

## Benefits

- Ideal for smart buildings; integrate with building and home automation systems.
- LM2 is certified for Smoke & Heat Extraction (SHE).

## Applications

Automated operation of awning windows, hopper windows, casement windows, curtain wall vents, and skylights.

## LM2 Actuator Features

- LM2 actuators are light duty operators, with compact casing and low noise operation.
- Push force: Up to 150N (34 lbf)
- Pull force: 200N (44 lbf)
- Actuator has stainless steel chain for rigidity and durability; Chain is off-center in casing.
- Can be concealed in frame or curtain wall
- Actuators available in Grey, White or other RAL colors
- Prewired with 3.1 meter cable
- Tested to 10,000 cycles



## LM2

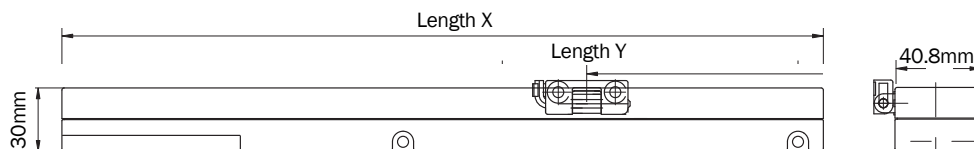
Part #	Color	Stroke	Force (Push/Pull)
<b>2409031</b>	Silver Grey	Up to 120mm	200N/200N
<b>2408892</b>	White	Up to 120mm	200N/200N
<b>13324590314</b>	Black or other	Up to 120mm	200N/200N
<b>2409049</b>	Silver Grey	Up to 200mm	200N/200N
<b>2408926</b>	White	Up to 200mm	200N/200N
<b>13324590494</b>	Black or other	Up to 200mm	200N/200N
<b>2409056</b>	Silver Grey	Up to 250mm	200N/200N
<b>2408959</b>	White	Up to 250mm	200N/200N
<b>13324590564</b>	Black or other	Up to 250mm	200N/200N
<b>2409064</b>	Silver Grey	Up to 300mm	200N/200N
<b>2408983</b>	White	Up to 300mm	200N/200N
<b>13324590644</b>	Black or other	Up to 300mm	200N/200N
<b>2409076</b>	Silver Grey	Up to 500mm	80N/200N
<b>2409014</b>	White	Up to 500mm	80N/200N
<b>13324590764</b>	Black or other	Up to 500mm	80N/200N

## Specifications

<b>Supply voltage</b>	24VDC (-15% / +50%)	
<b>Nom. Current draw</b>	Approx 0.7A at 200N load	
<b>Limit stop</b>	(Open): Built in limit switch (Closed) Integrated electronic power cut-off	
<b>Chain stroke (approx)</b>	120mm (4 <sup>3</sup> / <sub>4</sub> " 200mm (7 <sup>7</sup> / <sub>8</sub> " 250mm (9 <sup>13</sup> / <sub>16</sub> "	300mm (11 <sup>13</sup> / <sub>16</sub> " 500mm (19 <sup>11</sup> / <sub>16</sub> "
<b>Chain adjustment</b>	Automatic adjustment	
<b>Push force (Max)</b>	Up to 200N (44 lbf +/- 3%)	
<b>Pull force (Max)</b>	200N (45 lbf +/- 3%) for all models	
<b>Clamping force (Max)</b>	3000N (674 lbf +/- 3%) force needed to rip chain out of actuator case	
<b>Chain speed</b>	10mm/sec	
<b>Dimensions</b>	120-300mm stroke = 360.5 x 30 x 40.8mm (14 <sup>3</sup> / <sub>16</sub> " x 1 <sup>3</sup> / <sub>16</sub> " x 1 <sup>5</sup> / <sub>8</sub> ") 500mm stroke = 442 x 30 x 40.8mm (17 <sup>7</sup> / <sub>16</sub> " x 1 <sup>3</sup> / <sub>16</sub> " x 1 <sup>5</sup> / <sub>8</sub> ")	
<b>Power cable</b>	3.1 meter cable included, black color	
<b>Run/Rest cycle</b>	For every 60 sec running (on), must then rest (off) for 120 sec	
<b>Ambient Oper Temp</b>	-10 °C to +60 °C (14 °F to 140 °F)	
<b>Listing</b>	UR Recognized	
<b>Protection class</b>	IP20	
<b>Case</b>	Aluminum	
<b>Colors</b>	Powder-coated: Silver Grey (RAL 9006), White (RAL 9016)	
<b>Special colors</b>	Black (RAL 9005) and other RAL colors on request, see accessory data sheet.	
<b>Opening mechanism</b>	Stainless steel chain, chain is off-center in case	

## Dimensions

<b>120-300mm stroke</b>	<b>500mm stroke</b>
Length X = 360.5mm	Length X = 442mm
Length Y = 114mm	Length Y = 114mm



## Optional Accessories - Mounting Brackets

Part #	Description	Paint Color <sup>1</sup>
<b>2600443</b>	Movable actuator	Grey RAL 9006
<b>13382600443</b>	installation for top-hung, bottom-hung and side-hung windows.	Other RAL
<b>2600435</b>		White RAL 9016
<b>2600351</b>	Frame angle bracket for flush mounted frame	Grey RAL 9006
<b>13202600353</b>	fitting.	Other RAL
<b>2600344</b>		White RAL 9016
<b>2600385</b>	Frame angle bracket for frame fitting with 10mm	Grey RAL 9006
<b>13322600383</b>	( <sup>3</sup> / <sub>8</sub> " projection.	Other RAL
<b>2600377</b>		White RAL 9016
<b>2600419</b>	Frame angle bracket for frame fitting with 15mm	Grey RAL 9006
<b>13202600413</b>	( <sup>5</sup> / <sub>8</sub> " projection.	Other RAL
<b>2600401</b>		White RAL 9016