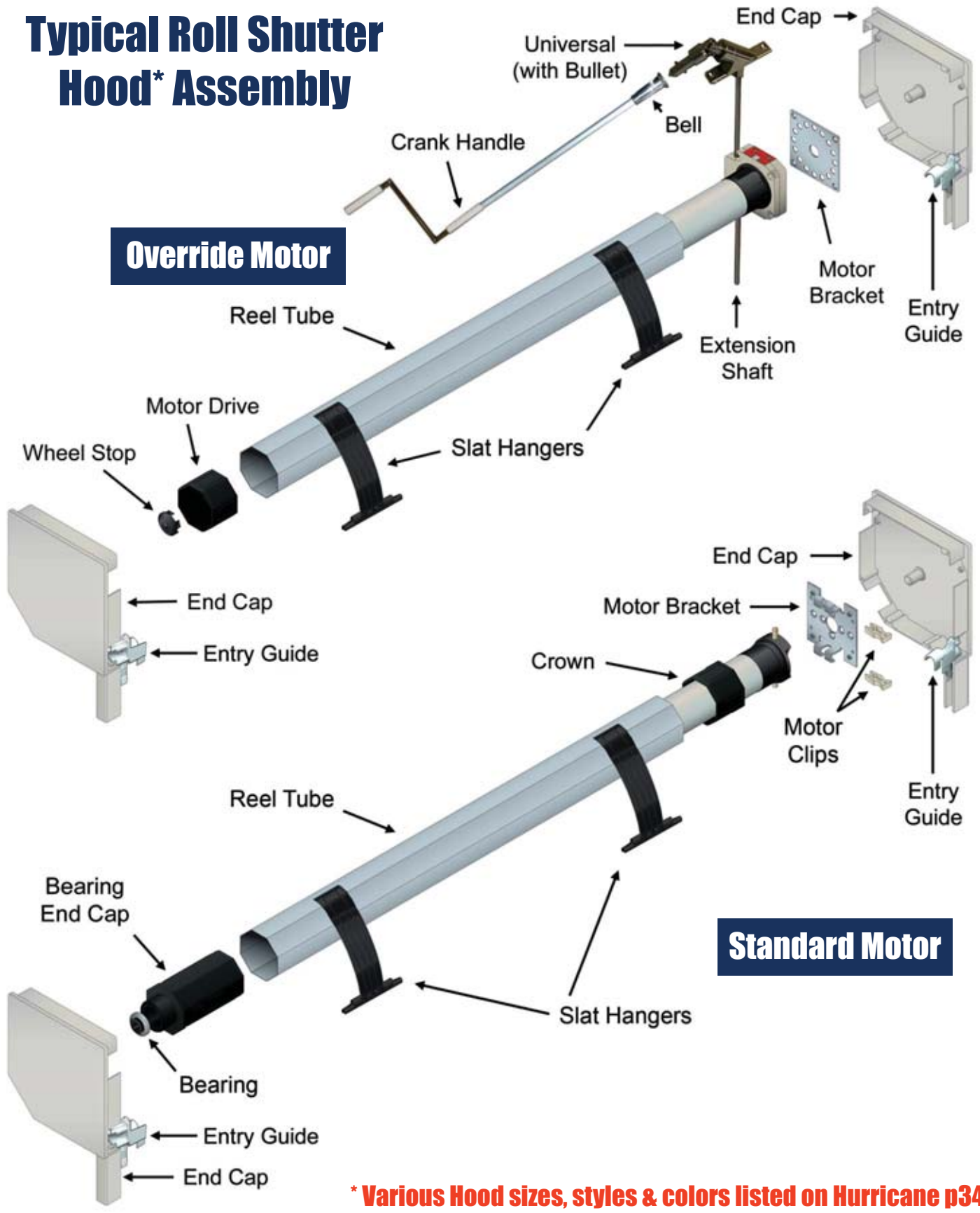


Typical Roll Shutter Hood* Assembly



*** Various Hood sizes, styles & colors listed on Hurricane p34**

Hurricane 26



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

Additional Locations: West Palm Beach & Lakeland, FL; Newark, DE and Birmingham, AL
[website: www.easternmetal.com](http://www.easternmetal.com) [e-mail: info@easternmetal.com](mailto:info@easternmetal.com) [version: 11/05/13](#)

ROLL SHUTTER COMPONENTS: Gears

Gear 11:1 Ratio 7MM Hex 66 lbs. max (plastic)
6A23811PF7
 Gear 8:1 Ratio 7MM Hex 44 lbs. max (plastic)
6A23808PF7



Gear 11:1 Ratio 7mm Hex 66 lbs.max/ZAMAC (metal)
6A23811ZF7
 Gear 8:1 Ratio 7MM Hex 44 lbs.max/ZAMAC (metal)
6A23808ZF7



1424 Simu Gear 11:1 7mm Hex/16mm square
 (Come with Bracket 2003639)
2002146



1424 Simu Gear Connector
Mates with Gears
2002392



ROLL SHUTTER COMPONENTS: Handcranks & Universals

5' Crank Handle w/Bell (NICKEL)
6A322E78215



5' Assembled Awning Handle & Hook
2001892



Hurricane 27



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 (314) 344-3349 - fax

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e-mail: info@easternmetal.com

version: 08/18/16

ROLL SHUTTER COMPONENTS: Handcranks & Universals *(continued)*

90° Hex Drive Universal 2 hole (exterior mount)
includes screw for bullet; bullet sold separately

6A323S584E7

90° Square Drive Universal 2 hole (exterior mount)
includes screw for bullet

2004121



90° Hex Drive Universal 4 hole (interior mount)
includes screw for bullet; bullet sold separately

6A323T584E7

90° Square Drive Universal 4 hole (interior mount)
includes screw for bullet; bullet sold separately

2004125



Bullet for Universal (pivot)

Screw comes with Universal;

Mates with Bell for removeable crank handle

6A32341FX



Universal Hex Coupler for Extension Shaft

Mates with Hex Ext. Shaft for Universals

9685120



Universal Hex Extension Shaft x 13"

Mates with Hex Coupler for Universals

9420659



Handle Lock Wall Clip (plastic)

2005402



Hurricane 28



Eastern Metal Supply

Quality Shapes In Aluminum

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1-800-343-8154

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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: 08/18/16

ROLL SHUTTER COMPONENTS: Crank Extension

CRANK EXTENSION KIT

Includes one of each of the following:

- Crank handle extension (1/2" tube) 2004173
- SS handle for extension (needs pin 2003341) 2004166
- Bell for extension (needs pin 2005400) 2001776
- Roll Pin for Bell 2005400
- Roll Pin for Handle 2003341

CRANK-KIT



Crank Handle Extension

1/2" Tube x 10'

Mates with 2004166; needs pin 2005400

2004173



SS Handle for Extension

Mates with 2004173; Needs pin 2003341

2004166



Bell for Extension

Needs pin 2005400; Mates with Bullet for Crank Rod/Handle

2001776



Roll Pin for Bell

Mates with Bell and Crank Handle Extension

2005400



Roll Pin for Handle

Mates with SS Handle 2004166

2003341



ROLL SHUTTER COMPONENTS: Assist Springs

Assist Spring 60mm 75 lb (34 KG)

6C0445160G2

Assist Spring 60mm 137 lb (62KG)

7014-023

Assist Spring 70mm 132 lb (60 KG)

6C0450140G4

Assist Spring 70mm 220 lb (100 KG)

2005355

Assist Spring 70mm 66 lb (30 kg) SIMU

2002372

All Assist Springs Utilize Plate 6A39438



Hurricane 29



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

Additional Locations: West Palm Beach & Lakeland, FL; Newark, DE and Birmingham, AL

website: www.easternmetal.com

e-mail: info@easternmetal.com

version: 08/18/16

ROLL SHUTTER COMPONENTS: Caps, Pivots and Adapter Rings

60mm Idle Side Adjustable Pivot (metal)
6C66643AL
 70mm Idle Side Adjustable Pivot (metal)
6C66645AL



60mm Idle Side Adjustable Pivot (plastic)
6C66643
 70mm Idle Side Adjustable Pivot (plastic)
6C66645



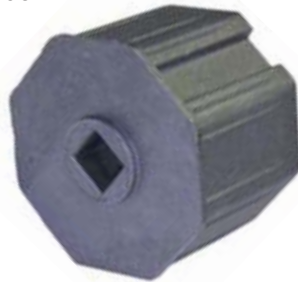
60mm Bearing End Cap (bearing not included)
2003504
 70mm Bearing End Cap (bearing not included)
2003505



60mm Nylon Gear Insert
6D66603



60mm Aluminum Gear Insert (metal)
6C66603AL
 70mm Aluminum Gear Insert (metal)
6C66605AL



60 mm Double Adjustable Cap
6A66743
 70 mm Double Adjustable Cap
6A66745



60mm Adjustable Articulated Cap
6A66753



60mm Cap with Round Pivot (plastic)
6D66633



60mm Aluminum Cap w/Round Pivot (metal)
6D66633AL
 70mm Aluminum Cap w/Round Pivot (metal)
6D66635AL



SIMU 60mm Idler cap (use plate 2003638)
2003592
 SIMU 70mm Idler cap (use plate 2003638)
2003560



60mm Octagonal Adapter Ring for Round Tube
2006280
 70mm Octagonal Adapter Ring for Round Tube
2003501



Hurricane 30



Eastern Metal Supply
 Quality Shapes In Aluminum

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 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: 08/18/16

ROLL SHUTTER COMPONENTS: Bearings and Plates

42 mm Ball Bearing Steel Bushing
6C35802



HD Stainless Steel Bearing
41-HV-SB100 End Bearing
41-HV-SB101 Center Bearing



Bearing Plate (100mm x 100mm)
includes mounting screws
6A39431



Heavy Duty Bearing Plate
(100mm x 100mm)
includes mounting screws
7006107



Plate for Gear (100mm x 100mm)
includes mounting screws
6A39436



Universal Plate for Gear - no pin
(100mm x 100mm)
includes mounting screws
6A39441



Simu 1424 Gear Plate
(for # 2002146)
includes mounting screws
2003639



SIMU Spring Support Plate
(100mm x 100mm) w/retainer clip
includes mounting screws
2003638



Spring Support Plate
(100mm x 100mm) w/retainer screw & nut
includes mounting screws
6A39438



Intermediate Bracket Support
(for continuous units)
2003381



Screws for ALL Plates
(cheese head/4 per plate)
2005563



Hurricane 31



Eastern Metal Supply
Quality Shapes In Aluminum

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(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

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version: 08/18/16

ROLL SHUTTER COMPONENTS: Plugs, Stops, Entry Guides, Slat Hangers, Slat Locks

10 mm - 3/8" Track Plugs
Fits 3/8" drill hole
701277 **White**



5/8" Track Plugs
Fits 5/8" drill hole
58NPWH **White (shown)**
58NPV **Ivory**
58NPBG **Beige**
58NPMB **Bronze**



Conical Stop (*screw included*)
6D3332320 **White (shown)**
2006136 **Ivory**
2006320 **Beige**
2003493 **Bronze**



Entry Guide
(*by the pair - for 40mm*)
6D8642020 **White**



Entry Guide
(*by the pair - for 55mm & 60mm*)
2005490 **White**



Hood Roller 40 x 95 x 30mm
2001826



Slat Hanger
(*for 40mm*)
6A33713FX



Slat Hanger
(*for 55mm, 58mm, 60mm*)
6A33619FX



40mm Slat Lock Guide
40-63-796



60mm Slat Lock Guide
40-63-797



58mm End Retention Slat Lock Guide
40-63-799



58mm Slat Lock Guide (*non retention*)
40-63-798



Hurricane 32



Eastern Metal Supply
Quality Shapes In Aluminum

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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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e-mail: info@easternmetal.com

version: 01/26/17

ROLL SHUTTER COMPONENTS: End Caps

45° End Caps: SMALL LEG (sold by the pair)

Colors Available:

White: W • Bronze: MB • Ivory: IV • Beige: BG • Mill Finish/Silver (no suffix)

- | | |
|----------------------------|------------------------|
| 5" End Cap 125 mm-powder | 2006315COLOR |
| 5.5" End Cap 137 mm-powder | 2002765COLOR |
| 6" End Cap 150 mm-powder | 2005472COLOR |
| 6.5" End Cap 150 mm-powder | 2005327COLOR |
| 7" End Cap 180 mm-powder | 6C81518M20COLOR |
| 8" End Cap 205 mm-powder | 6C81520M20COLOR |
| 10" End Cap 250 mm-powder | 2006459COLOR |



45° End Caps: LARGE LEG (sold by the pair)

Colors Available:

White: W • Bronze: MB • Ivory: IV • Beige: BG • Mill Finish/Silver (no suffix)

- | | | |
|---------------------------|-----------------------|-------|
| 8" End Cap 205 mm-powder | 7008-592COLOR | |
| 10" End Cap 250 mm-powder | 6C8172520COLOR | |
| 12" End Cap 300 mm-powder | 6C8173020COLOR | |
| 10" HD 250MM END CAP KIT | 9018758 | White |
| 12" HD 300MM END CAP KIT | 9018759 | White |
| 14" HD 360MM END CAP KIT | 9018906 | White |



End Cap Kits Include: left & right cap, wall bracket, safety plate, plate support and roller accessory kit

90° End Caps (sold by the pair)

SMALL LEG ONLY

Mill Finish Only

- | | | |
|-------------|-----------------------|-------------|
| 7" End Cap | <u>2002721</u> | Mill Finish |
| 8" End Cap | <u>2002731</u> | Mill Finish |
| 10" End Cap | <u>2002741</u> | Mill Finish |



ROLL SHUTTER COMPONENTS: Safety Plates

SAFETY PLATES (sold by the pair)

- | | |
|------------------------------------|------------------------|
| 180-45 hole 72 (7") use with 60mm | <u>7008-549</u> |
| 205-45 hole 72 (8") use with 60mm | <u>7008-551</u> |
| 205-45 hole 92 (8") use with 70mm | <u>7008-457</u> |
| 250-45 hole 92 (10") use with 70mm | <u>7008-245</u> |
| 300-45 hole 92 (12") use with 70mm | <u>7008-247</u> |



Hurricane 33



Eastern Metal Supply

Quality Shapes In Aluminum

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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 and Birmingham, AL

website: www.easternmetal.com

e-mail: info@easternmetal.com

version: 08/18/16

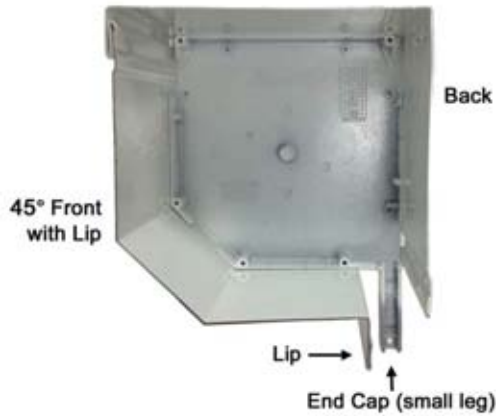
ROLL SHUTTER COMPONENTS: Roll Shutter Hoods (Custom Sizes Available)

45° HOODS - SMALL LEG End Cap

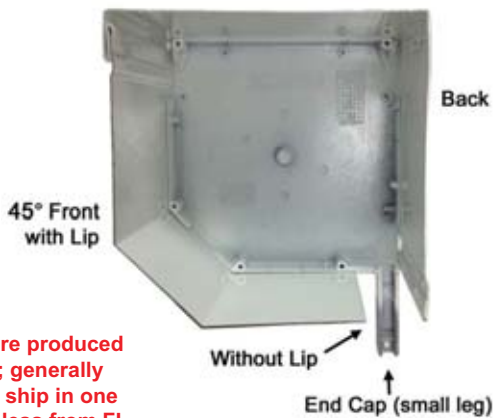
Colors Available: White: WH • Bronze: MB • Ivory: IV • Beige: BG

Product Code	Description	Style
120-COLOR-5FL45	5" HOOD	45° Front with Lip
120-COLOR-5FN45	5" HOOD	45° Front (No Lip)
120-COLOR-5B	5" HOOD	Back
120-COLOR-5.5FL45	5.5" HOOD	45° Front with Lip
120-COLOR-5.5FN45	5.5" HOOD	45° Front (No Lip)
120-COLOR-5.5B	5.5" HOOD	Back
120-COLOR-6FL45	6" HOOD	45° Front with Lip
120-COLOR-6FN45	6" HOOD	45° Front (No Lip)
120-COLOR-6B	6" HOOD	Back
120-COLOR-6.5FL45	6.5" HOOD	45° Front with Lip
120-COLOR-6.5FN45	6.5" HOOD	45° Front (No Lip)
120-COLOR-6.5B	6.5" HOOD	Back
120-COLOR-7FL45	7" HOOD	45° Front with Lip
120-COLOR-7FN45	7" HOOD	45° Front (No Lip)
120-COLOR-7B	7" HOOD	Back
120-COLOR-8FL45	8" HOOD	45° Front with Lip
120-COLOR-8FN45	8" HOOD	45° Front (No Lip)
120-COLOR-8B	8" HOOD	Back

7" 45° HOOD WITH LIP



7" 45° HOOD WITHOUT LIP



Hoods are produced to order; generally ready to ship in one week or less from FL.

45° HOODS – LARGE LEG End Cap

Colors Available: White: WH • Bronze: MB • Ivory: IV • Beige: BG

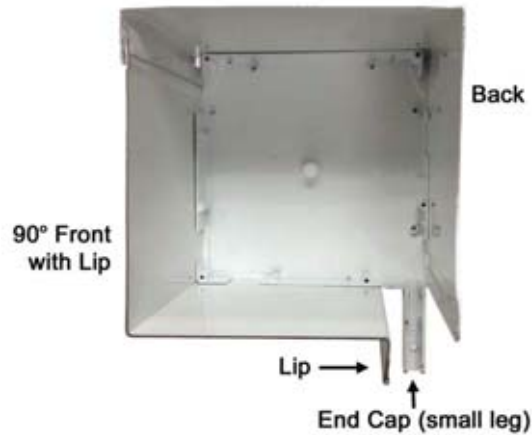
Product Code	Description	Style
120-COLOR-8FL45LL	8" HOOD	45° Front with Lip
120-COLOR-8FN45LL	8" HOOD	45° Front (No Lip)
120-COLOR-8B	8" HOOD	Back
120-COLOR-10FL45	10" HOOD	45° Front with Lip
120-COLOR-10FN45	10" HOOD	45° Front (No Lip)
120-COLOR-10B	10" HOOD	Back
120-COLOR-12FL45	12" HOOD	45° Front with Lip
120-COLOR-12FN45	12" HOOD	45° Front (No Lip)
120-COLOR-12B	12" HOOD	Back



90° HOODS – SMALL LEG End Cap

Colors Available: White: WH • Bronze: MB • Ivory: IV • Beige: BG

Product Code	Description	Style
120-COLOR-7FLSQ9	7" HOOD	90° Front with Lip
120-COLOR-7FNSQ9	7" HOOD	90° Front (No Lip)
120-COLOR-7B	7" HOOD	Back
120-COLOR-8FLSQ	8" HOOD	90° Front with Lip
120-COLOR-8FNSQ	8" HOOD	90° Front (No Lip)
120-COLOR-8B	8" HOOD	Back
120-COLOR-10FLSQ	10" HOOD	90° Front with Lip
120-COLOR-10FNSQ	10" HOOD	90° Front (No Lip)
120-COLOR-10B	10" HOOD	Back



Hurricane 34



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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 and Birmingham, AL

website: www.easternmetal.com

e-mail: info@easternmetal.com

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SIMU MOTOR SPECIFICATION CHART

SIMU Motor Specifications

<u>Model</u>	<u>Rated Torque</u>	<u>Output Speed</u>	<u>Tube Diameter</u>	<u>Rated Voltage</u>	<u>Freq.</u>	<u>Rated Power</u>	<u>Rated Current</u>	<u>Continuos Run Time</u>	<u>Protection Degree</u>	<u>Max Limit Turns</u>	<u>Theoretical Lifting Capacity**</u>
Standard Motor 520 - 2000650	20 N.m	12 rpm	47mm	120V	60 Hz	130W	1.1A	5 min	IP44	28	89 lbs - 98 lbs
Standard Motor 530 - 2000651	30 N.m	12 rpm	47mm	120V	60 Hz	170W	1.5A	5 min	IP44	28	134 lbs - 148 lbs
Standard w/Override Motor 530 - 2000774	30 N.m	12 rpm	47mm	120V	60 Hz	170W	1.5A	5 min	IP44	28	134 lbs - 148 lbs
Remote Motor 530 - 2005136	30 N.m	12 rpm	47mm	120V	60 Hz	170W	1.5A	5 min	IP44	28	134 lbs - 148 lbs
Remote w/Override Motor 530 - 2004673	30 N.m	12 rpm	47mm	120V	60 Hz	170W	1.5A	5 min	IP44	28	134 lbs - 148 lbs
Standard Motor 540 - 2000652	40 N.m	12 rpm	47mm	120V	60 Hz	210W	1.8A	5 min	IP44	28	179 lbs - 195 lbs
Standard w/Override Motor 540 - 2000775	40 N.m	12 rpm	47mm	120V	60 Hz	210W	1.8A	5 min	IP44	28	179 lbs - 195 lbs
Standard Motor 550 - 2000653	50 N.m	12 rpm	47mm	120V	60 Hz	210W	2.1A	5 min	IP44	28	224 lbs - 246 lbs
Standard w/Override Motor 550 - 2000776	50 N.m	12 rpm	47mm	120V	60 Hz	210W	2.1A	5 min	IP44	28	224 lbs - 246 lbs
Remote Motor 550 - 2005776	50 N.m	12 rpm	47mm	120V	60 Hz	250W	2.1A	5 min	IP44	28	224 lbs - 246 lbs
Remote w/Override Motor 550 - 2004675	50 N.m	12 rpm	47mm	120V	60 Hz	250W	2.1A	5 min	IP44	28	224 lbs - 246 lbs
Standard Motor 660 - 2000985	60 N.m	14 rpm	60mm	120V	60 Hz	285W	2.5A	4 min	IP44	22	185 lbs - 268 lbs
Standard w/Override Motor 660 - 2001040	60 N.m	14 rpm	60mm	120V	60 Hz	285W	2.5A	5 min	IP44	28	185 lbs - 268 lbs
Standard Motor 680 - 2000986	80 N.m	14 rpm	60mm	120V	60 Hz	390W	3.4A	4 min	IP44	22	246 lbs - 358 lbs
Standard w/Override Motor 680 - 2001042	80 N.m	14 rpm	60mm	120V	60 Hz	390W	3.4A	5 min	IP44	28	246 lbs - 358 lbs
Remote Motor 680 - 2006061	80 N.m	14 rpm	60mm	120V	60 Hz	390W	3.4A	4 min	IP44	28	246 lbs - 358 lbs
Remote w/Override Motor 680 - 2006057	80 N.m	14 rpm	60mm	120V	60 Hz	390W	3.4A	5 min	IP44	28	246 lbs - 358 lbs
Standard Motor 6100 - 2000987	100 N.m	14 rpm	60mm	120V	60 Hz	430W	3.8A	4 min	IP44	22	308 lbs - 448 lbs
Standard w/Override Motor 6100 - 2001044	100 N.m	14 rpm	60mm	120V	60 Hz	430W	3.8A	5 min	IP44	28	308 lbs - 448 lbs
Remote Motor 6100 - 2006062	100 N.m	14 rpm	60mm	120V	60 Hz	430W	3.8A	4 min	IP44	28	308 lbs - 448 lbs
Remote w/Override Motor 6100 - 2006058	100 N.m	14 rpm	60mm	120V	60 Hz	430W	3.8A	5 min	IP44	28	308 lbs - 448 lbs
Standard Motor T8 - 2004248	200 N.m	10 rpm	94mm	120V	60 Hz	600W	5.1A	4min	IP44	13	551 lbs
Standard w/Override Motor T8 - 2004249	200 N.m	10 rpm	94mm	120V	60 Hz	600W	5.1A	4min	IP44	13	551 lbs

** Lifting Capacity decreases as the height increases.

Hurricane 35



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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 and Birmingham, AL

website: www.easternmetal.com **e-mail:** info@easternmetal.com **version:** 09/02/14

ROLL SHUTTER MOTORS by SIMU: Standard Motors - Type 5

SIMU STANDARD MOTORS (Type 5)

T5 35 Nm 18 rpm 120V (535) **2000648** (Non Stock Item)
 T5 40 Nm 12 rpm 120V (540) **2000652**
 T5 50 Nm 12 rpm 120V (550) **2000653** ref. **449SK**



*Crowns, Drives & Brackets
Sold Separately*

SIMU OVERRIDE MOTORS (Type 5)

DMI5 30 Nm 12 rpm 120V (MO 530) **2000774**
 DMI5 35 Nm 18 rpm 120V (MO 535) **2000771** (Non Stock Item)
 DMI5 40 Nm 12 rpm 120V (MO 540) **2000775**
 DMI5 50 Nm 12 rpm 120V (MO 550) **2000776** (Non Stock Item)



*Crowns, Drives & Brackets
Sold Separately*

MOTOR ADAPTORS
(crown & drive)
T5 60mm Octagonal Set,
Aluminum Drive Wheel
9012814



MOTOR ADAPTORS
(crown & drive)
T5 70mm Octagonal Set,
Aluminum Drive Wheel
9012812



MOTOR BRACKETS
T5 Operator Bracket
80mm x 80mm square
9520049



MOTOR BRACKETS
T5 Operator Bracket
100mm x 100mm square
9520187



MOTOR BRACKETS
T5 DMI Override
Operator Bracket
DZ315K ref. **9706034**



ROLL SHUTTER MOTORS by SIMU: Standard Motors - Type 6

SIMU STANDARD MOTORS (Type 6)

T6 60 Nm 14 rpm 120V (660) **2000985** (Non Stock Item)
 T6 80 Nm 14 rpm 120V (680) **2000986**
 T6 100 Nm 14 rpm 120V (6100) **2000987** (Non Stock Item)



*Crowns, Drives & Brackets
Sold Separately*

SIMU OVERRIDE MOTORS (Type 6)

DMI6 60 Nm 14 rpm 120V (MO 660) **2001040**
 DMI6 80 Nm 14 rpm (MO 680) **2001042** (Non Stock Item)
 DMI6 100 Nm 14 rpm 120V (MO 6100) **2001044**



*Crowns, Drives & Brackets
Sold Separately*

MOTOR ADAPTORS (crown & drive)
T6 70mm Octagonal Set,
Aluminum Drive Wheel
9012815



MOTOR BRACKETS
T6 Operator Bracket (100mm x 100mm sq.)
9530018



MOTOR BRACKETS
T5 DMI Override Operator Bracket
DZ315K ref. **9706034**



Hurricane 36



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EMS TX
1-800-996-6061

(281) 656-2297 - fax

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1-888-822-6061

(314) 344-3349 - fax

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website: www.easternmetal.com

e-mail: info@easternmetal.com

version: 08/18/16

ROLL SHUTTER MOTORS by SIMU: Standard Motors - Type 8

SIMU STANDARD MOTORS (Type 8)
T8 200 Nm 94mm diameter 10 rpm 120V **2004248**



*Crowns, Drives & Brackets
Sold Separately*

SIMU OVERRIDE MOTORS (Type 8)
T8 200 Nm 94mm diameter 10 rpm 120V **2004249**



*Crowns, Drives & Brackets
Sold Separately*

MOTOR ADAPTORS
(crown & drive)
T8 94MM Round Drive
Wheel
9001297



MOTOR BRACKETS
T8 Bracket Angle
(2 piece set)
9001413



T-8 MOTOR ACC.
T8-9 Override Eye & Shaft
9340020



T-8 MOTOR ACC.
T8 Idler Support
2003807



T-8 MOTOR ACC.
94mm Idle Insert
9542008



ROLL SHUTTER MOTORS by SIMU: Toggle Switches

TOGGLE SWITCH
Single Pole Maintained
2005520 Ivory
2005521 White



TOGGLE SWITCH
Single Pole Momentary
2005522 Ivory
2005523 White



KEY SWITCHES
Maintain Key Switch **2001547**
Momentary Key Switch **2001548**
Extra Key Blanks **2005752** (Non Stock Item)



DESIGNER PADDLE SWITCHES
Single Pole Maintained
2005553 Ivory
2005554 White



DESIGNER PADDLE SWITCHES
Single Pole Momentary
2005558 Ivory
2005559 White



TEST SWITCH
Installation Test switch
2001476



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Eastern Metal Supply
Quality Shapes In Aluminum

EMS FL
1-800-432-2204
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(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 and Birmingham, AL

website: www.easternmetal.com **e-mail:** info@easternmetal.com **version:** 08/18/16

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

REMOTE Hz (Type 5)

T5Hz 20 Nm 12 rpm 120V (Hz 520)
 T5Hz 30 Nm 12 rpm 120V (Hz 530)
 T5Hz 35 Nm 18 rpm 120V (Hz 535)
 T5Hz 50 Nm 12 rpm 120 V (Hz 550)

2006353 (Non Stock)
2005136*
2005135 (Non Stock)
2005776 ref. 445SK

* No Transmitter



*Crowns, Drives & Brackets
Sold Separately*

REMOTE Hz OVERRIDE MOTORS (Type 5)

DMI5Hz 30 Nm 12 rpm 120 V (MO Hz 530) **2004673***
 DMI5Hz 35 Nm 18 rpm 120 V (MO Hz 535) **2004674** (Non Stock)
 DMI5Hz 50 Nm 12 rpm 120 V (MO Hz 550) **2004675** ref. 446SK

* No Transmitter



*Crowns, Drives & Brackets
Sold Separately*

MOTOR ADAPTORS (crown & drive)

T5 60mm Octagonal Set,
 Aluminum Drive Wheel
9012814



MOTOR ADAPTORS (crown & drive)

T5 70mm Octagonal Set,
 Aluminum Drive Wheel
9012812



MOTOR BRACKETS

T5 Operator Bracket
 80mm x 80mm square
9520049



MOTOR BRACKETS

T5 Operator Bracket
 100mm x 100mm square
9520187



MOTOR BRACKETS

T5 DMI Override
 Operator Bracket
DZ315K ref. 9706034



ROLL SHUTTER MOTORS by SIMU: Remote Hz Motors - Type 6

REMOTE Hz MOTORS (Type 6)

T6Hz 80 Nm 14 rpm 120V (Hz 680)
 T6Hz 100 Nm 14 rpm 120V (Hz 6100)

2006061*
2006062 ref. 528SK

* No Transmitter



*Crowns, Drives & Brackets
Sold Separately*

REMOTE Hz OVERRIDE MOTORS (Type 6)

DMI6Hz 80 Nm 14 rpm 120V (MO Hz 680) **2006057***
 DMI6Hz 100 Nm 14 rpm 120V (MO Hz 6100) **2006058** ref. 2007156

* No Transmitter



*Crowns, Drives & Brackets
Sold Separately*

MOTOR ADAPTORS (crown & drive)

T6 70mm Octagonal Set,
 Aluminum Drive Wheel
9012815



MOTOR BRACKETS

T6 Operator Bracket (100mm x 100mm sq.)
9530018



MOTOR BRACKETS

T5 DMI Override Operator Bracket
DZ315K ref. 9706034



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ROLL SHUTTER MOTORS: Hz Radio Systems Accessories

<p>Home Automation 1811403 White</p>  <p style="font-size: small; text-align: center;">The Somfy myLink plugs directly into any standard wall outlet and communicates over your home's WiFi network.</p>	<p>Hz TRANSMITTER 1 Channel Handheld 2006138 White</p> 	<p>Hz TRANSMITTER 5 Channel Handheld 2006143 White</p> 	
<p>Hz TRANSMITTER 1 Channel Recessed Designer 1810603 White 1810604 Ivory</p> 	<p>Hz TRANSMITTER 5 Channel Recessed Designer 1810813 White 1810606 Ivory</p> 	<p>Hz RADIO EXTERNAL KEYPAD Up to 2 Hz Motors 2006029</p> 	<p>Hz 2 CHANNEL KEYCHAIN TRANSMITTER 2005326 ref. 2008329</p> 

ROLL SHUTTER MOTORS: Miscellaneous Electronic Components

<p>RELAY/ISOLATION CONTROL For 2 Switches on 1 Motor 1822135 (Non Stock)</p> 	<p>EXTERNAL RADIO RECEIVER For IGC; Remote for Duals & Sync Kit 1810481 (Non Stock)</p> <p>To Make STND. Motor Remote 1810602</p> 
<p>EXTERNAL SYNC. CONTROL For Dual Motors Standard 1822159 IGC 1822161 (Non Stock)</p> 	<p>GROUP RELAY SWITCH 2 Motors on 1 Master Switch 2282074 (Non Stock)</p> <p>3 Motors on 1 Master Switch 2282075 (Non Stock)</p> 

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ROLL SHUTTER MOTORS: EMS Brand Standard & Override Motors

EMS Brand Motor Specification Chart

Model	Rated Torque	Output Speed	Tube Diameter	Rated Voltage	Freq.	Rated Power	Rated Current	Continuous Run Time	Protection Degree	Max Limit Turns	Theoretical Lifting Capacity**
Standard Motor											
449K	50 N.m	13 rpm	45mm	120V	60Hz	235W	2.2A	4min	IP44	22	130lbs - 210 lbs
Standard w/Override Motor											
423K	50 N.m	13 rpm	45mm	120V	60Hz	235W	2.2A	4min	IP44	22	130lbs - 210 lbs
Remote Motor											
445K	50 N.m	13 rpm	45mm	120V	60Hz	235W	2.2A	4min	IP44	22	130lbs - 210 lbs
Remote w/Override Motor											
446K	50 N.m	13 rpm	45mm	120V	60Hz	235W	2.2A	4min	IP44	22	130lbs - 210 lbs
Standard Motor											
510K	100 N.m	11 rpm	59mm	120V	60Hz	340W	2.94A	4min	IP44	22	256lbs - 386lbs
Standard w/Override Motor											
529K	100 N.m	11 rpm	59mm	120V	60Hz	340W	2.94A	4min	IP44	22	256lbs - 386lbs
Remote Motor											
528K	100 N.m	11 rpm	59mm	120V	60Hz	340W	2.94A	4min	IP44	22	256lbs - 386lbs
Remote w/Override Motor											
527K	100 N.m	11 rpm	59mm	120V	60Hz	340W	2.94A	4min	IP44	22	256lbs - 386lbs
Standard w/Override Motor											
580K (NOT UL LISTED)	300 N.m	11 rpm	92mm	120V	60Hz	881W	8.17A	4min	IP44	30	760lbs - 1015lbs

** Lifting Capacity decreases as the height increases.

EMS Brand (Type 5) Standard Motor
DM45S 50NM 13RPM 120V (same as 550)
449K

Includes (Also Sold Separately):
60 & 70MM Crowns 60-DH01 / 70-DH154
60 & 70mm Drives 60-DL03 / 70-DL131
Bracket DZ06 Alt. Bracket DZ04



EMS Brand (Type 6) Standard Motor
DM59S 100NM 11RPM 120V (same as 6100)
510K

Includes (Also Sold Separately):
70MM Crown DH140
70mm Drive DL157
Bracket DZ193 Alt. Bracket DZ10



EMS Brand (Type 5) Override Motor
DM45S 50NM 13RPM 120V
(same as 550)
423K

Includes (Also Sold Separately):
60 & 70MM Crowns 60-DH01 / 70-DH154
60 & 70mm Drives 60-DL03 / 70-DL131
Bracket DZ174K



EMS Brand (Type 6) - NEW MOTOR
Override Motor
DM59M 100NM 11RPM 120V
(Same as 6100)
529K

Includes (Also Sold Separately):
70MM Crown DH140
70mm Drive DL157
Bracket DZ174K



EMS Brand (Type 9) Override Motor
DM92M 300NM 11RPM 120V
(same as T-9)
580K (NOT UL LISTED)

4-6 week lead time
Includes (Also Sold Separately):
100MM Crown DH97
100mm Drive DL112
No Bracket - Direct Mount



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Eastern Metal Supply
Quality Shapes In Aluminum

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EMS MO

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ROLL SHUTTER MOTORS: EMS Brand Remote Motors

EMS Brand (Type 5)
DM45R 50NM 13RPM 120V W/REMOTE
(same as 550)
445K



Includes (Also Sold Separately):
60 & 70MM Crowns 60-DH01 / 70-DH154
60 & 70mm Drives 60-DL03 / 70-DL131
Bracket DZ06
Alt. Bracket DZ04
Single Channel Emitter DC90
(see below)

EMS Brand (Type 6)
DM59R 100NM 11RPM 120V W/REMOTE
(same as 6100)
528K



Includes (Also Sold Separately):
70MM Crown DH140
70mm Drive DL157
Bracket DZ193
Alt. Bracket DZ10
Single Channel Emitter DC90
(see below)

ROLL SHUTTER MOTORS: EMS Brand Remote Override Motors

EMS Brand (Type 5)
DM45R 50NM 13RPM 120V W/REMOTE
(same as 550)
446K



Includes (Also Sold Separately):
60 & 70MM Crowns 60-DH01 / 70-DH154
60 & 70mm Drives 60-DL03 / 70-DL131
Bracket DZ174K
Single Channel Emitter DC90
(see below)

EMS Brand (Type 6)
DM59R 100NM 11RPM 120V W/REMOTE
(same as 6100)
527K



Includes (Also Sold Separately):
70MM Crown DH140
70mm Drive DL157
Bracket DZ174K
Single Channel Emitter DC90
(see below)

ROLL SHUTTER MOTORS: EMS Brand Miscellaneous Electronics

Handheld Emitter
One Channel **DC90**
(comes w/remote motors)
One Channel **DC104**



Handheld Emitter
Five Channel **DC105**
Fifteen Channel **DC512**



One Channel
Keychain Emitter
DC61



Wallmounted Emitter
One Channel **DC48**
Two Channel **DC49**



Twenty Channel
Wireless Receiver
DC74
(makes Std Motor a remote)



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