separate adjustment knobs.

Optional

Electronic limits have a maximum 80 revolutions of the tube. Internal dual hall effect sensors are required to compare and increase the accuracies of the limit setting. Limit switches shall be easily adjustable in either direction by means of separate transmitter.

Transmitter Program

Motors with internal radio receivers shall have a programming push-button on the motor head. The push-button allows the master transmitter to be programmed without disconnecting power from all other motors. Secondary transmitter may be programmed through the master transmitter.

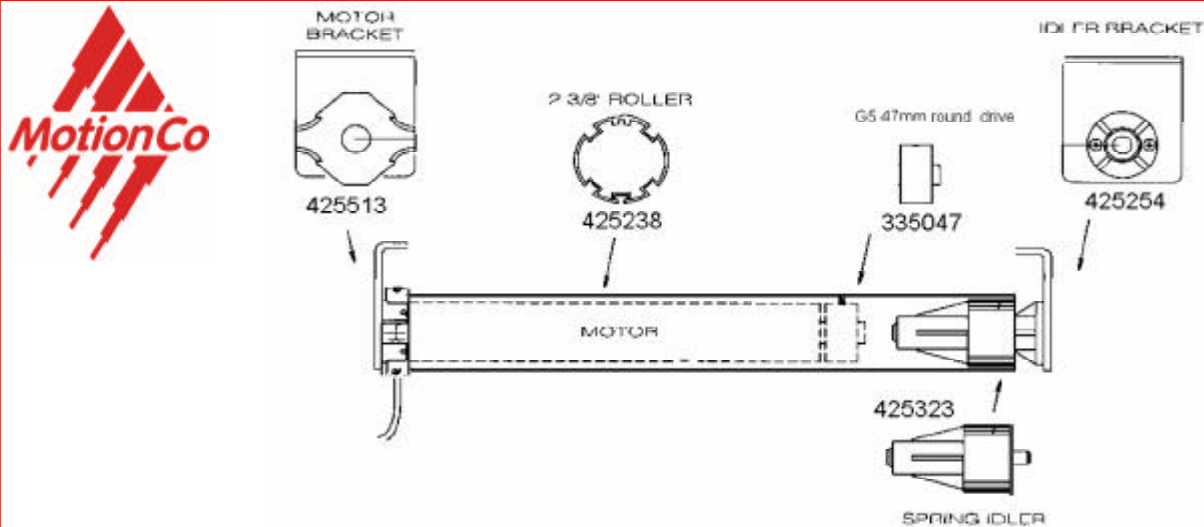


Power Supplied

504G (235043) motors 115v/60Hz rated at 104 watts, 0.90 Amperage developing 4 NM torque 30rpm capable of lifting 20-25lbs. 506G (235063) motors 115v/60Hz rated at 104 watts, 0.90 Amperage developing 6 NM torque 30rpm capable of lifting 50-55lbs with a limit of 28 revolutions.



SHADE SYSTEM



Shade Accessories

Tube - (425238) shall be either outside diameter of 61mm and inside diameter of 48mm. Tube shall be round or extruded with Motion Co design specifications.

Drop-in motor bracket should be either in steel (335101) or plastic (335102) and allow the motor end to drop into the brackets for ease of installation. The motor brackets are clipped either with cotter-pins or threaded screws of M5 and M4 which allows two positions.

Drive and Crown - Adaptor set allows the motor to drive the tube and is manufactured from injection molded plastic and steels (335047). Drive and Crown shall also be from injection molded plastic with Motion Co design specifications with a cotter-pin (425238).

Idler Insert - shall be either matching Motion Co design specification tube (425323) and is provided with a round steel shaft for mounting in the end bracket, or shall be a round idler of 50.8mm provided with a round steel shaft for mounting in the end bracket (425574).

Angle Brackets - Are manufactured in steel and shall be mounted in the window frame. Brackets are either use on motor head end (425513) or idler end (425254). On the idler end, the idler steel shaft is inserted into a plastic bearing.

Controls

The switching device to activate the system shall be either hardwired or a RIL radio remote control. Multiple systems shall be controlled either individually or by a Motion Co group controllers or automatic controllers including sun/wind/vibration sensors and programmable digital timers. Controls can be integrated with home automation, or building management systems.

Options

Manual override may be special ordered to allow the shade to be hand cranked if a loss of power occurs.

Warranty

Provide Motion Control Systems limited warranty of five (5) years from date of shipment against defects in materials and workmanship of motors and hardware. Electronic and electrical controls are warranted against defects in materials and workmanship for one (1) year from date of shipment from factory.