

Rollease Acmeda 100 Extreme Crank Gear/Motorized



S100 EXTREME

The S100 Extreme System is designed for oversized commercial and residential applications requiring a secure and robust window covering solution. The S100 Extreme can be operated manually using a crank gear control system or it can be motorized to operate shades up to 23 feet wide.

With a selection of three heavy duty tube options - 110mm (4.33"), 130mm (5.11"), 160mm (6.30") extruded in a high grade aluminum alloy, superior design hardware and stainless steel components, the S100 Extreme System is built to endure outdoor weather conditions and operate significantly heavy shades while maintaining an attractive finish that matches the aesthetics of the shade. The perfect solution for both internal and external applications, the S100 Extreme system creates an opportunity to achieve greater, beautiful shades.

AESTHETIC FEATURES

- Powder coated robust die cast brackets.
- Stylish cassette hides componentry while offering a sophisticated overall look.
- Cassette features color matched end plates.

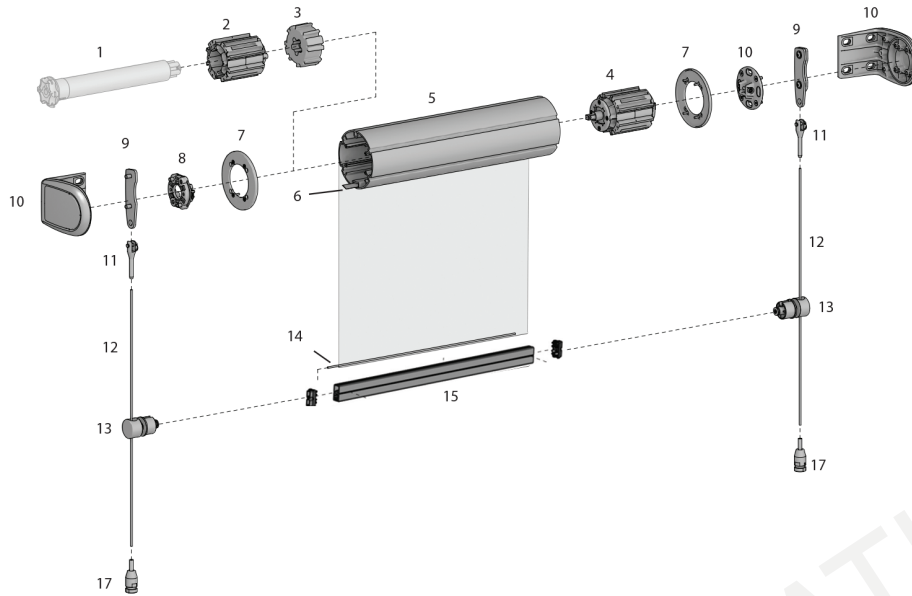
ASSEMBLY / INSTALLATION BENEFITS

- Zamack adaptor (for star head motor only) with fixing screws to ensure a secure motor attachment for large shades.
- Round heavy duty weight bar with floating end cap for self-adjusting alignment .
- Easy wire guide tensioning at base of shade for adjustment and maintenance.
- Optional tension spring provides virtually maintenance free wire guide tension, automatically adjusting to cable stretch and contraction.
- Adjustable bearing idler.
- Choice of three rigid design aluminum tube sizes; 110mm, 130mm & 160mm with simple spline and component attachments.

FUNCTIONAL BENEFITS

- Motorized or gear control options.
- Top, Face and Side fix applications.
- Heavy duty tubes & weight bar to achieve wider spans.
- Cassette provides added protection for fabric roll.
- Secure Stainless Steel Wire Guide System.

Rollease Acmeda S100 Extreme



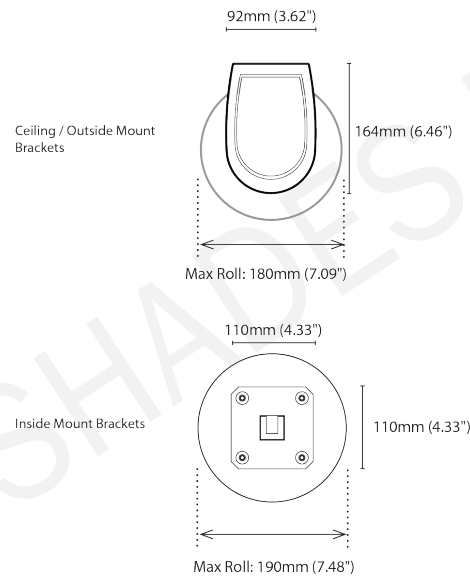
1. Somfy Motor
2. Extreme Universal Crown Wheel
3. Extreme Drive Wheel
4. Extreme Bearing Idler
5. S100 Aluminum Tube
6. 15mm (0.59") Flat Spline [OR 6mm (0.24") round spline*]
7. Extreme Tube End Plate [STD, HD & XHD]
8. SOMFY Zamack Adaptor
9. Extreme Wire Guide Adapter - Ceiling Mount
10. Extreme Bracket Set - Ceiling, Outside Mount
11. Fork Swage Terminal
12. Stainless Steel Wire - 4mm
13. Extreme FD42 Wire Guide End Cap
14. 3.5mm (0.14") Round Spline *
15. Extreme FD42 Weight Bar
16. Weight Bar Ballast * [max 28 Diameter]
17. Tension Bracket & Flat Head Stud Terminal

Hardware Colors

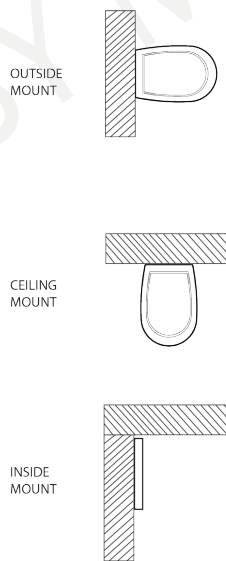


SPECIFICATIONS: S100 EXTREME S100 SYSTEM

BRACKET DIMENSIONS



MOUNTING OPTIONS



SYSTEM OPTIONS

INSIDE MOUNT BRACKETS



WALL MOUNT BRACKET

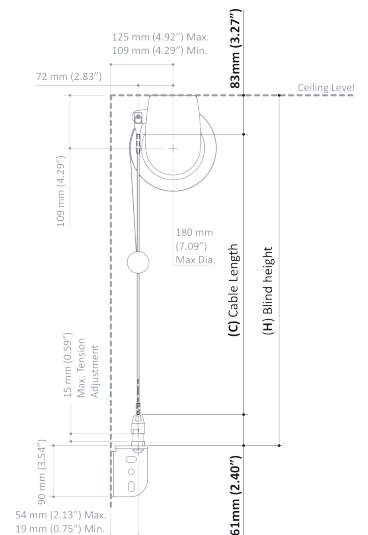


GEAR CONTROL



DEDUCTIONS*

Ceiling/Outside Mount Motorized Example Shown



RECOMMENDED MAXIMUM WIDTH - MOTORIZED SYSTEM *

TUBE	MAX WIDTH	MAX DROP
S100 110mm (4.33")	5.6 metres (18.37')	10 metres (32.8')
S100 130mm (5.12")	6.6 metres (21.65')	10 metres (32.8')
S100 160mm (6.30")	7.8 metres (25.59')	10 metres (32.8')

RECOMMENDED MAXIMUM WIDTH - GEAR SYSTEM *

TUBE	MAX WIDTH	MAX DROP
S100 110mm (4.33")	5.6 metres (18.37')	4 metres (13.12')
S100 130mm (5.12")	6.6 metres (21.65')	4 metres (13.12')

* Refer to Product Specifications Manual for further details.

Rollease Acmeda S100 Extreme

S100 System Capacity Chart

MOTOR - 110 (4.33") / 130 (5.11") / 160mm (6.30") Tube

		FABRIC: 520gsm / 15.34oz/yd ²																
		WIDTH (ft/m)																
DROP		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		
ft	m	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8
3	1.0																	
4	1.5																	
5	2.0																	
6	2.5																	
7	3.0																	
8	3.5																	
9	4.0																	
10	4.5																	
11	5.0																	
12	5.5																	
13	6.0																	
14	6.5																	
15	7.0																	
16	7.5																	
17	8.0																	
18	8.5																	
19	9.0																	
20	9.5																	
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		

LEGEND	DESCRIPTION
	110 mm (4.33") Tube
	130 mm (5.11") Tube
	160 mm (6.30") Tube
	160 mm (6.30") Tube - Spliced

LEGEND	DESCRIPTION
	Above theoretical system weight limit 165lbs (75kg)
	Above theoretical span limit

CRANK GEAR - 110 (4.33") / 130mm (5.11") Tube

		FABRIC: 520gsm / 15.34oz/yd ²																
		WIDTH (ft/m)																
DROP		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
ft	m	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6
3	1.0																	
4	1.5																	
5	2.0																	
6	2.5																	
7	3.0																	
8	3.5																	
9	4.0																	
10																		
11																		
12																		
13																		

		FABRIC: 750gsm / 22.11oz/yd ²																
		WIDTH (ft/m)																
DROP		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
ft	m	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6
3	1.0																	
4	1.5																	
5	2.0																	
6	2.5																	
7	3.0																	
8	3.5																	
9	4.0																	
10																		
11																		
12																		
13																		

LEGEND	DESCRIPTION
	110 mm (4.33") Tube
	130 mm (5.11") Tube

LEGEND	DESCRIPTION
	Above theoretical system weight limit 165lbs (75kg)



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S100 System Capacity Chart

RECOMMENDED MAXIMUM SHADE DROP & WIDTH - 110 / 130 / 160mm Tube

TUBE SIZE	MOTORIZED		GEAR		CRANK/MOTORIZED BOX 190	
	MAX WIDTH	MAX DROP	MAX WIDTH	MAX DROP	MAX WIDTH	MAX DROP
110mm	5.6m [18'4"]	10m [32'9"]	5.6m [18'4"]	4.0m	5.6m [18'4"]	10m [32'9"]
130mm	6.6m [21'7"]	10m [32'9"]	6.6m [21'7"]	4.0m	6.6m [21'7"]	6.5m [21'3"]
160mm	7.0m [23"]	10m [32'9"]	NA	NA	NA	NA

NOTE: Calculations based on 0.7mm thick fabric

* Shade drop can exceed value but is not recommended.

MOTOR - 110 / 130 / 160mm Tube

FABRIC: 520gsm (15.34oz/yd²)

DROP		WIDTH [ft/m]																						System
		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27								
ft	m	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0
3	1.0																							
4	1.2																							
5	1.5																							
6	1.8																							
7	2.0																							
8	2.5																							
9	3.0																							
10	3.0																							
11	3.5																							
12	4.0																							
13	4.0																							
14	4.5																							
15	5.0																							
16	5.5																							
17	5.5																							
18	6.0																							
19	6.0																							
20	6.5																							
21	6.5																							
22	7.0																							
23	7.0																							
24	7.5																							
25	8.0																							
26	8.0																							
27	8.5																							
28	8.5																							
29	9.0																							
30	9.5																							
31	9.5																							
10.0																								

Box or Open

All Except Box 130 100

* Fabric Thickness specifications only apply to S100 Extreme Top/Face Fix / Face Fix Brackets, for S100 Extreme Side Fix/Side Fix Brackets Fabric Thickness is irrelevant if there is sufficient installation space. Maximum Face Fix Bracket Capacity: 165lbs Combined

LEGEND	DESCRIPTION
	160 130 110mm Tube
	160 130mm Tube
	160mm Tube
	160mm Tube - Spliced
	Above theoretical span limit

CRANK GEAR - 110 / 130mm Tube

FABRIC: 520gsm (15.34oz/yd²)

DROP		WIDTH (ft/m)																						System
		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23								
ft	m	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8
3	1.0																							
4	1.2																							
5	1.5																							
6	1.8																							
7	2.0																							
8	2.5																							
9	3.0																							
10	3.5																							
11	4.0																							
12	4.5																							
13	5.0																							

Box or Open

FABRIC: 750gsm (22.12oz/yd²)

		WIDTH (ft/m)																							System
DROP		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23									
ft	m	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	
3	1.0																								
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6	1.8																								
7	2.0																								
8	2.5																								
9	3.0																								
10	3.5																								
11	4.0																								
12	4.5																								
13	5.0																								

		WIDTH (ft/m)																							System
DROP		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23									
ft	m	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	
3	1.0																								
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5	1.5																								
6	1.8																								
7	2.0																								
8	2.5																								
9	3.0																								
10	3.5																								
11	4.0																								
12	4.5																								
13	5.0																								

* Fabric Thickness specifications only apply to S100 Extreme Top/Face Fix / Face Fix Brackets, for S100 Extreme Side Fix/Side Fix Brackets Fabric Thickness is irrelevant if there is sufficient installation space. Maximum Face Fix Bracket Capacity: 75kg Combined

The above charts are indicative.

LEGEND	DESCRIPTION
	130 110mm Tube
	130mm Tube
	Above theoretical system weight limit 75kg

