## EMS Brand Motor Specification Chart

- **NOT compatible with SIMU motor products**

### Standard Motors

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Torque</th>
<th>Output Power</th>
<th>Motor Type</th>
<th>Rated Voltage</th>
<th>Frequency</th>
<th>Rated Current</th>
<th>Continus Run Time</th>
<th>Protection Degree</th>
<th>Max Limit</th>
<th>Theoretical Lifting Capacity**</th>
</tr>
</thead>
<tbody>
<tr>
<td>349K</td>
<td>30 Nm</td>
<td>152W</td>
<td>120V</td>
<td>60Hz</td>
<td>1.51A</td>
<td>4min</td>
<td>IP44</td>
<td>45</td>
<td>134lbs - 148 lbs</td>
<td></td>
</tr>
<tr>
<td>449K</td>
<td>50 Nm</td>
<td>235W</td>
<td>120V</td>
<td>60Hz</td>
<td>2.2A</td>
<td>4min</td>
<td>IP44</td>
<td>22</td>
<td>150lbs - 246 lbs</td>
<td></td>
</tr>
<tr>
<td>510K</td>
<td>100 Nm</td>
<td>340W</td>
<td>120V</td>
<td>60Hz</td>
<td>2.94A</td>
<td>4min</td>
<td>IP44</td>
<td>22</td>
<td>256lbs - 386lbs</td>
<td></td>
</tr>
</tbody>
</table>

### Standard w/Override Motor

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Torque</th>
<th>Output Power</th>
<th>Motor Type</th>
<th>Rated Voltage</th>
<th>Frequency</th>
<th>Rated Current</th>
<th>Continus Run Time</th>
<th>Protection Degree</th>
<th>Max Limit</th>
<th>Theoretical Lifting Capacity**</th>
</tr>
</thead>
<tbody>
<tr>
<td>323K</td>
<td>30 Nm</td>
<td>120V</td>
<td>60Hz</td>
<td>152W</td>
<td>1.51A</td>
<td>4min</td>
<td>IP44</td>
<td>45</td>
<td>134lbs - 148 lbs</td>
<td></td>
</tr>
<tr>
<td>423K</td>
<td>50 Nm</td>
<td>235W</td>
<td>120V</td>
<td>60Hz</td>
<td>2.2A</td>
<td>4min</td>
<td>IP44</td>
<td>22</td>
<td>150lbs - 246 lbs</td>
<td></td>
</tr>
<tr>
<td>529K</td>
<td>100 Nm</td>
<td>340W</td>
<td>120V</td>
<td>60Hz</td>
<td>2.94A</td>
<td>4min</td>
<td>IP44</td>
<td>22</td>
<td>256lbs - 386lbs</td>
<td></td>
</tr>
</tbody>
</table>

### Remote Motor

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Torque</th>
<th>Output Power</th>
<th>Motor Type</th>
<th>Rated Voltage</th>
<th>Frequency</th>
<th>Rated Current</th>
<th>Continus Run Time</th>
<th>Protection Degree</th>
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<td>345K</td>
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<td>1.51A</td>
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<td></td>
</tr>
<tr>
<td>445K</td>
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<td>235W</td>
<td>120V</td>
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</tr>
<tr>
<td>528K</td>
<td>100 Nm</td>
<td>340W</td>
<td>120V</td>
<td>60Hz</td>
<td>2.94A</td>
<td>4min</td>
<td>IP44</td>
<td>22</td>
<td>256lbs - 386lbs</td>
<td></td>
</tr>
</tbody>
</table>

### Remote w/Override Motor

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Torque</th>
<th>Output Power</th>
<th>Motor Type</th>
<th>Rated Voltage</th>
<th>Frequency</th>
<th>Rated Current</th>
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</tr>
</thead>
<tbody>
<tr>
<td>346K</td>
<td>30 Nm</td>
<td>120V</td>
<td>60Hz</td>
<td>152W</td>
<td>1.51A</td>
<td>4min</td>
<td>IP44</td>
<td>45</td>
<td>134lbs - 148 lbs</td>
<td></td>
</tr>
<tr>
<td>446K</td>
<td>50 Nm</td>
<td>235W</td>
<td>120V</td>
<td>60Hz</td>
<td>2.2A</td>
<td>4min</td>
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<td>527K</td>
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<td>340W</td>
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<td>60Hz</td>
<td>2.94A</td>
<td>4min</td>
<td>IP44</td>
<td>22</td>
<td>256lbs - 386lbs</td>
<td></td>
</tr>
</tbody>
</table>

### Standard w/Override Motor

<table>
<thead>
<tr>
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<th>Rated Voltage</th>
<th>Frequency</th>
<th>Rated Current</th>
<th>Continus Run Time</th>
<th>Protection Degree</th>
<th>Max Limit</th>
<th>Theoretical Lifting Capacity**</th>
</tr>
</thead>
</table>
| 580K   | 300 Nm       | 881W         | 120V       | 60Hz         | 8.17A     | 4min         | IP44             | 30                | 760lbs - 1015lbs          **Lifting Capacity decreases as the height increases.**

### EMS Brand Standard Motor Kit (TYPE 5)

- **349K** (DM45S) 30Nm; 4 Wire
- **449K** (DM45S) 50Nm; 4 Wire equiv. to **449SK**

Includes (Also Sold Separately):
- 60 & 70MM Crowns • 60 & 70mm Drives
- Bracket • Alt. Bracket

### EMS Brand Standard Motor Kit (TYPE 6)

- **510K** (DM59S) 100Nm; 4 Wire equiv. to **510SK**

Includes (Also Sold Separately):
- 70MM Crown • 70mm Drive
- Bracket • Alt. Bracket

### EMS Brand Standard Override Motor Kit (TYPE 5)

- **323K** (DM45S) 30Nm; 4 Wire
- **423K** (DM45S) 50Nm; 4 Wire equiv. to **423SK**

Includes (Also Sold Separately):
- 60 & 70MM Crowns • 60 & 70mm Drives
- Bracket

### EMS Brand Standard Override Motor Kit (TYPE 6)

- **529K** (DM59M) 100Nm; 4 Wire equiv. to **529SK**

Includes (Also Sold Separately):
- 70MM Crown • 70mm Drive
- Bracket • Alt. Bracket

### EMS Brand Override Motor Kit (TYPE 9)

- **580K** (DM92M) 300Nm; 4 Wire

Includes (Also Sold Separately):
- 100MM Crown • 100mm Drive
- No Bracket - Direct Mount
- Override Crank Eye

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**Lifting Capacity decreases as the height increases.**

---

**Hurricane 34**

**Use DC136 to make Remote**

---

### Contact Information

**EMS FL**
- Phone: 1-800-432-2204
- Fax: (561) 588-4780

**EMS NC**
- Phone: 1-800-343-8154
- Fax: (704) 391-2267

**EMS TX**
- Phone: 1-800-996-6061
- Fax: (281) 656-2297

**EMS MO**
- Phone: 1-888-822-6061
- Fax: (314) 344-3349

**Additional Locations:** West Palm Beach & Lakeland, FL; Newark, DE; Akron, OH, Van Buren, AR; Atlanta, GA and Dallas, TX

**Website:** [www.easternmetal.com](http://www.easternmetal.com)

**E-mail:** info@easternmetal.com

**Version:** 02/01/19
ROLL SHUTTER MOTORS: EMS Brand Remote Motor Kits

EMS Brand Remote Motor Kit (TYPE 5)

345K (DM45R) 30Nm; 3 Wire
445K (DM45R) 50Nm; 3 Wire equiv. to 445SK

Includes (Also Sold Separately):
60 & 70MM Crowns • 60 & 70mm Drives
Bracket • Alt. Bracket • Five Channel Emitter

EMS Brand Remote Motor Kit (TYPE 6)

528K (DM59R) 100Nm; 3 Wire equiv. to 528SK

Includes (Also Sold Separately):
70MM Crown • 70mm Drive
Bracket • Alt. Bracket • Five Channel Emitter

ROLL SHUTTER MOTORS: EMS Brand Remote Override Motor Kits

EMS Brand Remote Override Motor Kit (TYPE 5)

346K (DM45R) 30Nm; 3 Wire
446K (DM45R) 50Nm; 3 Wire equiv. to 446SK

Includes (Also Sold Separately):
60 & 70MM Crowns • 60 & 70mm Drives
Bracket • Five Channel Emitter

EMS Brand Remote Override Motor Kit (TYPE 6)

527K (DM59R) 100Nm; 3 Wire equiv. to 527SK

Includes (Also Sold Separately):
70MM Crown • 70mm Drive
Bracket • Alt. Bracket
Five Channel Emitter

ROLL SHUTTER MOTORS: EMS Brand Miscellaneous Electronics

DD1538HK Solar Panel Kit - NEW!

EMS Brand Solar Motor Kit - NEW!

Remote Override (TYPE 5)

S346KB (DM45R) 30Nm lifts up to 119 lbs
S446KB (DM45R) 50Nm lifts up to 200 lbs
Both used with DD1538HK (see below)
Includes (Also Sold Separately): 60 & 70MM Crowns
60 & 70mm Drives • Bracket • Five Channel Emitter

DD1538HK

DD7002B WiFi Smart Hub
Handheld Emitter DC104 One Channel
Handheld Emitter DC105 Five Channel
Handheld Emitter DC512 Fifteen Channel
Keychain Emitter DC61 One Channel
Wallmounted Emitter DC46 One Channel
Wallmounted Emitter DC49 Two Channel
Twenty Channel Wireless Receiver DC74 (Standard Motors)
DC136 (for 580K)

Hurricane 35
**SIMU ROLL SHUTTER MOTORS: Standard & Override Motor Kits**

## SIMU Motor Specification Chart - NOT compatible with EMS motor products

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Torque</th>
<th>Output Speed</th>
<th>Motor Length</th>
<th>Rated Voltage</th>
<th>Freq.</th>
<th>Rated Power</th>
<th>Rated Current</th>
<th>Continuous Run Time</th>
<th>Protection Degree</th>
<th>Max Limit Turns</th>
<th>Theoretical Lifting Capacity**</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Standard Motors</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>449SK</td>
<td>50 Nm</td>
<td>12 rpm</td>
<td>23.625&quot;</td>
<td>120V</td>
<td>60Hz</td>
<td>210W</td>
<td>2.1A</td>
<td>5min</td>
<td>IP44</td>
<td>28</td>
<td>224lbs-246lbs</td>
</tr>
<tr>
<td>510SK</td>
<td>100 Nm</td>
<td>14 rpm</td>
<td>27.125&quot;</td>
<td>120V</td>
<td>60Hz</td>
<td>430W</td>
<td>3.8A</td>
<td>4min</td>
<td>IP44</td>
<td>22</td>
<td>308lbs-448lbs</td>
</tr>
<tr>
<td><strong>Standard w/Override Motor</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>423SK</td>
<td>50 Nm</td>
<td>12 rpm</td>
<td>25.25&quot;</td>
<td>120V</td>
<td>60Hz</td>
<td>210W</td>
<td>2.1A</td>
<td>5min</td>
<td>IP44</td>
<td>28</td>
<td>224lbs-246lbs</td>
</tr>
<tr>
<td>529SK</td>
<td>100 Nm</td>
<td>14 rpm</td>
<td>26.25&quot;</td>
<td>120V</td>
<td>60Hz</td>
<td>430W</td>
<td>3.8A</td>
<td>4min</td>
<td>IP44</td>
<td>28</td>
<td>308lbs-448lbs</td>
</tr>
<tr>
<td><strong>Remote Motor</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>445SK</td>
<td>50 Nm</td>
<td>12 rpm</td>
<td>26.5&quot;</td>
<td>120V</td>
<td>60Hz</td>
<td>250W</td>
<td>2.1A</td>
<td>5min</td>
<td>IP44</td>
<td>28</td>
<td>224lbs-246lbs</td>
</tr>
<tr>
<td>528SK</td>
<td>100 Nm</td>
<td>14 rpm</td>
<td>28.75&quot;</td>
<td>120V</td>
<td>60Hz</td>
<td>430W</td>
<td>3.8A</td>
<td>4min</td>
<td>IP44</td>
<td>28</td>
<td>308lbs-448lbs</td>
</tr>
<tr>
<td><strong>Remote w/Override Motor</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>446SK</td>
<td>50 Nm</td>
<td>12 rpm</td>
<td>30.25&quot;</td>
<td>120V</td>
<td>60Hz</td>
<td>250W</td>
<td>2.1A</td>
<td>5min</td>
<td>IP44</td>
<td>28</td>
<td>224lbs-246lbs</td>
</tr>
<tr>
<td>527SK</td>
<td>100 Nm</td>
<td>14 rpm</td>
<td>33.75&quot;</td>
<td>120V</td>
<td>60Hz</td>
<td>430W</td>
<td>3.8A</td>
<td>4min</td>
<td>IP44</td>
<td>28</td>
<td>308lbs-448lbs</td>
</tr>
</tbody>
</table>

Lifting Capacity decreases as the height increases.

### SIMU Standard Motor Kit (TYPE 5)

**449SK** (DM45S) 50Nm; 4 Wire equiv. to 449K

Includes (Also Sold Separately):
- 60 & 70MM Crowns
- 60 & 70mm Drives
- Bracket
- Alt. Bracket

**510SK** (DM59S) 100Nm; 4 Wire equiv. to 510K

Includes (Also Sold Separately):
- 70MM Crown
- 70mm Drive
- Bracket
- Alt. Bracket

### SIMU Standard Override Motor Kit (TYPE 5)

**423SK** (DM45SS) 50Nm; 4 Wire equiv. to 423K

Includes (Also Sold Separately):
- 60 & 70MM Crowns
- 60 & 70mm Drives
- Bracket

**529SK** (DM59M) 100Nm; 4 Wire equiv. to 529K

Includes (Also Sold Separately):
- 70MM Crown
- 70mm Drive
- Bracket

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**Eastern Metal Supply**

Quality Shapes In Aluminum

**Hurricane 36**

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**Additional Locations:** West Palm Beach & Lakeland, FL; Newark, DE; Akron, OH, Van Buren, AR; Atlanta, GA and Dallas, TX

**Website:** [www.easternmetal.com](http://www.easternmetal.com)  **E-mail:** info@easternmetal.com  **Version:** 02/01/19
SIMU ROLL SHUTTER MOTORS: Remote Motor Kits

SIMU Remote Motor Kit (TYPE 5)
445SK (DM45R) 50Nm; 3 Wire equiv. to 445K
Includes (Also Sold Separately): 60 & 70MM Crowns
60 & 70mm Drives • Bracket; Single Channel Emitter

SIMU Remote Motor Kit (TYPE 6)
528SK (DM59R) 100Nm; 3 Wire equiv. to 528K
Includes (Also Sold Separately): 70MM Crown • 70mm Drive • Bracket
Alt. Bracket; Single Channel Emitter

SIMU ROLL SHUTTER MOTORS: Remote Override Motor Kits

SIMU Remote Override Motor Kit (TYPE 5)
446SK (DM45R) 50Nm; 3 Wire equiv. to 446K
Includes (Also Sold Separately): 60 & 70MM Crowns
60 & 70mm Drives • Bracket; Single Channel Emitter

SIMU Remote Override Motor Kit (TYPE 6)
527SK (DM59R) 100Nm; 3 Wire equiv. to 527K
Includes (Also Sold Separately): 70MM Crown • 70mm Drive • Bracket
Single Channel Emitter

ROLL SHUTTER MOTORS: Hz Radio Systems Accessories

Hz TRANSMITTER
2006138 White 1 Channel Handheld
2006143 White 5 Channel Handheld
2007350 White 16 Channel Handheld
1810603 White 1 Channel Recessed Designer
1810604 Ivory 5 Channel Recessed Designer

Hz RADIO EXTERNAL KEYPAD
2006029 Up to 2 Hz Motors

Hz 2 CHANNEL KEYCHAIN TRANSMITTER
2005326 ref. 2008329
Hz 2 CHANNEL KEYCHAIN TRANSMITTER
2007526 ref. 2007526

RELAY/ISOLATION CONTROL
1822135 (NON STOCK) For 2 Switches on 1 Motor
1810481 For IGC, Remote for Duals & Sync Kit
1810602 To Make STND. Motor Remote

EXTERNAL RADIO RECEIVER (Non Stock)
1822159 Standard IGC
1822161 (Non Stock)

EXTERNAL SYNC. CONTROL
2282074 (Non Stock) 2 Motors on 1 Master Switch
2282075 (Non Stock) 3 Motors on 1 Master Switch

GROUP RELAY SWITCH
2282074 (Non Stock) 2 Motors on 1 Master Switch
2282075 (Non Stock) 3 Motors on 1 Master Switch

EXTERNAL HZ RECEIVER
2008191 Micro Motor 120V AC

ROLL SHUTTER MOTORS: Miscellaneous Electronics

Eastern Metal Supply
Quality Shapes In Aluminum

EMS FL
1-800-432-2204 (561) 588-4780 - fax
EMS NC
1-800-343-8154 (704) 391-2267 - fax
EMS TX
1-800-996-6061 (281) 656-2297 - fax
EMS MO
1-888-822-6061 (314) 344-3349 - fax

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website: www.easternmetal.com e-mail: info@easternmetal.com version: 02/29/19
## SIMU Motor Specifications - Single Motors (Non-Kits)

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Torque</th>
<th>Output Speed</th>
<th>Tube Diameter</th>
<th>Rated Voltage</th>
<th>Freq.</th>
<th>Rated Power</th>
<th>Rated Current</th>
<th>Rated Run Time</th>
<th>Protection Degree</th>
<th>Max Limit Turns</th>
<th>Lifting Capacity**</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Nm</td>
<td>rpm</td>
<td>mm</td>
<td>V</td>
<td>Hz</td>
<td>W</td>
<td>A</td>
<td>min</td>
<td>IP44</td>
<td>28</td>
<td>143 lbs - 172 lbs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>134 lbs - 148 lbs</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>179 lbs - 195 lbs</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>246 lbs - 358 lbs</td>
</tr>
</tbody>
</table>

### SIMU STANDARD MOTORS (TYPE 5)

**SPECIAL ORDER**

- 535 - 2000648: 35 Nm (18 rpm, 47mm, 120V, 60Hz, 210W, 2.1A, 5 min, IP44, 143 lbs - 172 lbs)
- 540 - 2000652: 40 Nm (12 rpm, 47mm, 120V, 60Hz, 210W, 1.8A, 5 min, IP44, 179 lbs - 195 lbs)

### SIMU OVERRIDE MOTORS (TYPE 5)

**SPECIAL ORDER**

- 530 - 2000774: 30 Nm (12 rpm, 47mm, 120V, 60Hz, 170W, 1.5A, 5 min, IP44, 134 lbs - 148 lbs)
- 535 - 2000771: 35 Nm (18 rpm, 47mm, 120V, 60Hz, 250W, 2.1A, 5 min, IP44, 143 lbs - 172 lbs)
- 540 - 2000775: 40 Nm (12 rpm, 47mm, 120V, 60Hz, 210W, 1.8A, 5 min, IP44, 179 lbs - 195 lbs)

### SIMU STANDARD MOTORS (TYPE 6)

**SPECIAL ORDER**

- 660 - 2000985: 60 Nm (14 rpm, 60mm, 120V, 60Hz, 285W, 2.5A, 4 min, IP44, 185 lbs - 268 lbs)
- 680 - 2000986: 80 Nm (14 rpm, 60mm, 120V, 60Hz, 390W, 3.4A, 4 min, IP44, 246 lbs - 358 lbs)

### MOTOR ADAPTORS (crown & drive) - Sold Separately

- 9012814: TYPE 5 - 60mm Octagonal Set, Aluminum Drive Wheel
- 9012812: TYPE 5 - 70mm Octagonal Set, Aluminum Drive Wheel
- 9012815: TYPE 6 - 70mm Octagonal Set, Aluminum Drive Wheel

### MOTOR BRACKETS - Type 5 & 6

- 9520049: TYPE 5 - Operator Bracket 80mm x 80mm square
- 9520187: TYPE 5 - Operator Bracket 100mm x 100mm square
- DZ315K: TYPE 5 & 6 - DMI Override Operator Bracket ref. 9706034
- 9530018: TYPE 6 - Operator Bracket 100mm x 100mm square

**Hurricane 38**

### Additional Locations

- West Palm Beach & Lakeland, FL; Newark, DE; Akron, OH, Van Buren, AR; Atlanta, GA and Dallas, TX

**website:** www.easternmetal.com  
**e-mail:** info@easternmetal.com  
**version:** 01/31/19
### SIMU Motor Specifications - Single Motors (Non-Kits)

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<th>Rated Voltage</th>
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<th>Rated Current</th>
<th>Continuous Run Time</th>
<th>Protection</th>
<th>Max Limit</th>
<th>Lifting Capacity**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard w/OVERRIDE Motor T8 - 2008302</td>
<td>200 Nm</td>
<td>10 rpm</td>
<td>94mm</td>
<td>120V</td>
<td>60 Hz</td>
<td>600W</td>
<td>5.6A</td>
<td>4min</td>
<td>IP44</td>
<td>490 - 551 lbs</td>
<td></td>
</tr>
<tr>
<td>Standard w/OVERRIDE Motor T8 - 2008303</td>
<td>280 Nm</td>
<td>10 rpm</td>
<td>94mm</td>
<td>120V</td>
<td>60 Hz</td>
<td>820W</td>
<td>6.9A</td>
<td>4min</td>
<td>IP44</td>
<td>686 - 771 lbs</td>
<td></td>
</tr>
</tbody>
</table>

** Lifting Capacity decreases as the height increases.

### ROLL SHUTTER MOTORS by SIMU: Standard Motors - Type 8

**SIMU OVERRIDE MOTORS (TYPE 8)**

**SPECIAL ORDER**

**T8 - 2008302**

200 Nm

**To make Remote Use 1810602**

9001297 Drive

9018069 Bracket

**Drives & Brackets Sold Separately**

**SIMU SLIM OVERRIDE MOTOR (TYPE 8)**

**SPECIAL ORDER**

**T8 - 2008303**

280 Nm

**To make Remote Use**

Smart Motor Control 2005720 and IGC Control 1810481

**Drives & Brackets Sold Separately**

### ROLL SHUTTER MOTORS by SIMU: Toggle Switches

- **MOTOR ADAPTORS (drive)**
  - **9001297**
  - T8 94MM Round Drive Wheel

- **MOTOR BRACKETS**
  - **9018069**
  - T8 Bracket Angle (2 piece set)

- **T8 IDLER SUPPORT**
  - **2003807**

- **94MM IDLE INSERT**
  - **9542008**

### DESIGNER PADDLE SWITCHES

- **Single Pole Maintained**
  - **2005553** Ivory
  - **2005554** White

- **Single Pole Momentary**
  - **2005558** Ivory
  - **2005559** White

### KEY SWITCHES

- **2001547** Maintain
- **2001548** Momentary

**2005752 * Extra Key Blanks**

*Non Stock Item*

### TEST SWITCH

- **2001476** Installation Test switch

**Hurricane 39**

**Additional Locations:** West Palm Beach & Lakeland, FL; Newark, DE; Akron, OH; Van Buren, AR; Atlanta, GA and Dallas, TX

**website:** [www.easternmetal.com](http://www.easternmetal.com)  **e-mail:** info@easternmetal.com  **version:** 02/01/19
### SIMU Motor Specifications - Single Motors (Non-Kits)

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Torque</th>
<th>Output Speed</th>
<th>Tube Diameter</th>
<th>Rated Voltage</th>
<th>Freq.</th>
<th>Rated Power</th>
<th>Rated Current</th>
<th>Continuous Run Time</th>
<th>Protection Degree</th>
<th>Max Limit Turns</th>
<th>Theoretical Lifting Capacity**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote Motor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>520 - 2006353</td>
<td>35 Nm</td>
<td>12 rpm</td>
<td>47mm</td>
<td>120V</td>
<td>60 Hz</td>
<td>130W</td>
<td>1.1A</td>
<td>5 min</td>
<td>IP44</td>
<td>28</td>
<td>82 lbs - 100 lbs</td>
</tr>
<tr>
<td>530 - 2005136</td>
<td>30 Nm</td>
<td>12 rpm</td>
<td>47mm</td>
<td>120V</td>
<td>60 Hz</td>
<td>170W</td>
<td>1.5A</td>
<td>5 min</td>
<td>IP44</td>
<td>28</td>
<td>123 lbs - 148 lbs</td>
</tr>
<tr>
<td>535 - 2005135</td>
<td>35 Nm</td>
<td>18 rpm</td>
<td>47mm</td>
<td>120V</td>
<td>60 Hz</td>
<td>250W</td>
<td>2.1A</td>
<td>5 min</td>
<td>IP44</td>
<td>28</td>
<td>143 lbs - 172 lbs</td>
</tr>
<tr>
<td>Remote w/Override Motor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>530 - 2004673</td>
<td>30 Nm</td>
<td>18 rpm</td>
<td>47mm</td>
<td>120V</td>
<td>60 Hz</td>
<td>170W</td>
<td>1.5A</td>
<td>5 min</td>
<td>IP44</td>
<td>28</td>
<td>123 lbs - 148 lbs</td>
</tr>
<tr>
<td>535 - 2004674</td>
<td>35 Nm</td>
<td>18 rpm</td>
<td>47mm</td>
<td>120V</td>
<td>60 Hz</td>
<td>250W</td>
<td>2.1A</td>
<td>5 min</td>
<td>IP44</td>
<td>28</td>
<td>143 lbs - 172 lbs</td>
</tr>
</tbody>
</table>

** Lifting Capacity decreases as the height increases

### ROLL SHUTTER MOTORS by SIMU: Remote Hz Motors - Type 5

**REMOTE Hz Motors (TYPE 5)**
- SPECIAL ORDER
  - 520 - 2006353: 20 Nm
  - 530 - 2005136: 30 Nm (No Transmitter)
  - 535 - 2005135: 35 Nm

**REMOTE Hz OVERRIDE MOTORS (TYPE 5)**
- SPECIAL ORDER
  - 530 - 2004673*: 30 Nm (No Transmitter)
  - 535 - 2004674: 35 Nm

Crowns, Drives & Brackets Sold Separately

### ROLL SHUTTER MOTORS: Hz Radio Systems Accessories

<table>
<thead>
<tr>
<th><strong>MOTOR ADAPTORS</strong> (crown &amp; drive)</th>
<th><strong>MOTOR BRACKETS</strong></th>
<th><strong>MOTOR BRACKETS</strong></th>
<th><strong>MOTOR BRACKETS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>9012814 TYPE 5 60mm Octagonal Set, Aluminum Drive Wheel</td>
<td>9520049 TYPE 5 Operator Bracket 80mm x 80mm square</td>
<td>9520187 TYPE 5 Operator Bracket 100mm x 100mm square</td>
<td>DZ315K TYPE 5 DMI Override Operator Bracket ref. 9706034</td>
</tr>
<tr>
<td>9012812 TYPE 5 70mm Octagonal Set, Aluminum Drive Wheel</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Device for Home Automation Somfy myLink App 1811264 White
- Hz TRANSMITTER 2006138 White 1 Channel Handheld
- Hz TRANSMITTER 2006143 White 5 Channel Handheld
- Hz TRANSMITTER 1810603 White 1 Channel Recessed Designer
- Hz TRANSMITTER 1810604 Ivory 1 Channel Recessed Designer
- Hz TRANSMITTER 1810813 White 5 Channel Recessed Designer
- Hz TRANSMITTER 1810606 Ivory 5 Channel Recessed Designer
- Hz RADIO EXTERNAL KEYPAD 2006029 Up to 2 Hz Motors
- Hz 2 CHANNEL KEYCHAIN TRANSMITTER 2006526 ref. 2006329
- RELAY/ISOLATION CONTROL 1822135 (NON STOCK) For 2 Switches on 1 Motor
- EXTERNAL RADIO RECEIVER (Non Stock) 1810481 For IGC, Remote for Duals & Sync Kit
- EXTERNAL SYNC. CONTROL For Dual Motors 1822159 Standard IGC 1822161 (Non Stock)
- GROUP RELAY SWITCH 2282074 (Non Stock) 2 Motors on 1 Master Switch
- EXTERNAL HZ RECEIVER 2008191 Micro Motor 120V AC

**Hurricane 40**

### EMS Locations
- **EMS FL** 1-800-432-2204 (561) 588-4780 - fax
- **EMS NC** 1-800-343-8154 (704) 391-2267 - fax
- **EMS TX** 1-800-996-6061 (281) 656-2297 - fax
- **EMS MO** 1-888-822-6061 (314) 344-3349 - fax

**Additional Locations:** West Palm Beach & Lakeland, FL; Newark, DE; Akron, OH, Van Buren, AR; Atlanta, GA and Dallas, TX

**Website:** www.easternmetal.com  **E-mail:** info@easternmetal.com  **Version:** 07/23/19