

S100 EXTREME SYSTEM PRODUCT SPECIFICATIONS



APRIL 2016

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DISCLAIMER

INTRODUCTION

This Product Specifications manual for Extreme has been produced by Rollease Acmeda to supply the necessary information for the safe and correct installation of Extreme.

DISCLAIMER

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SECTION A / PART 1 - SPECIFICATION CHARTS

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

FABRIC: 520gsm / 15.34oz/yd²																																	
		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	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	3.5																																
11	4.0																																
12	4.5																																
13	5.0																																
14	5.5																																
15	6.0																																
16	6.5																																
17	7.0																																
18	7.5																																
19	8.0																																
20	8.5																																
21	9.0																																
22	9.5																																
23	10.0																																
24	10.5																																
25	11.0																																
26	11.5																																
27	12.0																																
28	12.5																																
29	13.0																																
30	13.5																																
31	14.0																																

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

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

SECTION A / PART 1 - SPECIFICATION CHARTS cont...

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

FABRIC: 750gsm / 22.11oz/yd²																										
		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	7.0	7.2	7.4	7.6	7.8	8.0		
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

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

SECTION A / PART 2 - SPECIFICATION CHARTS

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

FABRIC: 520gsm/ 15.34oz/yd ²																													
DROP		WIDTH (ft/m)																											
		9		10		11		12		13		14		15		16		17		18		19		20		21		22	
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	1.5																												
5	2.0																												
6	2.5																												
7	3.0																												
8	3.5																												
9	4.0																												
10																													
11																													
12																													
13																													

FABRIC: 750gsm/ 22.11oz/yd²																								
DROP		WIDTH (ft/m)																						
		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	1.5																							
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)

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

The above charts are indicative.

SECTION A / PART 3 - SPECIFICATION CHARTS

SYSTEM WEIGHTS - MOTORIZED - TOP / OUTSIDE MOUNT 15.34 oz/yd² FABRIC

110mm (4.33") TUBE																																					
		WIDTH (ft/m)																																			
DROP		9		10	11		12		13		14		15		16	17		18		19		20		21		22		23		24		25		26		27	
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	7.0	7.2	7.4	7.6	7.8	8.0							
1	0.5	36	38	39	41	43	45	47	49	50	52	54	56	58	60	62	63	65	67	69	71	73	74	76	78	80	82	84	86	87							
2	1.0	37	39	41	43	45	47	49	51	53	55	57	59	61	63	65	67	68	70	72	74	76	78	80	82	84	86	88	90	92							
3		37	39	41	43	45	47	49	51	53	55	57	59	61	63	65	67	68	70	72	74	76	78	80	82	84	86	88	90	92							
4	1.5	39	41	43	45	47	49	51	53	55	57	59	61	63	65	68	70	72	74	76	78	80	82	84	86	88	90	92	95	97							
5		39	41	43	45	47	49	51	53	55	57	59	61	63	65	68	70	72	74	76	78	80	82	84	86	88	90	92	95	97							
6	2.0	40	42	44	46	49	51	53	55	57	60	62	64	66	68	71	73	75	77	79	82	84	86	88	90	92	95	97	99	101							
7		40	42	44	46	49	51	53	55	57	60	62	64	66	68	71	73	75	77	79	82	84	86	88	90	92	95	97	99	101							
8	2.5	41	44	46	48	51	53	55	57	60	62	64	67	69	71	74	76	78	80	83	85	87	90	92	94	97	99	101	104	106							
9		41	44	46	48	51	53	55	57	60	62	64	67	69	71	74	76	78	80	83	85	87	90	92	94	97	99	101	104	106							
10	3.0	43	45	48	50	52	55	57	60	62	64	67	69	72	74	77	79	81	84	86	89	91	94	96	98	101	103	106	108	110							
11		43	45	48	50	52	55	57	60	62	64	67	69	72	74	77	79	81	84	86	89	91	94	96	98	101	103	106	108	110							
12	3.5	44	47	49	52	54	57	59	62	64	67	69	72	75	77	80	82	85	87	90	92	95	97	100	102	105	107	110	113	115							
13		44	47	49	52	54	57	59	62	64	67	69	72	75	77	80	82	85	87	90	92	95	97	100	102	105	107	110	113	115							
14	4.0	45	48	51	53	56	59	61	64	67	69	72	75	77	80	83	85	88	91	93	96	98	101	104	106	109	112	114	117	120							
15		45	48	51	53	56	59	61	64	67	69	72	75	77	80	83	86	88	91	94	97	99	102	105	108	110	113	116	119	122	124						
16	5.0	48	51	54	57	60	63	66	68	71	74	77	80	83	86	89	91	94	97	100	103	106	109	112	114	117	120	123	126	129							
17		48	51	54	57	60	63	66	68	71	74	77	80	83	86	89	91	94	97	100	103	106	109	112	114	117	120	123	126	129							
18	5.5	50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	116	119	122	125	128	130	133							
19		50	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	116	119	122	125	128	130	133							
20	6.0	51	54	57	60	64	67	70	73	76	79	82	85	88	91	95	98	101	104	107	110	113	116	119	123	126	129	132	135	138							
21		51	54	57	60	64	67	70	73	76	79	82	85	88	91	95	98	101	104	107	110	113	116	119	123	126	129	132	135	138							
22	6.5	52	56	59	62	65	69	72	75	78	81	85	88	91	94	98	101	104	107	110	114	117	120	123	127	130	133	136	139	143							
23		52	56	59	62	65	69	72	75	78	81	85	88	91	94	98	101	104	107	110	114	117	120	123	127	130	133	136	139	143							
24	7.0	54	57	61	64	67	71	74	77	81	84	87	91	94	97	101	104	107	111	114	117	121	124	127	131	134	137	141	144	147							
25		54	57	61	64	67	71	74	77	81	84	87	91	94	97	101	104	107	111	114	117	121	124	127	131	134	137	141	144	147							
26	7.5	55	59	62	66	69	73	76	79	83	86	90	93	97	100	104	107	110	114	117	121	124	128	131	135	138	142	145	148	152							
27		55	59	62	66	69	73	76	79	83	86	90	93	97	100	104	107	110	114	117	121	124	128	131	135	138	142	145	148	152							
28	8.0	57	60	64	67	71	74	78	82	85	89	92	96	99	103	107	110	114	117	121	124	128	132	135	139	142	146	149	153	157							
29		57	60	64	67	71	74	78	82	85	89	92	96	99	103	107	110	114	117	121	124	128	132	135	139	142	146	149	153	157							
30	8.5	58	62	65	69	73	76	80	84	88	91	95	99	102	106	110	113	117	121	124	128	132	135	139	143	146	150	154	157	161							
31		58	62	65	69	73	76	80	84	88	91	95	99	102	106	110	113	117	121	124	128	132	135	139	143	146	150	154	157	161							
32	9.0	59	63	67	71	75	78	82	86	90	94	97	101	105	109	113	116	120	124	128	132	135	139	143	147	151	154	158	162	166							
33		59	63	67	71	75	78	82	86	90	94	97	101	105	109	113	116	120	124	128	132	135	139	143	147	151	154	158	162	166							
34	9.5	61	65	69	73	76	80	84	88	92	96	100	104	108	112	116	120	123	127	131	135	139	143	147	151	155	159	163	166	170							
35		61	65	69	73	76	80	84	88	92	96	100	104	108	112	116	120	123	127	131	135	139	143	147	151	155	159	163	166	170							
36	10.0	62	66	70	74	78	82	86	90	94	98	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175							
37		62	66	70	74	78	82	86	90	94	98	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175							

The weight listed in the above chart is indicative only. Weights are based on theoretical calculations and limited to a maximum system weight of 165lbs & 130 tube length of 6.0m. (Typical case based on - Top/Outside Mount, 110mm Tube, Motor & 15.34oz/yd² Fabric)
 Rollease Acmeda recommend weighing the actual system in order to determine appropriate Fixings required.

SECTION A / PART 3 - SPECIFICATION CHARTS cont...

SYSTEM WEIGHTS - MOTORIZED - TOP / OUTSIDE MOUNT 15.34 oz/yd² FABRIC

130mm (5.11") TUBE																																						
		WIDTH (ft/m)																																				
DROP		9		10	11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27	
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	7.0	7.2	7.4	7.6	7.8	8.0								
1	0.5	46	49	52	55	57	60	63	66	68	71	74	77	79	82	85	88	90	93	96	99	102	104	107	110	113	115	118	121	124								
2																																						
3	1.0	48	51	53	56	59	62	65	68	71	74	76	79	82	85	88	91	94	97	99	102	105	108	111	114	117	120	123	125	128								
4																																						
5	1.5	49	52	55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106	109	112	115	118	121	124	127	130	133								
6	2.0	50	54	57	60	63	66	69	72	75	78	82	85	88	91	94	97	100	103	106	110	113	116	119	122	125	128	131	134	137								
7																																						
8	2.5	52	55	58	62	65	68	71	74	78	81	84	87	91	94	97	100	103	107	110	113	116	120	123	126	129	132	136	139	142								
9	3.0	53	57	60	63	67	70	73	77	80	83	87	90	93	97	100	103	107	110	113	117	120	123	127	130	133	137	140	143	147								
10																																						
11	3.5	55	58	62	65	68	72	75	79	82	86	89	93	96	100	103	106	110	113	117	120	124	127	131	134	137	141	144	148	151								
12																																						
13	4.0	56	60	63	67	70	74	77	81	85	88	92	95	99	102	106	110	113	117	120	124	127	131	135	138	142	145	149	152	156								
14	4.5	57	61	65	68	72	76	80	83	87	91	94	98	102	105	109	113	116	120	124	127	131	135	138	142	146	149	153	157	161								
15																																						
16	5.0	59	63	66	70	74	78	82	85	89	93	97	101	104	108	112	116	120	123	127	131	135	139	142	146	150	154	158	161	165								
17	5.5	60	64	68	72	76	80	84	88	92	95	99	103	107	111	115	119	123	127	131	135	138	142	146	150	154	158	162	166	170								
18																																						
19	6.0	62	66	70	74	78	82	86	90	94	98	102	106	110	114	118	122	126	130	134	138	142	146	150	154	158	162	166	170	174								
20																																						
21	6.5	63	67	71	75	80	84	88	92	96	100	104	109	113	117	121	125	129	133	138	142	146	150	154	158	162	167	171	175	179								
22																																						
23	7.0	64	69	73	77	81	86	90	94	98	103	107	111	115	120	124	128	132	137	141	145	150	154	158	162	167	171	175	179	184								
24																																						
25	7.5	66	70	75	79	83	88	92	96	101	105	110	114	118	123	127	131	136	140	144	149	153	158	162	166	171	175	179	184	188								
26																																						
27	8.0	67	72	76	81	85	90	94	99	103	108	112	117	121	126	130	134	139	143	148	152	157	161	166	170	175	179	184	188	193								
28																																						
29	8.5	69	73	78	82	87	92	96	101	105	110	115	119	124	128	133	138	142	147	151	156	161	165	170	174	179	184	188	193	197								
30																																						
31	9.0	70	75	79	84	89	94	98	103	108	112	117	122	127	131	136	141	145	150	155	160	164	169	174	178	183	188	193	197	202								
32																																						
33	9.5	71	76	81	86	91	96	100	105	110	115	120	125	129	134	139	144	149	153	158	163	168	173	178	182	187	192	197	202	207								
34																																						
35	10.0	73	78	83	88	93	98	102	107	112	117	122	127	132	137	142	147	152	157	162	167	172	177	182	186	191	196	201	206	211								

The weight listed in the above chart is indicative only. Weights are based on theoretical calculations and limited to a maximum system weight of 165lbs & 130 tube length of 23ft. (Typical case based on - Top/Outside Mount, 130mm Tube, Motor & 15.34oz/yd² Fabric)
 Rollease Acmeda recommend weighing the actual system in order to determine appropriate Fixings required.

SECTION A / PART 3 - SPECIFICATION CHARTS cont...

SYSTEM WEIGHTS - MOTORIZED - TOP / OUTSIDE MOUNT 15.34 oz/yd² FABRIC cont...

160mm (6.30") TUBE																																							
		WIDTH (ft/m)																																					
DROP		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27	
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	7.0	7.2	7.4	7.6	7.8	8.0									
1	0.5	57	60	63	66	69	72	75	77	80	83	86	89	92	95	98	101	104	107	110	113	115	118	121	124	127	130	133	136	139									
2	1.0	58	61	64	67	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	116	119	122	125	128	131	134	137	140	143									
3																																							
4																																							
5	1.5	60	63	66	69	72	76	79	82	85	88	91	94	98	101	104	107	110	113	117	120	123	126	129	132	135	139	142	145	148									
6	2.0	61	64	68	71	74	78	81	84	87	91	94	97	100	104	107	110	113	117	120	123	127	130	133	136	140	143	146	149	153									
7	2.5	63	66	69	73	76	79	83	86	90	93	96	100	103	107	110	113	117	120	123	127	130	134	137	140	144	147	150	154	157									
8																																							
9																																							
10	3.0	64	67	71	74	78	81	85	88	92	95	99	102	106	109	113	116	120	123	127	130	134	137	141	144	148	151	155	158	162									
11	3.5	65	69	73	76	80	83	87	91	94	98	101	105	109	112	116	120	123	127	130	134	138	141	145	148	152	156	159	163	166									
12	4.0	67	70	74	78	82	85	89	93	97	100	104	108	111	115	119	123	126	130	134	138	141	145	149	152	156	160	164	167	171									
13																																							
14																																							
15	4.5	68	72	76	80	84	87	91	95	99	103	107	110	114	118	122	126	130	133	137	141	145	149	153	156	160	164	168	172	176									
16	5.0	70	74	77	81	85	89	93	97	101	105	109	113	117	121	125	129	133	137	141	145	149	153	157	161	164	168	172	176	180									
17	5.5	71	75	79	83	87	91	95	99	104	108	112	116	120	124	128	132	136	140	144	148	152	156	160	165	169	173	177	181	185									
18																																							
19																																							
20	6.0	72	77	81	85	89	93	97	102	106	110	114	118	123	127	131	135	139	143	148	152	156	160	164	169	173	177	181	185	190									
21	6.5	74	78	82	87	91	95	100	104	108	112	117	121	125	130	134	138	143	147	151	155	160	164	168	173	177	181	186	190	194									
22																																							
23																																							
24	7.0	75	80	84	88	93	97	102	106	110	115	119	124	128	133	137	141	146	150	155	159	163	168	172	177	181	185	190	194	199									
25	7.5	77	81	86	90	95	99	104	108	113	117	122	126	131	135	140	144	149	154	158	163	167	172	176	181	185	190	194	199	203									
26																																							
27																																							
28	8.0	78	83	87	92	97	101	106	110	115	120	124	129	134	138	143	148	152	157	162	166	171	175	180	185	189	194	199	203	208									
29	8.5	79	84	89	94	98	103	108	113	117	122	127	132	136	141	146	151	155	160	165	170	174	179	184	189	194	198	203	208	213									
30																																							
31																																							
32	9.0	81	86	90	95	100	105	110	115	120	125	129	134	139	144	149	154	159	164	168	173	178	183	188	193	198	203	207	212	217									
33	9.5	82	87	92	97	102	107	112	117	122	127	132	137	142	147	152	157	162	167	172	177	182	187	192	197	202	207	212	217	222									
34																																							
35																																							
36	10.0	84	89	94	99	104	109	114	119	124	129	135	140	145	150	155	160	165	170	175	180	186	191	196	201	206	211	216	221	226									

LEGEND	DESCRIPTION
	110 mm (4.33") Tube
	130 mm (5.11") Tube
	160 mm (6.30") Tube (Spliced)
	160 mm (6.30") Tube
	Above theoretical limit

The weight listed in the above chart is indicative only. Weights are based on theoretical calculations and limited to a maximum system weight of 165lbs & 130 tube length of 22.3ft.

Rollease Acmeda recommend weighing the actual system in order to determine appropriate Fixings required.

NOTE: For spliced tube, allow additional weight of 6.6ft length (min) of 130 tube = aprox 22lbs. (Max. 130 tube length = 24.6ft)

SECTION A / PART 3 - SPECIFICATION CHARTS cont...

SYSTEM WEIGHTS - MOTORIZED - TOP / OUTSIDE MOUNT 22.11oz/yd² FABRIC

110mm (4.33") TUBE																														
		WIDTH (ft/m)																												
DROP		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27										
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	7.0	7.2	7.4	7.6	7.8	8.0
1	0.5	37	39	41	43	45	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	77	79	81	83	85	87	89	91
2	1.0	39	41	43	45	47	49	51	53	56	58	60	62	64	66	68	70	72	74	77	79	81	83	85	87	89	91	93	96	98
3																														
4	1.5	41	43	45	48	50	52	54	57	59	61	63	66	68	70	72	75	77	79	82	84	86	88	91	93	95	97	100	102	104
5																														
6	2.0	43	45	48	50	52	55	57	60	62	65	67	69	72	74	77	79	82	84	87	89	91	94	96	99	101	104	106	108	111
7																														
8	2.5	45	47	50	52	55	58	60	63	65	68	71	73	76	78	81	84	86	89	91	94	97	99	102	104	107	110	112	115	117
9																														
10	3.0	47	49	52	55	58	60	63	66	69	72	74	77	80	83	85	88	91	94	96	99	102	105	107	110	113	116	119	121	124
11																														
12	3.5	49	52	54	57	60	63	66	69	72	75	78	81	84	87	90	93	96	98	101	104	107	110	113	116	119	122	125	128	131
13																														
14	4.0	51	54	57	60	63	66	69	72	75	78	82	85	88	91	94	97	100	103	106	109	113	116	119	122	125	128	131	134	137
15																														
16	4.5	53	56	59	62	66	69	72	75	79	82	85	88	92	95	98	101	105	108	111	115	118	121	124	128	131	134	137	141	144
17																														
18	5.0	55	58	61	65	68	72	75	79	82	85	89	92	96	99	103	106	109	113	116	120	123	127	130	133	137	140	144	147	150
19																														
20	5.5	57	60	64	67	71	74	78	82	85	89	92	96	100	103	107	110	114	118	121	125	128	132	136	139	143	146	150	154	157
21																														
22	6.0	58	62	66	70	74	77	81	85	89	92	96	100	104	107	111	115	119	122	126	130	134	137	141	145	149	152	156	160	164
23																														
24	6.5	60	64	68	72	76	80	84	88	92	96	100	104	108	111	115	119	123	127	131	135	139	143	147	151	155	159	162	166	170
25																														
26	7.0	62	67	71	75	79	83	87	91	95	99	103	107	112	116	120	124	128	132	136	140	144	148	152	156	161	165	169	173	177
27																														
28	7.5	64	69	73	77	81	86	90	94	98	103	107	111	115	120	124	128	132	137	141	145	149	154	158	162	167	171	175	179	184
29																														
30	8.0	66	71	75	80	84	88	93	97	102	106	111	115	119	124	128	133	137	142	146	150	155	159	164	168	172	177	181	186	190
31																														
32	8.5	68	73	78	82	87	91	96	100	105	110	114	119	123	128	133	137	142	146	151	155	160	165	169	174	178	183	188	192	197
33																														
34	9.0	70	75	80	85	89	94	99	104	108	113	118	123	127	132	137	142	146	151	156	161	165	170	175	180	184	189	194	199	203
35																														
36	9.5	72	77	82	87	92	97	102	107	112	117	121	126	131	136	141	146	151	156	161	166	171	176	180	185	190	195	200	205	210
37																														
38	10.0	74	79	84	90	95	100	105	110	115	120	125	130	135	140	145	151	156	161	166	171	176	181	186	191	196	201	206	211	217
39																														

The weight listed in the above chart is indicative only. Weights are based on theoretical calculations and limited to a maximum system weight of 165lbs & 110 tube length of 19.7ft. (Typical case based on - Top/Outside Mount, 110mm Tube, Motor & 22.1oz/yd² Fabric)
Acmeda recommend weighing the actual system in order to determine appropriate Fixings required.

SECTION A / PART 3 - SPECIFICATION CHARTS cont...

SYSTEM WEIGHTS - MOTORIZED - TOP / OUTSIDE MOUNT 22.11oz/yd² FABRIC

130mm (5.11") TUBE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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DROP		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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	7.0	7.2	7.4	7.6	7.8	8.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1	0.5	47	50	53	56	59	62	65	67	70	73	76	79	82	85	87	90	93	96	99	102	105	107	110	113	116	119	122	125	128																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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The weight listed in the above chart is indicative only. Weights are based on theoretical calculations and limited to a maximum system weight of 165lbs & 130 tube length of 23ft. (Typical case based on - Top/Outside Mount, 130mm Tube, Motor & 750gsm Fabric)
 Acmeda recommend weighing the actual system in order to determine appropriate Fixings required.

SECTION A / PART 3 - SPECIFICATION CHARTS cont...

SYSTEM WEIGHTS - MOTORIZED - TOP / OUTSIDE MOUNT 22.11 oz/yd² FABRIC cont...

160mm TUBE																														
		WIDTH																												
DROP		9		10	11		12	13		14	15		16	17		18	19		20	21		22	23		24	25		26	27	
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	7.0	7.2	7.4	7.6	7.8	8.0
1	0.5	58	61	64	67	70	73	76	79	82	85	89	92	95	98	101	104	107	110	113	116	119	122	125	128	131	134	137	140	143
2	1.0	60	63	67	70	73	76	79	83	86	89	92	95	99	102	105	108	111	115	118	121	124	127	130	134	137	140	143	146	150
3		62	66	69	72	76	79	82	86	89	92	96	99	103	106	109	113	116	119	123	126	129	133	136	139	143	146	150	153	156
4	1.5	64	68	71	75	78	82	85	89	92	96	99	103	106	110	114	117	121	124	128	131	135	138	142	145	149	152	156	159	163
5		66	70	74	77	81	85	88	92	96	99	103	107	110	114	118	121	125	129	133	136	140	144	147	151	155	158	162	166	169
6	2.0	68	72	76	80	84	87	91	95	99	103	107	111	114	118	122	126	130	134	138	141	145	149	153	157	161	165	168	172	176
7		70	74	78	82	86	90	94	98	102	106	110	114	118	122	126	130	134	138	142	147	151	155	159	163	167	171	175	179	183
8	2.5	72	76	80	85	89	93	97	101	106	110	114	118	122	126	131	135	139	143	147	152	156	160	164	168	173	177	181	185	189
9		74	78	83	87	91	96	100	104	109	113	118	122	126	131	135	139	144	148	153	157	162	166	171	175	180	184	189	193	198
10	3.0	76	81	85	90	94	99	103	108	112	117	121	126	130	135	139	144	148	153	157	162	166	171	175	180	184	189	193	198	203
11		78	83	87	92	97	101	106	111	115	120	125	130	134	139	144	148	153	158	162	167	172	176	181	186	190	195	200	204	209
12	3.5	80	85	90	95	99	104	109	114	119	124	128	133	138	143	148	153	158	162	167	172	177	182	187	191	196	201	206	211	216
13		82	87	92	97	102	107	112	117	122	127	132	137	142	147	152	157	162	167	172	177	182	187	192	197	202	207	212	217	222
14	4.0	84	89	94	99	105	110	115	120	125	131	136	141	146	151	156	162	167	172	177	182	188	193	198	203	208	213	219	224	229
15		86	91	97	102	107	113	118	123	129	134	139	145	150	155	161	166	171	177	182	187	193	198	203	209	214	220	225	230	236
16	4.5	88	93	99	104	110	115	121	126	132	137	143	148	154	160	165	171	176	182	187	193	198	204	209	215	220	226	231	237	242
17		90	96	101	107	113	118	124	130	135	141	147	152	158	164	169	175	181	186	192	198	203	209	215	220	226	232	237	243	249
18	5.0	92	98	103	109	115	121	127	133	139	144	150	156	162	168	174	179	185	191	197	203	209	214	220	226	232	238	244	250	255
19		94	100	106	112	118	124	130	136	142	148	154	160	166	172	178	184	190	196	202	208	214	220	226	232	238	244	250	256	262
20	5.5	96	102	108	114	120	127	133	139	145	151	157	164	170	176	182	188	195	201	207	213	219	225	232	238	244	250	256	262	269
21		98	104	110	116	122	128	134	140	146	152	158	164	170	176	182	188	195	201	207	213	219	225	232	238	244	250	256	262	269
22	6.0	100	106	112	118	124	130	136	142	148	154	160	166	172	178	184	190	196	202	208	214	220	226	232	238	244	250	256	262	269
23		102	108	114	120	126	132	138	144	150	156	162	168	174	180	186	192	198	204	210	216	222	228	234	240	246	252	258	264	270
24	6.5	104	110	116	122	128	134	140	146	152	158	164	170	176	182	188	194	200	206	212	218	224	230	236	242	248	254	260	266	272
25		106	112	118	124	130	136	142	148	154	160	166	172	178	184	190	196	202	208	214	220	226	232	238	244	250	256	262	268	274
26	7.0	108	114	120	126	132	138	144	150	156	162	168	174	180	186	192	198	204	210	216	222	228	234	240	246	252	258	264	270	276
27		110	116	122	128	134	140	146	152	158	164	170	176	182	188	194	200	206	212	218	224	230	236	242	248	254	260	266	272	278
28	7.5	112	118	124	130	136	142	148	154	160	166	172	178	184	190	196	202	208	214	220	226	232	238	244	250	256	262	268	274	280
29		114	120	126	132	138	144	150	156	162	168	174	180	186	192	198	204	210	216	222	228	234	240	246	252	258	264	270	276	282
30	8.0	116	122	128	134	140	146	152	158	164	170	176	182	188	194	200	206	212	218	224	230	236	242	248	254	260	266	272	278	284
31		118	124	130	136	142	148	154	160	166	172	178	184	190	196	202	208	214	220	226	232	238	244	250	256	262	268	274	280	286
32	10.0	120	126	132	138	144	150	156	162	168	174	180	186	192	198	204	210	216	222	228	234	240	246	252	258	264	270	276	282	288

LEGEND	DESCRIPTION
	110 mm (4.33") Tube
	130 mm (5.11") Tube
	160 mm (6.30") Tube (Spliced)
	160 mm (6.30") Tube
	Above theoretical limit

"The weight listed in the above chart is indicative only. Weights are based on theoretical calculations and limited to a maximum system weight of 165lbs & 160 tube length of 22.3ft.

Acmeda recommend weighing the actual system in order to determine appropriate Fixings required.

NOTE: For spliced tube, allow additional weight of 6.6ft length (min) of 130 tube = aprox 22lbs. (Max. 130 tube length = 24.6ft) "

TEST: PRODUCT EVALUATION

Performed by: Rollease Acmeda
Test Report Number: TR-2012053 - S100 Extreme Test Shade – Acmeda
Shade Width: 6m (19.7')
Shade Drop: 7m (23') (installed)
8m (26.2') (Fabric)
Fabric: Ferrari Soltis 93 – Railroad (x2 welds) 2.7 wide fabric (Max. 0.02" fabric)
Control: Motor
Bracket Installation: Outside Mount

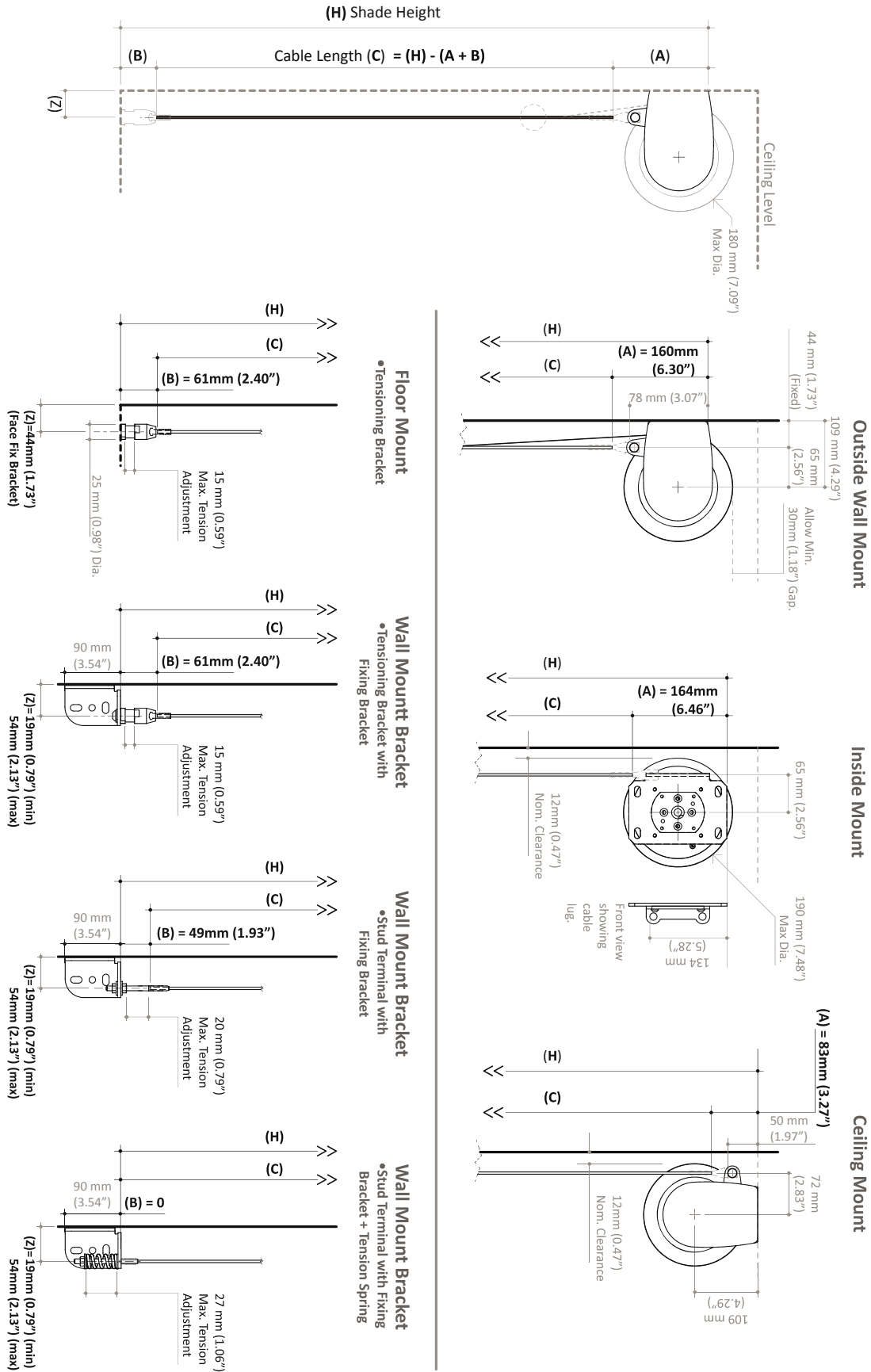
TEST: PRODUCT EVALUATION

Performed by: Rollease Acmeda
Test Report Number: TR-2012053 - S100 Extreme Test Shade – Acmeda
Shade Width: 6m (19.7')
Shade Drop: 2.5m (8.2')
Fabric: Textstyle – Serengetti Blockout 100% polyester coated with acrylic foam
Control: Crank
Bracket Installation: Outside Mount
Wire Guide Adaptor Installation: Floor Mount

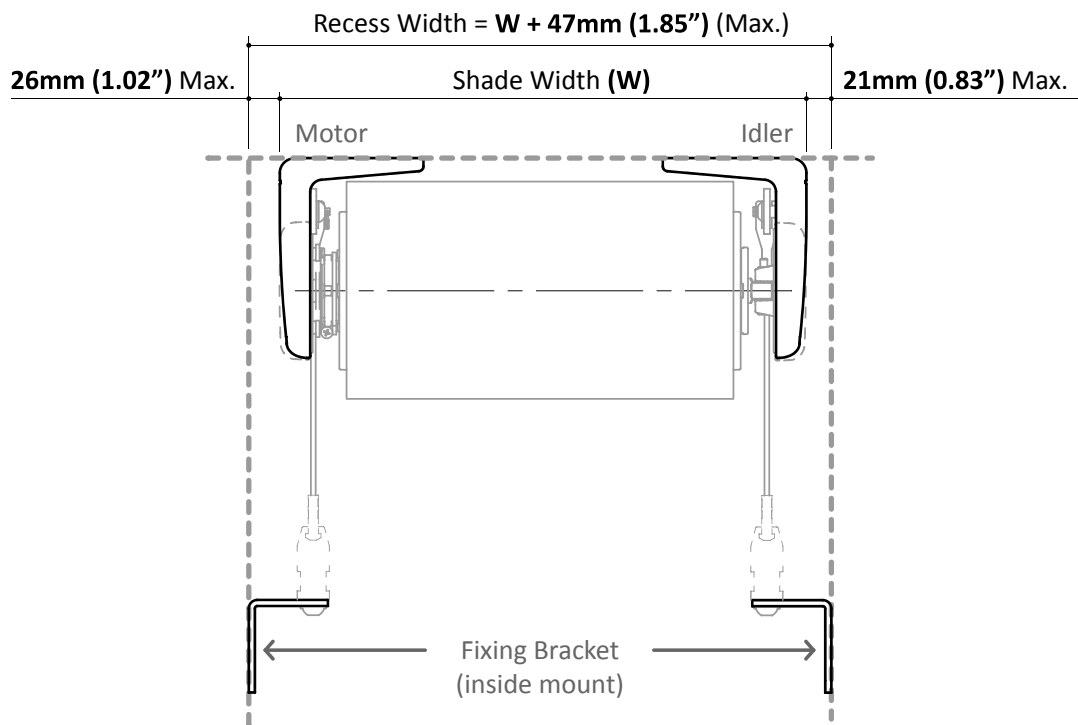
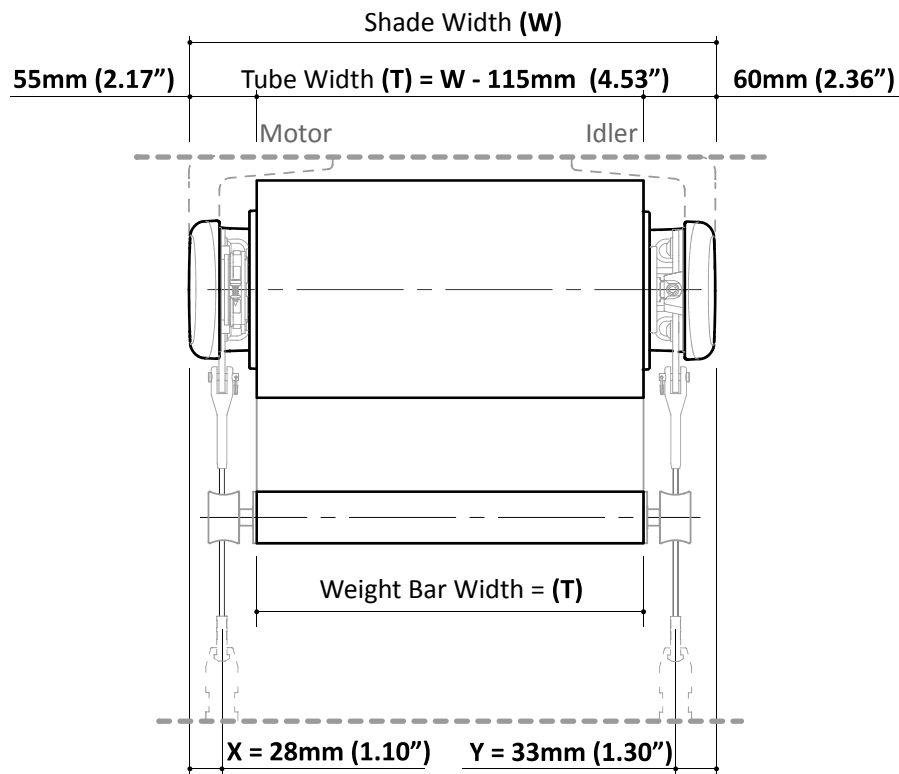
WIRE GUIDE LENGTH - TOP / OUTSIDE / SIDE MOUNT - MOTOR / CRANK

Deductions - Cable Length

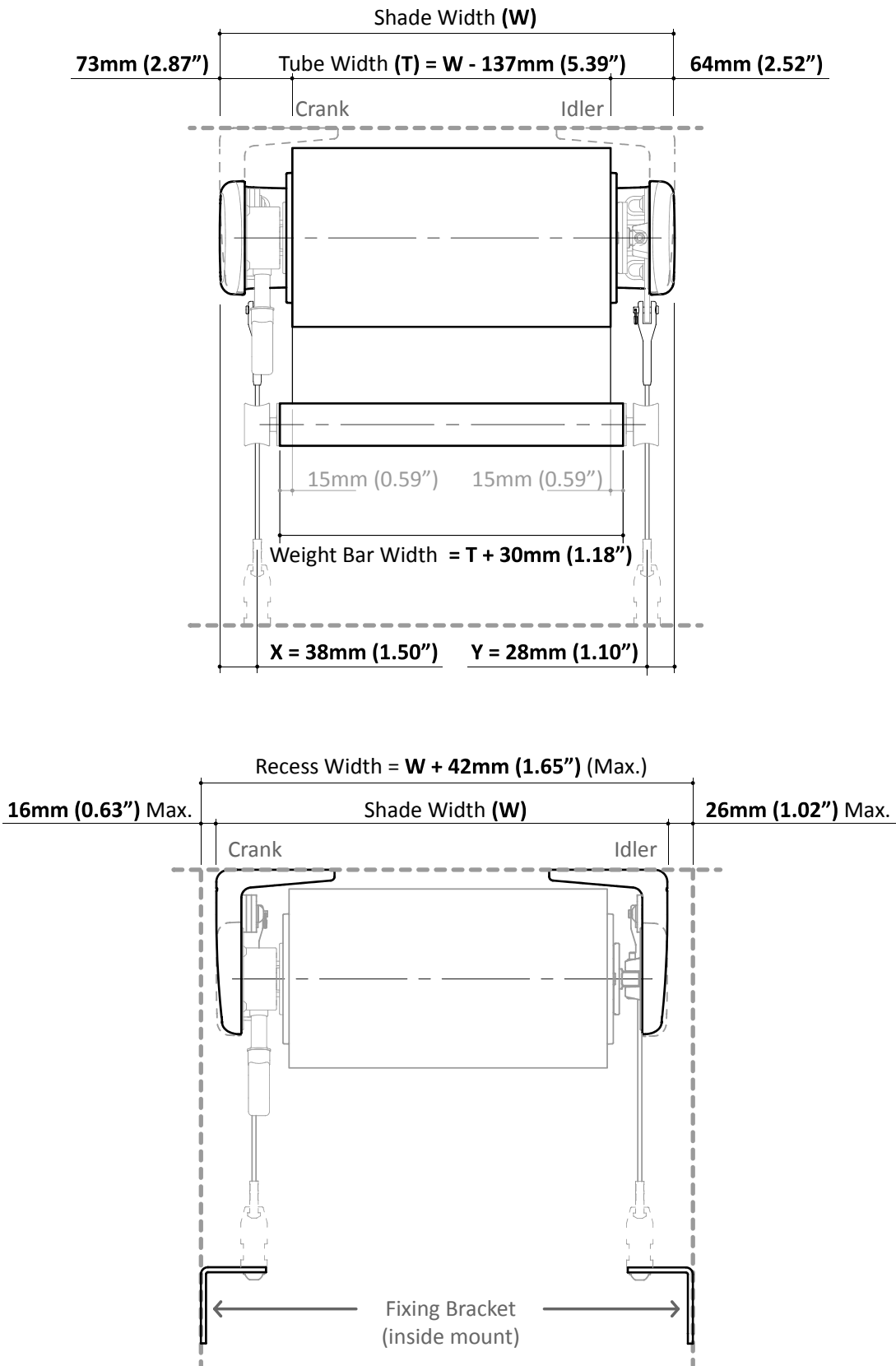
Cable Length (C) = (H) Blind Height - (A + B)



TOP / OUTSIDE BRACKET - MOTOR CONTROL

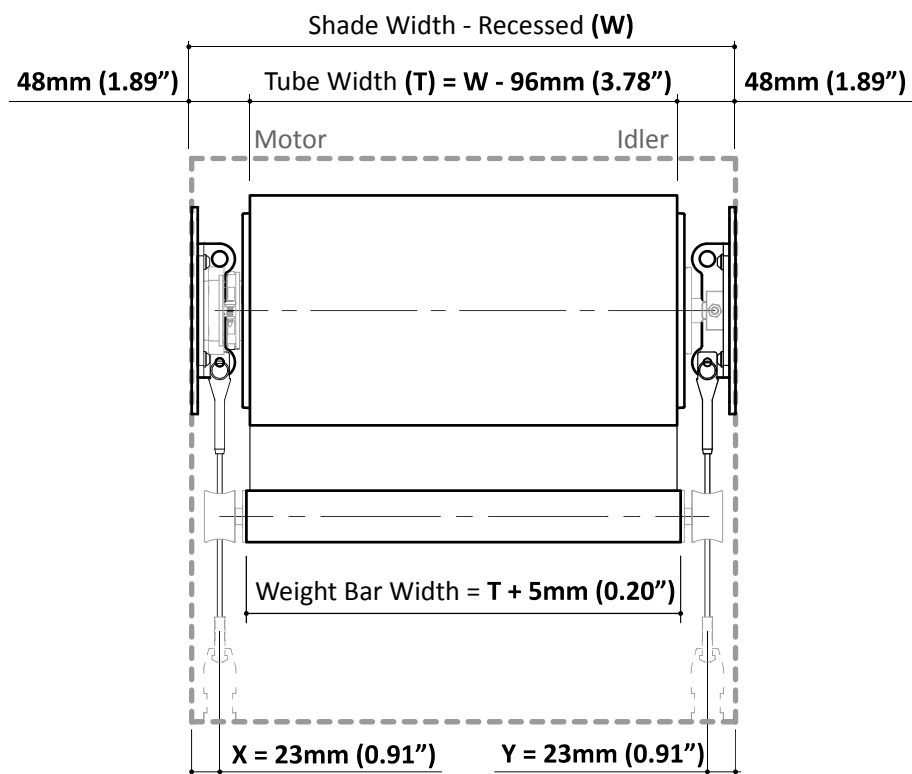


TOP / OUTSIDE MOUNT BRACKET - CRANK GEAR CONTROL

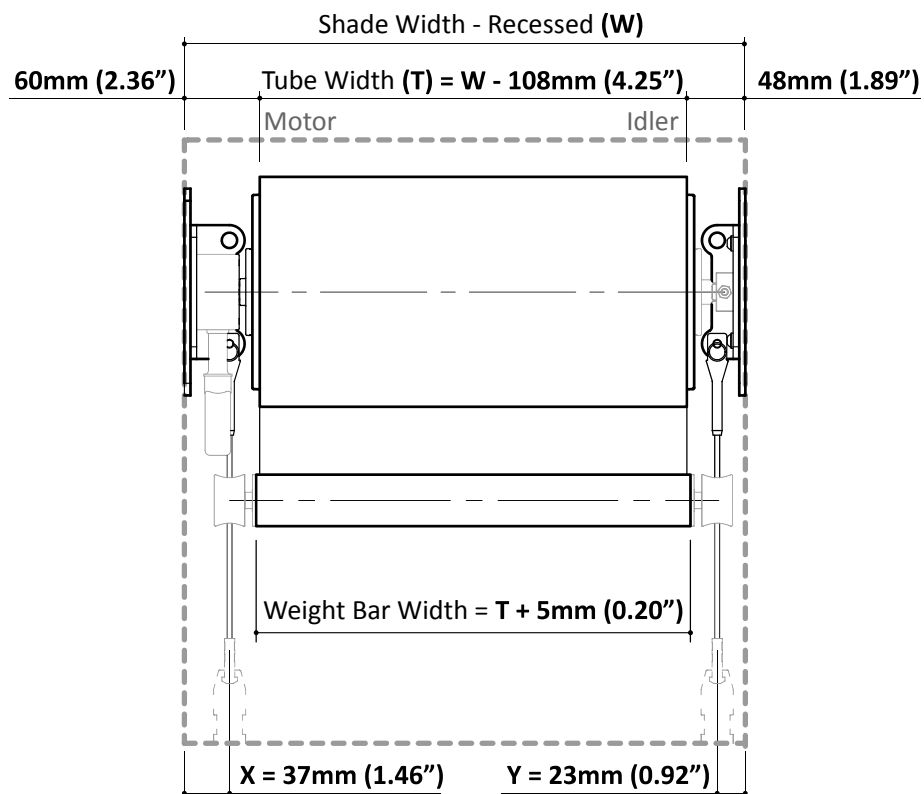


INSIDE MOUNT - MOTOR & CRANK CONTROL

MOTOR CONTROL

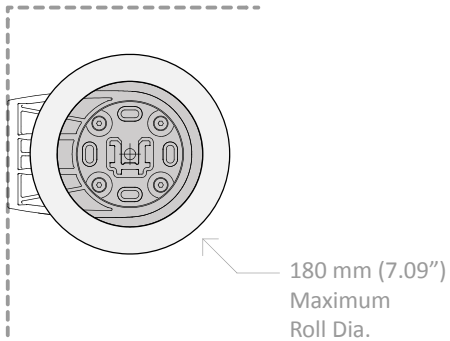


CRANK GEAR CONTROL

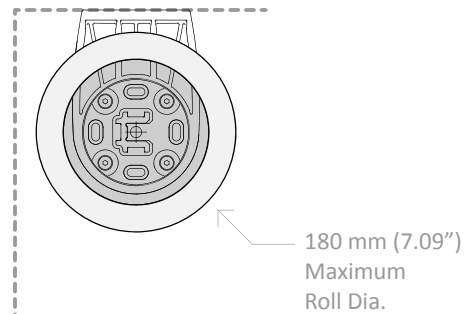


MAXIMUM ROLL DIAMETERS

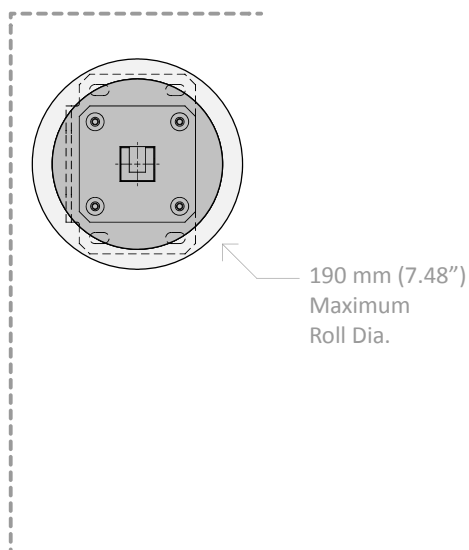
WALL MOUNT BRACKET



CEILING MOUNT BRACKET



INSIDE MOUNT BRACKET



SECTION C - MATERIAL COMPOUNDS

PART NUMBER	PRODUCT	MATERIAL	Aluminum & STEEL FINISHES
RB80-0701-xxx100	Extreme Crown Wheel · S100	PA6-GF50 (UVS)	- N/A
RB80-0301-xxx100	Extreme Drive Wheel · S100	PA6-GF50 (UVS)	- N/A
RB80-0201-xxx100	Extreme Bearing Idler · S100	PA6-GF50 (UVS), 304 & 316 Stainless Steel.	- N/A
RB93-0110-xxxLLL	Aluminum Tube 110mm (4.33")	Aluminum 6063-T5	- Mill Finish - Anodised 20µm min. depth - Powder coat
RB93-0130-xxxLLL	Aluminum Tube 130mm (5.11")	Aluminum 6063-T5	- Mill Finish - Anodised 20µm min. depth - Powder coat
RB93-0160-xxxLLL	Aluminum Tube 160mm (6.30")	Aluminum 6063-T5	- Mill Finish - Anodised 20µm min. depth - Powder coat
RB92-1501-001100	15mm ACM Flat Spline · No Tape	ASA	- N/A
RB92-1503-001075	15mm ACM Flat Spline · with double sided tape	ASA	- N/A
RB80-0601-073110 RB80-0601-073130 RB80-0601-073160	Extreme Roller End Plate 110 mm (4.33") Extreme Roller End Plate 130 mm (5.11") Extreme Roller End Plate 160 mm (6.30")	PA6-GF30 (UVS) & 316 Stainless Steel.	- N/A
RB56-0762-014050	Universal Zamack Adapter	Aluminum Alloy (Zamak), 304 & 316 Stainless Steel.	- N/A
RB80-0411-025050	Zamack Adapter Spacer	MSPL 5.0 GR250	- Zinc Plated - Powder coat (optional)
RB80-0476-xxx100	MOTOR Extreme Wire Guide Adapter Bracket Kit – Top/Outside Mount	MSPL 5.0 GR250, 304 Stainless Steel	- Zinc Plated - Powder coat (optional)
RB80-0477-xxx100	CRANK GEAR Extreme Wire Guide Adapter Bracket Kit – Top/Outside Mount	MSPL 5.0 GR250, 304 Stainless Steel	- Zinc Plated - Powder coat (optional)
RB80-1201-xxx109	Top / Outside Mount Brackets · S100	Aluminum Alloy ADC12	- Powder coat
RE24-1314-009400	Swage Fork Terminal, Wire Guide Tensioning Cable,	316 Stainless Steel	- Polished
RB91-3602-006040	Wire Guide Tensioning Cable 4mm	316 Stainless steel	- Polished
RB91-1340-xxx003	Extreme FD42 Weight Bar End Cap	POM (Acetal) , 304 Stainless Steel	- N/A
SB06-1304-xxx600	Extreme FD42 Weight Bar	Aluminum 6063-T5	- Mill Finish - Anodised 20µm min. depth - Powder coat
RE24-2601-009040	Tensioning Bracket & Flat Head Stud Terminal	316 Stainless Steel	- Polished
RB80-1502-xxx110	Extreme Square Idle Bracket · S100	MSPL 5.0 GR250, 304 Stainless Steel, Nylon	- Zinc Plated - Powder coat (optional)
RB80-1501-xxx110	Extreme Square Motor Bracket Plate S100	MSPL 5.0 GR250	- Zinc Plated - Powder coat (optional)
RB80-0478-xxx100	Motor Extreme Side Mount Brackets	MSPL 5.0 GR250	- Zinc Plated - Powder coat (optional)
RB80-0479-xxx100	Crank Extreme Side Mount Brackets	MSPL 5.0 GR250	- Zinc Plated - Powder coat (optional)
RE24-1401-009040	Threaded Stud Terminal	316 Stainless Steel	- Polished - Natural
RE24-9101-009050	Threaded Stud Terminal Spring	316 Stainless Steel	- Passivate
RB05-4013-xxx001	Extreme Crank Gear [Ratio 9:1]	Zinc diecast	- Powdercoat
RB80-0101-073100	Extreme Crank Adapter	PA6-GF50 (UVS) & 316 Stainless Steel	- Natural
RB80-0451-025100	Extreme Crank Bracket Adapter Set Top/Outside Mount	MSPL 4.0 GR250, 304 Stainless Steel	- Zinc Plated - Powder coat (optional) - Natural
RB05-9201-xxx120 RB05-9201-xxx160	Crank Arm Rod 120cm (4.72") Crank Arm Rod 160cm (6.30")	Steel	- Zinc Plated - Powder coat
RE24-2301-xxx090	Wall Mounting Bracket LH& RH set 90mm(3.54") x 38mm (1.50")	316 Stainless Steel	-Polished

SECTION D - WARRANTY

Rollease Acmeda provide a 5 year hardware warranty against defects to the original purchaser (the fabricator/ manufacturer).

The hardware warranty is not to be transferred to the end consumer.

The hardware warranty is limited to the repair or resupply of defective hardware components to the fabricator/ manufacturer only.

The hardware warranty is applicable to normal use. The hardware warranty when applied to external systems assumes the shades are not used in strong winds/storms and not left down indefinitely.

The hardware warranty is not applicable for coastal applications unless specified in this manual.

The hardware warranty will not apply where the defect arises due to incorrect assembly and installation.

Retailers are obliged to supply consumers with their own warranty, if required, at the point of purchase.

MEASURE & SPECIFY GUIDELINES

In order to assist with providing seamless communication between the Specifier, Assembler and Installer, Rollease Acmeda are providing some guidelines to assist with measuring and specifying the Extreme system in order to:

- Identify key information for Assembler and Installer
- Improve efficiency
- Limit the number of re-calls / adjustment required onsite after installation

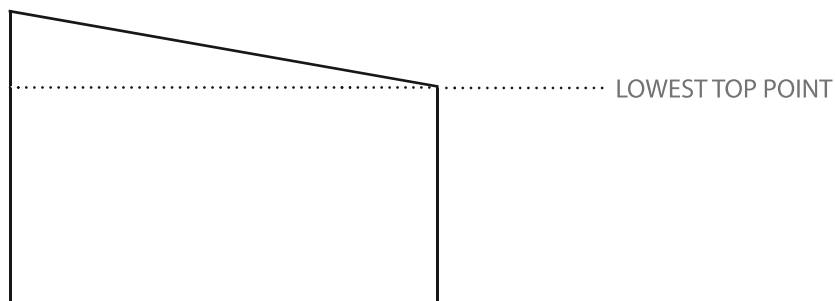
The suggested 'Actual Shade Sizes' are based on:

- Minimum clearances where relevant to assist installers
- Compromise between minimising onsite adjustments for installer (plus, overall appearance for end user) and simplifying process/communication for Specifier.
- To simplify the Specifiers task 'Actual Shade Widths' could be based on the smallest size - however depending on installation type packing or onsite adjustments will be required at installation.
- To minimise adjustments further analysis into where the walls are out-of-square could be undertaken, however very clear communication between Specifier, Assembler and Installer is required.

MEASURING:

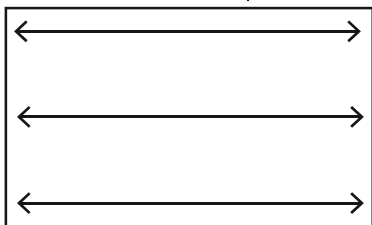
TIP 1: Check Top of Installation Space is level

If Top of Installation Space is uneven, ensure 'Top Width' measurement and all 'Drop' measurements are taken from 'Lowest Top Point' (dotted line indicated below)

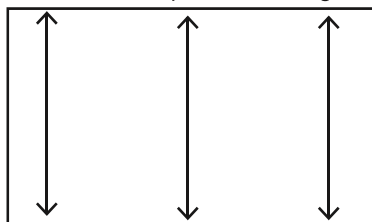


TIP 2: Measure Installation Widths and Drops at two different points.

- Installation Width at Top and Bottom



- Installation Drop at Left and Right



TIP 3: Wire Guide System

It is recommended to measure, cut and crimp all wire guides on site.

All wire guides are to be crimped (or swaged) using appropriate hydraulic tools available for hire or purchase. Acmeda can assist by referring you to recommended suppliers, please enquire with our service team for assistance.

For wire guide and crimping details refer to Product Specifications Section B Part 2 Deductions.

SECTION E: MEASURE & SPECIFY cont...

SHADE WIDTH

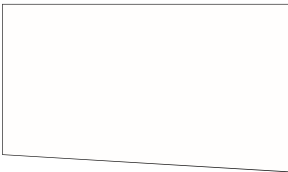
For all scenarios



Top & Bottom level



Top uneven & Bottom level



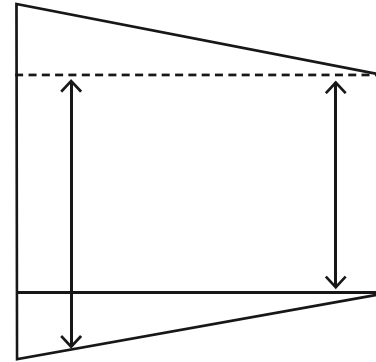
Top level & Bottom uneven^

Top & Bottom uneven^

Shade Drop = Smallest Drop Size

EXAMPLE

Top & Bottom uneven



DROP (ft)

13

LEFT

10

RIGHT

Shade Drop = Smallest Drop Size
= Right Hand Drop Size
= 10

SHADE WIDTH

For the following scenarios:



Top & Bottom Widths identical, sides are level

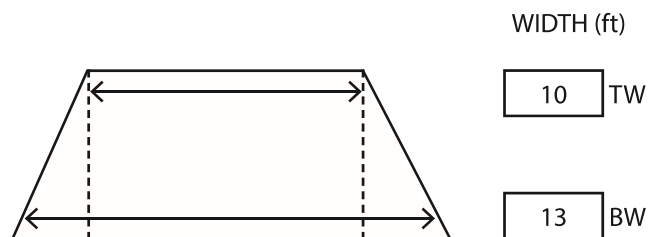


Top Width smaller than Bottom Width, sides are not level

Shade Width = Top Width

EXAMPLE

Top Width smaller than Bottom Width, sides are not level



WIDTH (ft)

10

TW

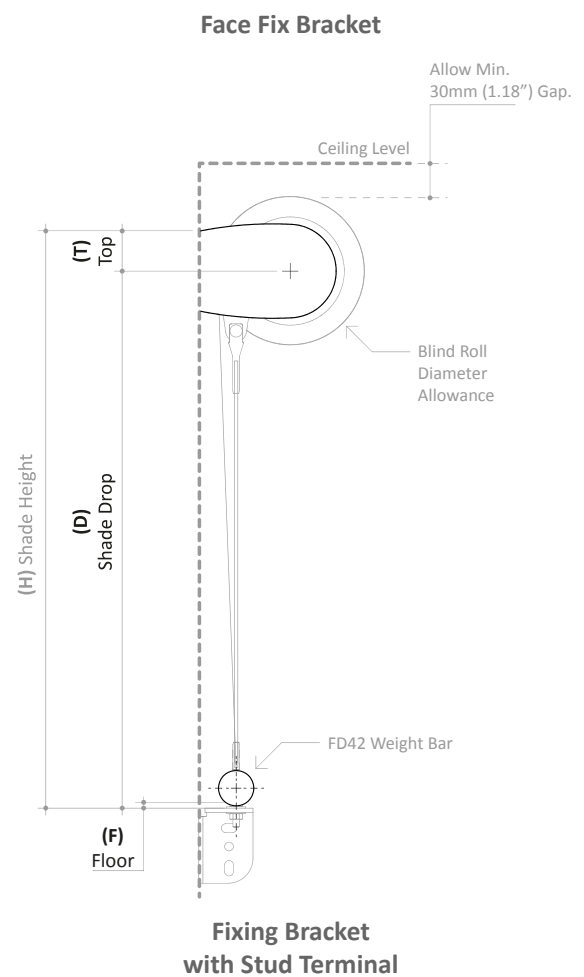
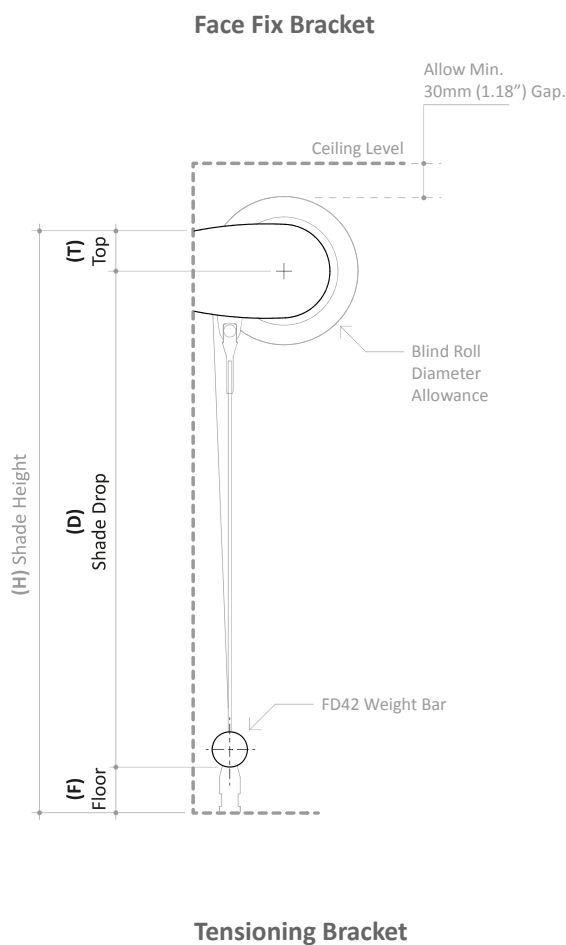
13

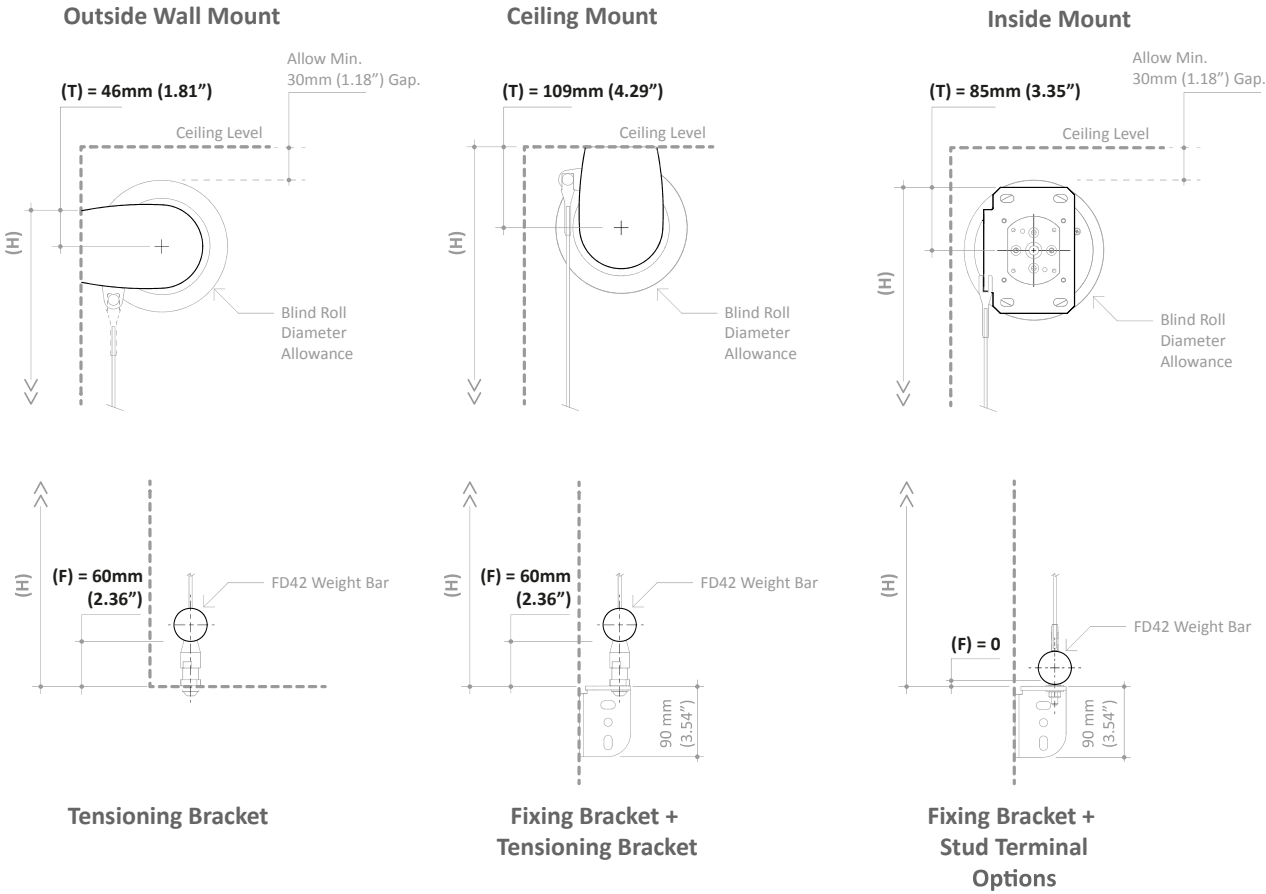
BW

Shade Width = Smallest Width
= 10

FABRIC LENGTH - To determine the correct fabric

- Measure the overall height for shade space (H)
(Note: Allow for Max Roll Diameter and clearance above roll if applicable.)
- Determine Installation type Outside / Ceiling / Wall / Inside Mount
- Determine appropriate Tube size for span 110 / 130 / 160 mm (4.33" / 5.11" / 6.30")
- Select wire guide anchor Mounting method
- Use appropriate floor and top deductions to determine shade drop.
(Note for actual fabric dimensions refer to Assembly Section D: BOM & Deductions)





REFERENCE TABLES:

Tube Wrap Allowance*		
110 Tube	130 Tube	160 Tube
14.57"	16.93"	20.67"

SHADE DROP CALCULATION

(D) Shade Drop = (H) Shade Height - (F) Floor/Weight Bar Deduction - (T) Roll Allowance Deduction

Fabric Length calculation

Fabric Length = (D) Shade Drop + Tube Wrap Allowance *

* For Tube Wrap Allowance details refer to Assembly Section D – BOM & Deductions.

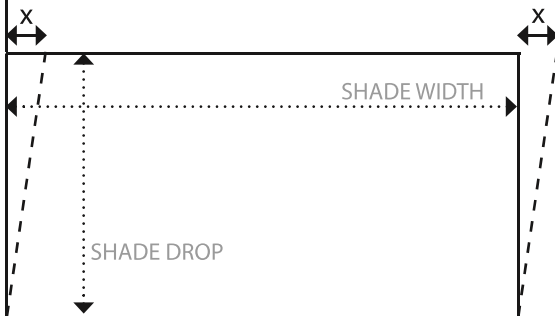
SECTION E: MEASURE & SPECIFY cont...

CUSTOMER DETAILS

Customer's Name:

Job Number:

INSTALLATION SPACE



INSTRUCTIONS

TOP WIDTH (ft)*

BOTTOM WIDTH (ft)

Enter Shade Drops (ft)

LEFT DROP* (ft)

RIGHT DROP* (ft)

Enter Shade Drops (ft)

x VALUE ONLY REQUIRED IF TOP, CENTRE & BOTTOM WIDTHS EQUAL AND SIDES NOT LEVEL

x Value (ft)

Enter 'x' value (ft)

* If Top of Installation Space is uneven, ensure 'Top Width' measurement and all 'Drop' measurements are taken from 'Lowest Top Point' (refer 'Measure & Specify Guidelines' - Tip 1 for further information)

ACTUAL SHADE SIZE**

SHADE WIDTH (ft):

SHADE DROP (ft):

** Refer to 'Measure & Specify Guidelines - Determining Actual Shade Size' to determine Shade Width and Drop

LEGEND

Enter / Advise Values of Installation Site

Calculated Values (Actual Shades Sizes)

SECTION E: MEASURE & SPECIFY cont...

INSTALLATION

Number of shades?

Stand alone or side-by-side shade?

Building material Extreme System being Mounted to?

Are there any site access issues?

Do any column trims need removing?

CONTROL TYPE

☐ Motor (110, 130, 160mm Tube)

☐ Gear (110, 130, 160mm Tube)

Gear Control Arm Length

☐ 120cm (4.72")

☐ 160cm (6.30")

CONTROL SIDE

☐ Left Hand (facing front of shade)

☐ Right Hand (facing front of shade)

SYSTEM COLOUR

FABRIC TYPE & COLOUR

TUBE TYPE

☐ 110mm (4.33")

☐ 130mm (5.11")

☐ 160mm (6.30")

TUBE SPLINE TYPE *

☐ 15mm (0.60") Flat Spline

☐ 6.5mm (0.26") Semi Rigid Round Spline

WIRE GUIDE *

☐ Floor Mount Tensioning Bracket (5m max drop)

☐ Outside / Side Mount

☐ Tensioning Bracket (5m max drop)

☐ Stud Terminal

☐ Stud Terminal with Tension Spring

* Optional specifications, consult manufacturer for details of what options they can provide and refer to product specification charts to ensure selection can be achieved according to Rollease Acmeda's recommendations.