

# RB80 EXTREME SYSTEM PRODUCT SPECIFICATIONS

JULY 2013

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## DISCLAIMER

### INTRODUCTION

This Product Specifications manual for Extreme has been produced by 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 / 130 / 160mm Tube

FABRIC: 520gsm																							
Drop (m)	WIDTH																						
	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																							
1.5																							
2.0																							
2.5																							
3.0																							
3.5																							
4.0																							
4.5																							
5.0																							
5.5																							
6.0																							
6.5																							
7.0																							
7.5																							
8.0																							
8.5																							
9.0																							
9.5																							
10.0																							

FABRIC: 750gsm																							
Drop (m)	WIDTH																						
	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																							
1.5																							
2.0																							
2.5																							
3.0																							
3.5																							
4.0																							
4.5																							
5.0																							
5.5																							
6.0																							
6.5																							
7.0																							
7.5																							
8.0																							
8.5																							
9.0																							
9.5																							
10.0																							

LEGEND	DESCRIPTION
	110 mm Tube
	130 mm Tube
	160 mm Tube
	160 mm Tube - Spliced

LEGEND	DESCRIPTION
	Above theoretical system weight limit (75kgs)
	Above theoretical span limit

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

# SECTION A / PART 2 - SPECIFICATION CHARTS

## CRANK GEAR - 110 / 130mm Tube

FABRIC: 520gsm

Drop (m)	WIDTH																							
	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	
1.0																								
1.5																								
2.0																								
2.5																								
3.0																								
3.5																								
4.0																								

FABRIC: 750gsm

Drop (m)	WIDTH																							
	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	
1.0																								
1.5																								
2.0																								
2.5																								
3.0																								
3.5																								
4.0																								

LEGEND	DESCRIPTION
	110 mm Tube
	130 mm Tube

LEGEND	DESCRIPTION
	Above theoretical system weight limit (75kgs)

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

The above charts are indicative.

# SECTION A / PART 3 - SPECIFICATION CHARTS

## SYSTEM WEIGHTS - MOTORISED - TOP / FACE FIX 520gsm FABRIC

### 110mm TUBE

Drop (m)	WIDTH																												
	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
0.5	16	17	18	19	20	20	21	22	23	24	25	25	26	27	28	29	30	30	31	32	33	34	35	35	36	37	38	39	40
1.0	17	18	19	19	20	21	22	23	24	25	26	27	28	28	29	30	31	32	33	34	35	36	36	37	38	39	40	41	42
1.5	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	33	34	35	36	37	38	39	40	41	42	43	44
2.0	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
2.5	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	37	38	39	40	41	42	43	44	45	46	47	48
3.0	19	20	22	23	24	25	26	27	28	29	30	31	33	34	35	36	37	38	39	40	41	42	44	45	46	47	48	49	50
3.5	20	21	22	23	25	26	27	28	29	30	31	33	34	35	36	37	38	40	41	42	43	44	45	46	48	49	50	51	52
4.0	21	22	23	24	25	27	28	29	30	31	33	34	35	36	37	39	40	41	42	43	45	46	47	48	49	51	52	53	54
4.5	21	23	24	25	26	28	29	30	31	33	34	35	36	38	39	40	41	43	44	45	46	48	49	50	51	53	54	55	56
5.0	22	23	25	26	27	28	30	31	32	34	35	36	38	39	40	41	43	44	45	47	48	49	51	52	53	55	56	57	58
5.5	23	24	25	27	28	29	31	32	33	35	36	37	39	40	42	43	44	46	47	48	50	51	52	54	55	56	58	59	61
6.0	23	25	26	27	29	30	32	33	34	36	37	39	40	41	43	44	46	47	49	50	51	53	54	56	57	58	60	61	63
6.5	24	25	27	28	30	31	33	34	35	37	38	40	41	43	44	46	47	49	50	52	53	54	56	57	59	60	62	63	65
7.0	24	26	27	29	30	32	34	35	37	38	40	41	43	44	46	47	49	50	52	53	55	56	58	59	61	62	64	65	67
7.5	25	27	28	30	31	33	34	36	38	39	41	42	44	45	47	49	50	52	53	55	56	58	60	61	63	64	66	67	69
8.0	26	27	29	31	32	34	35	37	39	40	42	43	45	47	48	50	52	53	55	56	58	60	61	63	65	66	68	69	71
8.5	26	28	30	31	33	35	36	38	40	41	43	45	46	48	50	51	53	55	56	58	60	61	63	65	66	68	70	71	73
9.0	27	29	30	32	34	36	37	39	41	42	44	46	48	49	51	53	55	56	58	60	61	63	65	67	68	70	72	73	75
9.5	28	29	31	33	35	36	38	40	42	44	45	47	49	51	52	54	56	58	60	61	63	65	67	68	70	72	74	75	77
10.0	28	30	32	34	36	37	39	41	43	45	46	48	50	52	54	56	57	59	61	63	65	67	68	70	72	74	76	78	79

The above chart is indicative only. Weights are based on theoretical calculations and limited to a maximum system weight of 75Kgs & 130 tube length of 6.0m. (Typical case based on - Top/Face Fix, 110mm Tube, Motor & 520gsm Fabric)  
Acmeda recommend weighing the actual system in order to determine appropriate fixings required.

### 130mm TUBE

Drop (m)	WIDTH																												
	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
0.5	21	22	23	25	26	27	29	30	31	32	34	35	36	37	39	40	41	42	44	45	46	47	49	50	51	52	54	55	56
1.0	22	23	24	26	27	28	29	31	32	33	35	36	37	39	40	41	43	44	45	46	48	49	50	52	53	54	56	57	58
1.5	22	24	25	26	28	29	30	32	33	34	36	37	39	40	41	43	44	45	47	48	49	51	52	53	55	56	58	59	60
2.0	23	24	26	27	29	30	31	33	34	36	37	38	40	41	43	44	45	47	48	50	51	52	54	55	57	58	60	61	62
2.5	24	25	26	28	29	31	32	34	35	37	38	40	41	43	44	45	47	48	50	51	53	54	56	57	59	60	62	63	64
3.0	24	26	27	29	30	32	33	35	36	38	39	41	42	44	45	47	48	50	51	53	54	56	57	59	60	62	64	65	67
3.5	25	26	28	29	31	33	34	36	37	39	40	42	44	45	47	48	50	51	53	55	56	58	59	61	62	64	65	67	69
4.0	25	27	29	30	32	34	35	37	38	40	42	43	45	46	48	50	51	53	55	56	58	59	61	63	64	66	67	69	71
4.5	26	28	29	31	33	34	36	38	39	41	43	44	46	48	49	51	53	54	56	58	59	61	63	64	66	68	69	71	73
5.0	27	28	30	32	34	35	37	39	40	42	44	46	47	49	51	53	54	56	58	59	61	63	65	66	68	70	71	73	75
5.5	27	29	31	33	34	36	38	40	42	43	45	47	49	50	52	54	56	57	59	61	63	65	66	68	70	72	73	75	77
6.0	28	30	32	33	35	37	39	41	43	44	46	48	50	52	54	55	57	59	61	63	64	66	68	70	72	74	75	77	79
6.5	29	30	32	34	36	38	40	42	44	45	47	49	51	53	55	57	59	61	62	64	66	68	70	72	74	76	77	79	81
7.0	29	31	33	35	37	39	41	43	45	47	49	50	52	54	56	58	60	62	64	66	68	70	72	74	76	77	79	81	83
7.5	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	69	71	73	75	77	79	81	83	85
8.0	30	33	35	37	39	41	43	45	47	49	51	53	55	57	59	61	63	65	67	69	71	73	75	77	79	81	83	85	87
8.5	31	33	35	37	39	42	44	46	48	50	52	54	56	58	60	62	64	67	69	71	73	75	77	79	81	83	85	87	90
9.0	32	34	36	38	40	42	45	47	49	51	53	55	57	60	62	64	66	68	70	72	75	77	79	81	83	85	87	89	92
9.5	32	35	37	39	41	43	46	48	50	52	54	56	59	61	63	65	67	70	72	74	76	78	81	83	85	87	89	92	94
10.0	33	35	38	40	42	44	46	49	51	53	55	58	60	62	64	67	69	71	73	76	78	80	82	85	87	89	91	94	96

The above chart is indicative only. Weights are based on theoretical calculations and limited to a maximum system weight of 75Kgs & 130 tube length of 7.0m. (Typical case based on - Top/Face Fix, 130mm Tube, Motor & 520gsm Fabric)  
Acmeda recommend weighing the actual system in order to determine appropriate fixings required.

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

## SYSTEM WEIGHTS - MOTORISED - TOP / FACE FIX 520gsm FABRIC cont...

160mm TUBE																														
Drop (m)	WIDTH																													
	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	
0.5	26	27	29	30	31	32	34	35	36	38	39	40	42	43	44	46	47	48	50	51	52	54	55	56	58	59	60	62	63	
1.0	26	28	29	31	32	33	35	36	38	39	40	42	43	44	46	47	49	50	51	53	54	55	57	58	60	61	62	64	65	
1.5	27	29	30	31	33	34	36	37	39	40	41	43	44	46	47	49	50	51	53	54	56	57	59	60	61	63	64	66	67	
2.0	28	29	31	32	34	35	37	38	40	41	43	44	46	47	48	50	51	53	54	56	58	59	60	62	63	65	66	68	69	
2.5	28	30	31	33	35	36	38	39	41	42	44	45	47	48	50	51	53	54	56	58	59	61	62	64	65	67	68	70	71	
3.0	29	31	32	34	35	37	39	40	42	43	45	46	48	50	51	53	54	56	58	59	61	62	64	65	67	69	70	72	73	
3.5	30	31	33	35	36	38	39	41	43	44	46	48	49	51	53	54	56	57	59	61	62	64	66	67	69	71	72	74	76	
4.0	30	32	34	35	37	39	40	42	44	45	47	49	51	52	54	56	57	59	61	62	64	66	67	69	71	73	74	76	78	
4.5	31	33	34	36	38	40	41	43	45	47	48	50	52	54	55	57	59	61	62	64	66	67	69	71	73	74	76	78	80	
5.0	32	33	35	37	39	41	42	44	46	48	49	51	53	55	57	58	60	62	64	66	67	69	71	73	75	76	78	80	82	
5.5	32	34	36	38	40	41	43	45	47	49	51	52	54	56	58	60	62	64	65	67	69	71	73	75	76	78	80	82	84	
6.0	33	35	37	39	40	42	44	46	48	50	52	54	56	57	59	61	63	65	67	69	71	73	75	76	78	80	82	84	86	
6.5	33	35	37	39	41	43	45	47	49	51	53	55	57	59	61	63	65	67	69	71	72	74	76	78	80	82	84	86	88	
7.0	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	
7.5	35	37	39	41	43	45	47	49	51	53	55	57	59	61	63	66	68	70	72	74	76	78	80	82	84	86	88	90	92	
8.0	35	37	40	42	44	46	48	50	52	54	56	59	61	63	65	67	69	71	73	75	77	79	80	82	84	86	88	90	92	94
8.5	36	38	40	42	45	47	49	51	53	55	58	60	62	64	66	68	71	73	75	77	79	81	83	86	88	90	92	94	96	
9.0	37	39	41	43	45	48	50	52	54	57	59	61	63	65	68	70	72	74	76	79	81	83	85	87	90	92	94	96	98	
9.5	37	40	42	44	46	49	51	53	55	58	60	62	64	67	69	71	73	76	78	80	82	85	87	89	92	94	96	98	101	
10.0	38	40	43	45	47	49	52	54	56	59	61	63	66	68	70	73	75	77	80	82	84	86	89	91	93	96	98	100	103	

LEGEND	DESCRIPTION
	110 mm Tube
	130 mm Tube
	160 mm Tube (Spliced)
	160 mm Tube
	Above theoretical limit

The above chart is indicative only. Weights are based on theoretical calculations and limited to a maximum system weight of 75Kgs & 130 tube length of 6.8m.

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

NOTE: For spliced tube, allow additional weight of 2.0m length (min) of 130 tube = aprox 10Kgs. (Max. 130 tube length = 7.5m)

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

## SYSTEM WEIGHTS - MOTORISED - TOP / FACE FIX 750gsm FABRIC

110mm TUBE																													
Drop (m)	WIDTH																												
	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
0.5	17	18	18	19	20	21	22	23	24	25	25	26	27	28	29	30	31	32	33	33	34	35	36	37	38	39	40	40	41
1.0	18	19	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	40	41	42	43	44
1.5	18	19	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
2.0	19	20	22	23	24	25	26	27	28	29	30	32	33	34	35	36	37	38	39	40	41	43	44	45	46	47	48	49	50
2.5	20	21	23	24	25	26	27	29	30	31	32	33	34	36	37	38	39	40	41	43	44	45	46	47	49	50	51	52	53
3.0	21	22	24	25	26	27	29	30	31	32	34	35	36	37	39	40	41	42	44	45	46	47	49	50	51	53	54	55	56
3.5	22	23	25	26	27	29	30	31	33	34	35	37	38	39	41	42	43	45	46	47	49	50	51	53	54	55	57	58	59
4.0	23	24	26	27	29	30	31	33	34	36	37	38	40	41	43	44	45	47	48	50	51	52	54	55	57	58	59	61	62
4.5	24	25	27	28	30	31	33	34	36	37	39	40	42	43	45	46	48	49	50	52	53	55	56	58	59	61	62	64	65
5.0	25	26	28	29	31	33	34	36	37	39	40	42	43	45	47	48	50	51	53	54	56	57	59	60	62	64	65	67	68
5.5	26	27	29	31	32	34	35	37	39	40	42	44	45	47	48	50	52	53	55	57	58	60	61	63	65	66	68	70	71
6.0	27	28	30	32	33	35	37	38	40	42	44	45	47	49	50	52	54	56	57	59	61	62	64	66	67	69	71	73	74
6.5	27	29	31	33	35	36	38	40	42	43	45	47	49	51	52	54	56	58	59	61	63	65	67	68	70	72	74	75	77
7.0	28	30	32	34	36	38	39	41	43	45	47	49	51	52	54	56	58	60	62	64	65	67	69	71	73	75	77	78	80
7.5	29	31	33	35	37	39	41	43	45	47	49	50	52	54	56	58	60	62	64	66	68	70	72	74	76	77	79	81	83
8.0	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86
8.5	31	33	35	37	39	41	43	46	48	50	52	54	56	58	60	62	64	66	68	71	73	75	77	79	81	83	85	87	89
9.0	32	34	36	38	41	43	45	47	49	51	53	56	58	60	62	64	66	69	71	73	75	77	79	81	84	86	88	90	92
9.5	33	35	37	39	42	44	46	48	51	53	55	57	60	62	64	66	68	71	73	75	77	80	82	84	86	89	91	93	95
10.0	34	36	38	41	43	45	48	50	52	54	57	59	61	64	66	68	71	73	75	77	80	82	84	87	89	91	94	96	98

The above chart is indicative only. Weights are based on theoretical calculations and limited to a maximum system weight of 75Kgs & 110 tube length of 6.0m. [Typical case based on - Top/Face Fix, 110mm Tube, Motor & 750gsm Fabric]  
 Acmeda recommend weighing the actual system in order to determine appropriate fixings required.

130mm TUBE																													
Drop (m)	WIDTH																												
	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
0.5	21	23	24	25	27	28	29	31	32	33	34	36	37	38	40	41	42	44	45	46	47	49	50	51	53	54	55	57	58
1.0	22	24	25	27	28	29	31	32	33	35	36	37	39	40	42	43	44	46	47	48	50	51	53	54	55	57	58	59	61
1.5	23	25	26	28	29	31	32	33	35	36	38	39	41	42	44	45	46	48	49	51	52	54	55	57	58	59	61	62	64
2.0	24	26	27	29	30	32	33	35	36	38	39	41	42	44	46	47	49	50	52	53	55	56	58	59	61	62	64	65	67
2.5	25	27	28	30	31	33	35	36	38	39	41	43	44	46	47	49	51	52	54	55	57	59	60	62	63	65	67	68	70
3.0	26	28	29	31	33	34	36	38	39	41	43	44	46	48	49	51	53	54	56	58	59	61	63	64	66	68	69	71	73
3.5	27	29	30	32	34	36	37	39	41	43	44	46	48	50	51	53	55	57	58	60	62	64	65	67	69	71	72	74	76
4.0	28	30	31	33	35	37	39	41	42	44	46	48	50	51	53	55	57	59	61	62	64	66	68	70	72	73	75	77	79
4.5	29	31	32	34	36	38	40	42	44	46	48	50	51	53	55	57	59	61	63	65	67	69	70	72	74	76	78	80	82
5.0	30	32	34	35	37	39	41	43	45	47	49	51	53	55	57	59	61	63	65	67	69	71	73	75	77	79	81	83	85
5.5	30	33	35	37	39	41	43	45	47	49	51	53	55	57	59	61	63	65	67	69	71	73	76	78	80	82	84	86	88
6.0	31	33	36	38	40	42	44	46	48	50	53	55	57	59	61	63	65	67	70	72	74	76	78	80	82	84	87	89	91
6.5	32	34	37	39	41	43	45	48	50	52	54	56	59	61	63	65	67	70	72	74	76	78	81	83	85	87	89	92	94
7.0	33	35	38	40	42	45	47	49	51	54	56	58	60	63	65	67	70	72	74	76	79	81	83	85	88	90	92	95	97
7.5	34	36	39	41	43	46	48	50	53	55	58	60	62	65	67	69	72	74	76	79	81	83	86	88	90	93	95	97	100
8.0	35	37	40	42	45	47	49	52	54	57	59	62	64	66	69	71	74	76	79	81	83	86	88	91	93	96	98	100	103
8.5	36	38	41	43	46	48	51	53	56	58	61	63	66	68	71	73	76	78	81	83	86	88	91	93	96	98	101	103	106
9.0	37	39	42	44	47	50	52	55	57	60	62	65	68	70	73	75	78	80	83	86	88	91	93	96	98	101	104	106	109
9.5	38	40	43	46	48	51	54	56	59	61	64	67	69	72	75	77	80	83	85	88	91	93	96	99	101	104	106	109	112
10.0	39	41	44	47	49	52	55	58	60	63	66	68	71	74	77	79	82	85	88	90	93	96	98	101	104	107	109	112	115

The above chart is indicative only. Weights are based on theoretical calculations and limited to a maximum system weight of 75Kgs & 130 tube length of 7.0m. [Typical case based on - Top/Face Fix, 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 - MOTORISED - TOP / FACE FIX 750gsm FABRIC cont...

160mm TUBE																													
Drop (m)	WIDTH																												
	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
0.5	26	28	29	31	32	33	35	36	37	39	40	42	43	44	46	47	48	50	51	53	54	55	57	58	59	61	62	64	65
1.0	27	29	30	32	33	35	36	37	39	40	42	43	45	46	48	49	50	52	53	55	56	58	59	61	62	64	65	66	68
1.5	28	30	31	33	34	36	37	39	40	42	43	45	46	48	50	51	53	54	56	57	59	60	62	63	65	66	68	69	71
2.0	29	31	32	34	35	37	39	40	42	43	45	47	48	50	51	53	55	56	58	59	61	63	64	66	67	69	71	72	74
2.5	30	32	33	35	37	38	40	42	43	45	47	48	50	52	53	55	57	58	60	62	63	65	67	69	70	72	74	75	77
3.0	31	33	34	36	38	40	41	43	45	47	48	50	52	54	55	57	59	61	62	64	66	68	69	71	73	75	76	78	80
3.5	32	34	35	37	39	41	43	45	46	48	50	52	54	56	57	59	61	63	65	66	68	70	72	74	76	77	79	81	83
4.0	33	35	36	38	40	42	44	46	48	50	52	54	55	57	59	61	63	65	67	69	71	73	74	76	78	80	82	84	86
4.5	34	36	38	40	41	43	45	47	49	51	53	55	57	59	61	63	65	67	69	71	73	75	77	79	81	83	85	87	89
5.0	34	37	39	41	43	45	47	49	51	53	55	57	59	61	63	65	67	69	71	73	75	78	80	82	84	86	88	90	92
5.5	35	37	40	42	44	46	48	50	52	54	57	59	61	63	65	67	69	71	74	76	78	80	82	84	86	88	91	93	95
6.0	36	38	41	43	45	47	49	52	54	56	58	60	63	65	67	69	71	74	76	78	80	82	85	87	89	91	93	96	98
6.5	37	39	42	44	46	49	51	53	55	58	60	62	64	67	69	71	74	76	78	80	83	85	87	89	92	94	96	99	101
7.0	38	40	43	45	47	50	52	55	57	59	62	64	66	69	71	73	76	78	80	83	85	87	90	92	94	97	99	101	104
7.5	39	41	44	46	49	51	54	56	58	61	63	66	68	70	73	75	78	80	83	85	87	90	92	95	97	100	102	104	107
8.0	40	42	45	47	50	52	55	57	60	62	65	67	70	72	75	77	80	82	85	87	90	92	95	97	100	102	105	107	110
8.5	41	43	46	48	51	54	56	59	61	64	66	69	72	74	77	79	82	85	87	90	92	95	97	100	103	105	108	110	113
9.0	42	44	47	50	52	55	58	60	63	65	68	71	73	76	79	81	84	87	89	92	95	97	100	103	105	108	111	113	116
9.5	43	45	48	51	53	56	59	62	64	67	70	73	75	78	81	83	86	89	92	94	97	100	102	105	108	111	113	116	119
10.0	43	46	49	52	55	57	60	63	66	69	71	74	77	80	83	85	88	91	94	97	99	102	105	108	111	113	116	119	122

LEGEND	DESCRIPTION
	110 mm Tube
	130 mm Tube
	160 mm Tube (Spliced)
	160 mm Tube
	Above theoretical limit

"The above chart is indicative only. Weights are based on theoretical calculations and limited to a maximum system weight of 75Kgs & 160 tube length of 6.8m. Acmeda recommend weighing the actual system in order to determine appropriate fixings required.

NOTE: For spliced tube, allow additional weight of 2.0m length (min) of 130 tube = aprox 10Kgs. (Max. 130 tube length = 7.5m) "

## SECTION A / PART 4 - TEST SUMMARY

### TEST: PRODUCT EVALUATION

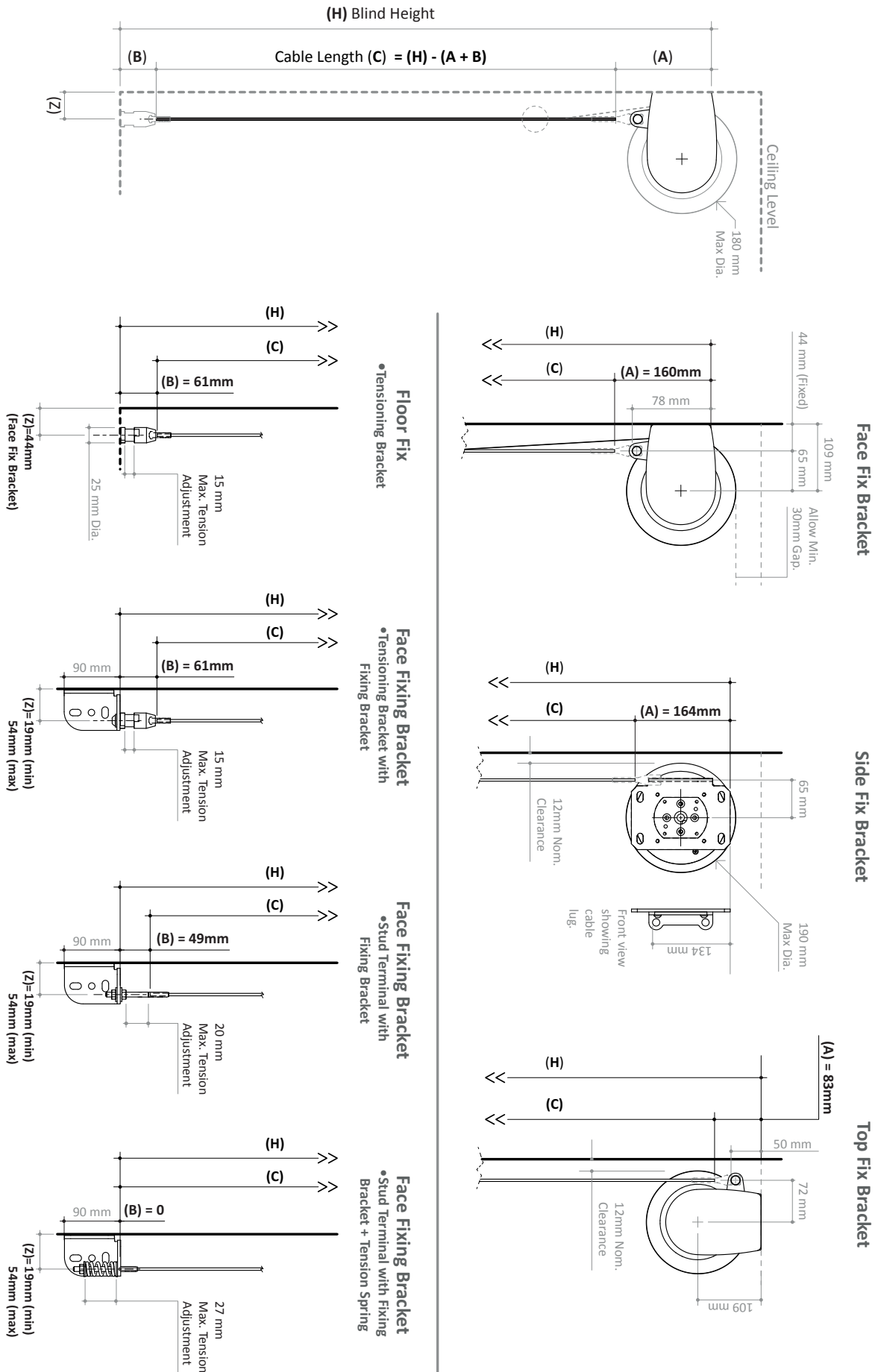
Performed by:	Acmeda Australia
Test Report Number:	TR-2012053 - S100 Extreme Test Blind - Acmeda
Blind Width:	6000mm
Blind Drop:	7000mm (installed) 8000mm (Fabric)
Fabric:	Ferrari Soltis 93 - Railroad (x2 welds) 2.7 wide fabric (Max. 0.6mm fabric)
Control:	Motor
Bracket Installation:	Face Fix
Wire Guide Adaptor Installation:	Face Fix

### TEST: PRODUCT EVALUATION

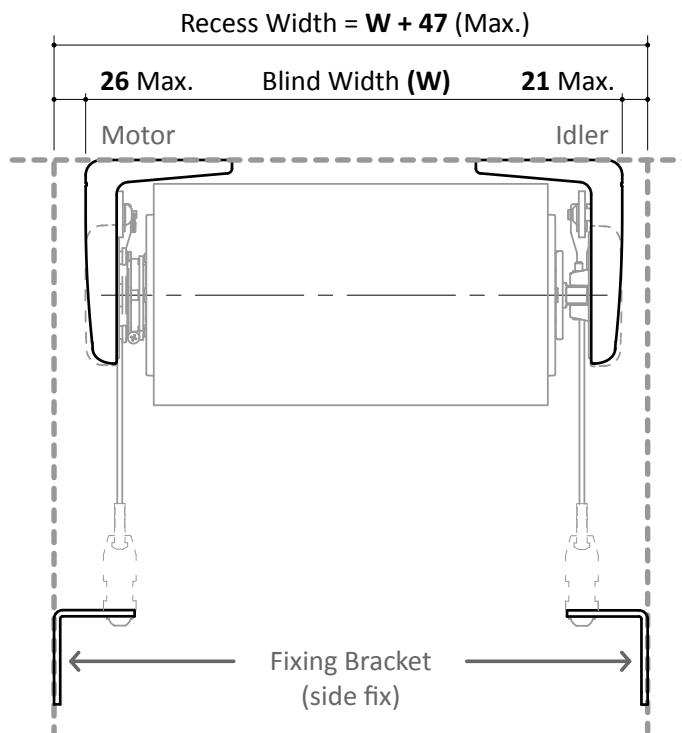
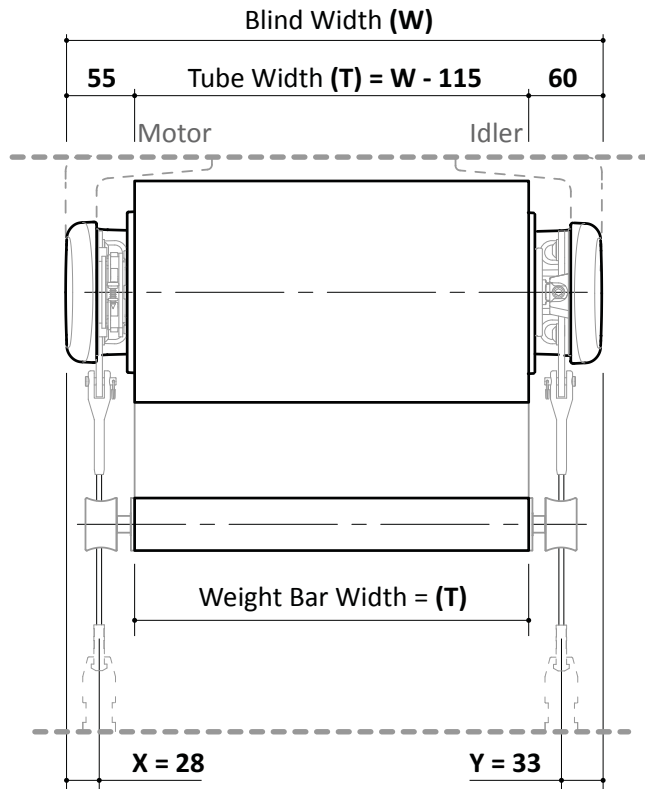
Performed by:	Acmeda Australia
Test Report Number:	TR-2012053 - S100 Extreme Test Blind - Acmeda
Blind Width:	6000mm
Blind Drop:	2500mm
Fabric:	Texstyle - Serengetti Blockout 100% polyester coated with acrylic foam
Control:	Crank
Bracket Installation:	Face Fix
Wire Guide Adaptor Installation:	Floor Fix



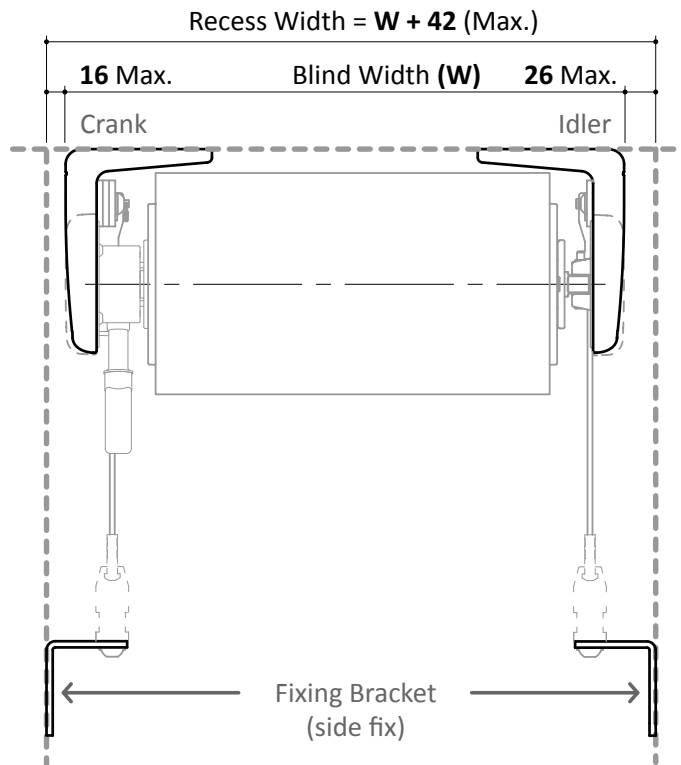
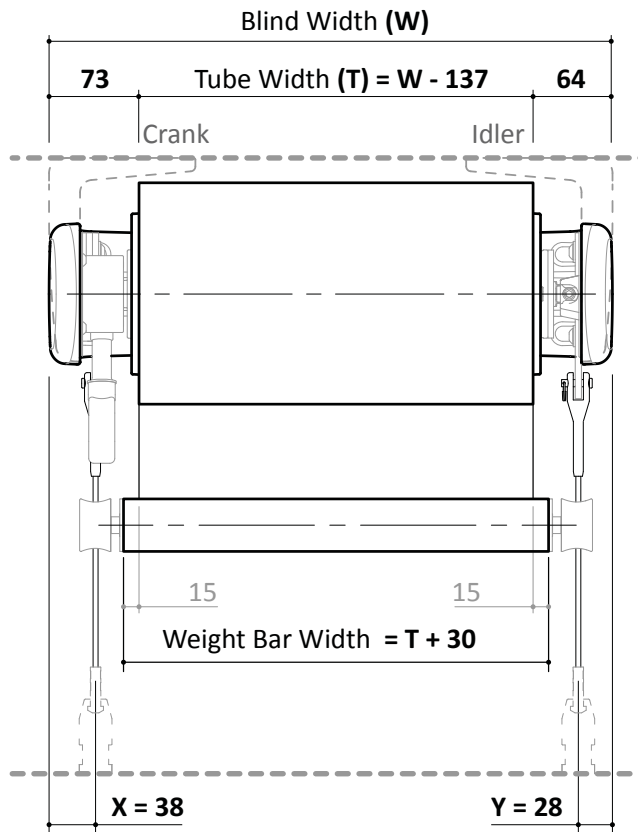
WIRE GUIDE LENGTH - TOP / FACE / SIDE FIX - MOTOR / CRANK



TOP / FACE BRACKET - MOTOR CONTROL



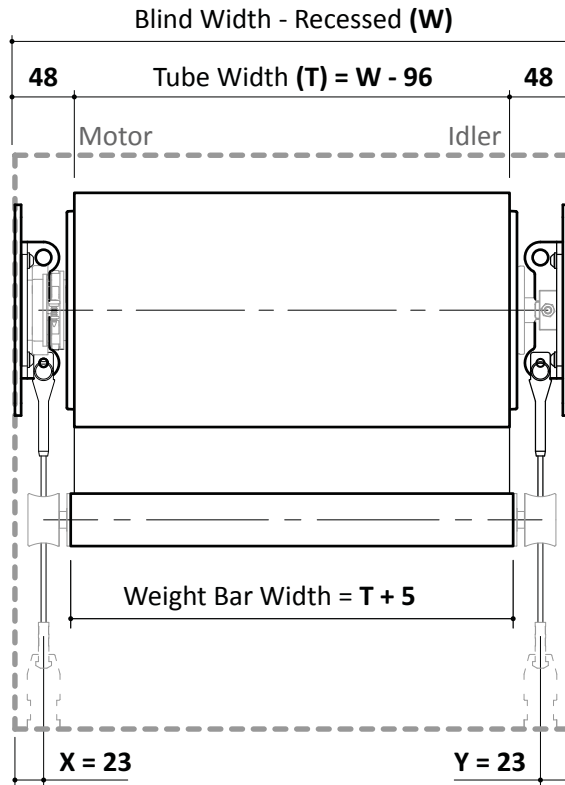
TOP / FACE FIX BRACKET - CRANK GEAR CONTROL



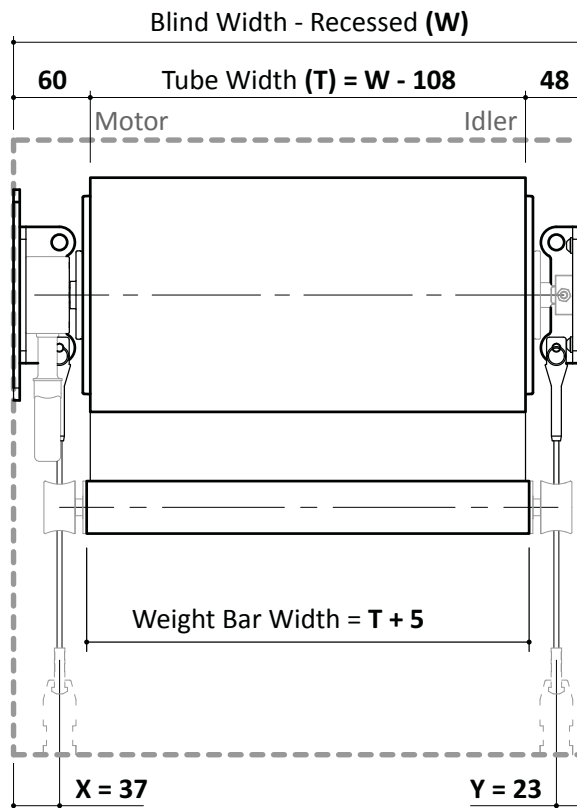
## SECTION B / PART 2 - DEDUCTIONS cont...

### SIDE FIX BRACKET - MOTOR & CRANK CONTROL

#### MOTOR CONTROL



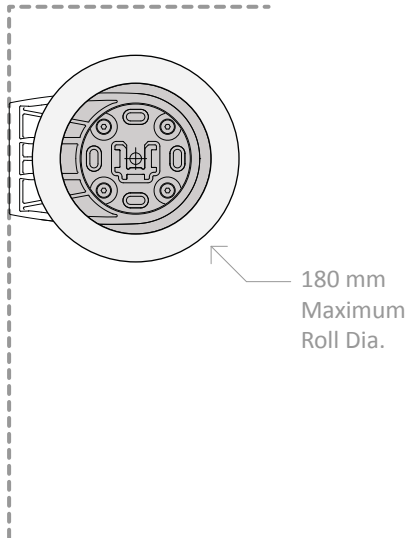
#### CRANK GEAR CONTROL



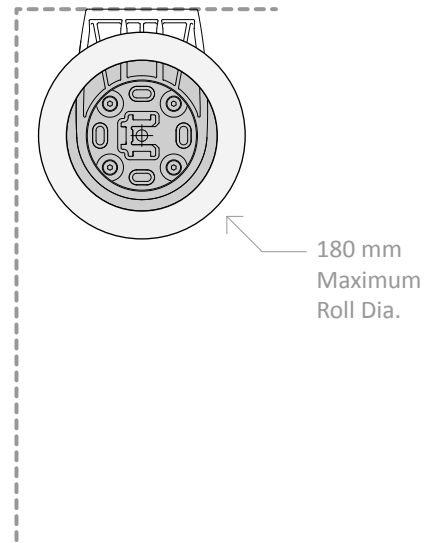
## SECTION B / PART 3 - DEDUCTIONS

### MAXIMUM ROLL DIAMETERS

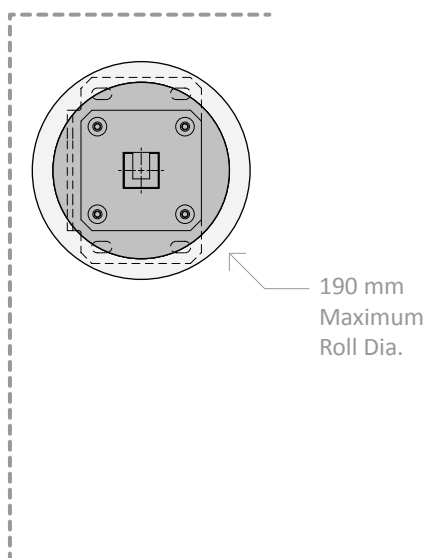
#### FACE FIX BRACKET



#### TOP FIX BRACKET



#### SIDE FIX BRACKET



## SECTION C - MATERIAL COMPUNDS

PART NUMBER	PRODUCT	MATERIAL	ALUMINIUM & 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	Aluminium Tube 110mm	Aluminium 6063-T5	- Mill Finish - Anodised 20µm min. depth - Powder coat
RB93-0130-xxxLLL	Aluminium Tube 130mm	Aluminium 6063-T5	- Mill Finish - Anodised 20µm min. depth - Powder coat
RB93-0160-xxxLLL	Aluminium Tube 160mm	Aluminium 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 Extreme Roller End Plate 130 mm Extreme Roller End Plate 160 mm	PA6-GF30 (UVS) & 316 Stainless Steel.	- N/A
RB56-0762-014050	Universal Zamack Adapter	Aluminium Alloy (Zamak), 304 & 316 Stainless Steel.	- N/A
RB80-0411-025050	Zamack Adapter Spacer	MSPL 5.0 GR250	- Zinc Plated - Powder coat (optional)
RB80-0471-xxx100	Extreme Wire Guide Adapter Bracket Kit – Top/Face Fix	MSPL 5.0 GR250, 304 Stainless Steel	- Zinc Plated - Powder coat (optional)
RB80-0473-xxx100	Extreme Wire Guide Adapter Bracket Kit – Top/Face Fix + 1 Spacer	MSPL 5.0 GR250, 304 Stainless Steel	- Zinc Plated - Powder coat (optional)
RB80-0474-xxx100	Extreme Wire Guide Adapter Bracket Kit – Top/Face Fix + 2 Spacer	MSPL 5.0 GR250, 304 Stainless Steel	- Zinc Plated - Powder coat (optional)
RB80-1201-xxx109	Top / Face fix Brackets • S100	Aluminium 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	Aluminium 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)
RB80-0472-xxx100	Extreme Wire Guide Adapter Bracket Kit Side Fix	MSPL 5.0 GR250	- Zinc Plated - Powder coat (optional)
RB80-0475-xxx100	Extreme Wire Guide Adapter Bracket Kit Side Fix • Crank End	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/Face Fix	MSPL 4.0 GR250, 304 Stainless Steel	- Zinc Plated - Powder coat (optional) - Natural
RB05-9201-xxx120 RB05-9201-xxx160	Crank Arm Rod 120cm Crank Arm Rod 160cm	Steel	- Zinc Plated - Powder coat
RE24-2301-xxx090	Wall Mounting Bracket LH& RH set 90mm x 38mm	316 Stainless Steel	-Polished

5yrWarranty | SILVER

## ACMEDA WARRANTY DOCUMENT

This Warranty is issued for the benefit of Acmeda's customer ("Customer") and is offered on the condition that the Warranty is not provided, disclosed, or passed on, to a third party who acquires the products, hardware or associated components that are the subject of this Warranty from the Customer.

The Warranty in respect of the product(s) specified below ("Product(s)") is for a period of 5 years from the date of purchase of the Product(s) by the Customer, provided that the Product(s) are only used with Acmeda components or components expressly specified by Acmeda, for the operation of the system made up of the Product(s) and components.

### TERMS AND CONDITIONS OF WARRANTY

Acmeda™ provides a Warranty for the Product(s) and the Components purchased by the Customer for external applications intended to be acquired for the purpose of re-supply, or using or transforming them in trade or commerce in the course of production or manufacture or repairing or treating other goods or fixtures on land.

#### PRODUCT

The products (components and hardware) subject to this Warranty are:

### RB80 EXTREME SYSTEM • S100

The Product(s) and the Components are covered for defect in materials, workmanship or failure to operate.

Defective Product(s) and Components will be repaired or replaced at Acmeda's discretion.

The cost of removal and reinstallation shall be borne by the Customer.

The Customer must provide Acmeda with proof of purchase in order to make a claim under this Warranty.

The Acmeda Warranty does not cover;

- Abuse to the Product(s) or Components such as alterations, accidents, misuse.
- Installation, use, maintenance or modifications outside of the Product(s), Component specifications.

Unless the Products(s) or the Components are of a kind ordinarily acquired for personal, domestic or household use or consumption, neither Acmeda nor its distributors shall be liable or responsible for incidental or consequential damages or for any other direct or indirect damage, loss, cost, expense or fee.

This Warranty supplements the Acmeda Terms and Conditions of Sale as amended from time to time.

This Warranty must therefore be read in conjunction with the Terms and Conditions of Sale, a copy of which can be obtained from Acmeda. As stated in the Terms and Conditions of Sale, Acmeda is required under the Australian Consumer Law ("ACL"), to make certain guarantees regarding its products and services and Acmeda makes those guarantees to the extent that it is required to do so. Nothing in this Warranty affects any rights a Customer may have under the ACL and this Warranty sits alongside the ACL, which cannot be excluded. Where the ACL does not apply, all other express or implied warranties or guarantees are, to the maximum extent permitted by law, expressly excluded.

This Warranty document is intended for Acmeda customers only, and is therefore non transferrable.

For further information please contact Acmeda.



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### MEASURE & SPECIFY GUIDELINES

In order to assist with providing seamless communication between the Specifier, Assembler and Installer 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 Blind Sizes' are based on:

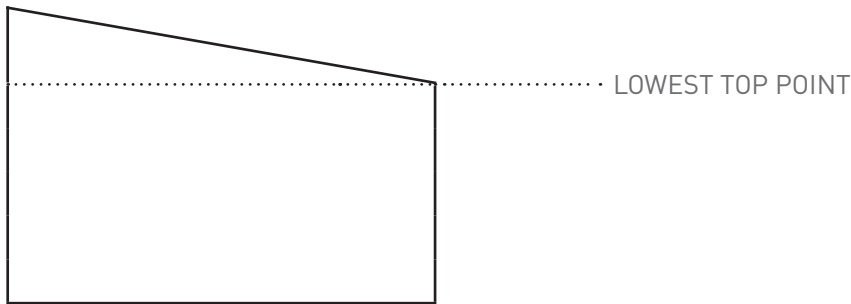
- Minimum clearances where relevant to assist installers
- Compromise between minimising onsite adjustments for installer (plus, overall appearance for end user) and simplifying process/communication for Specifier.
- To simplify the Specifiers task 'Actual Blind Widths' could be based on the smallest 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:**

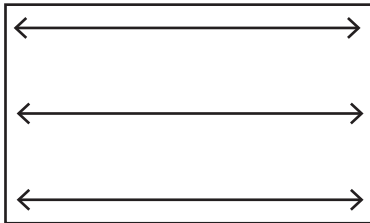
TIP 1: Check Top of Installation Space is level

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)

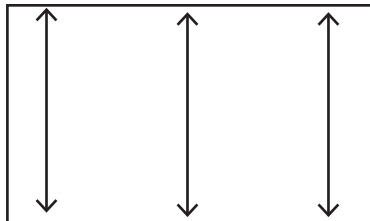


TIP 2: Measure Installation Widths and Drops at two different points.

- 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.

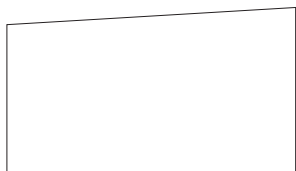
# SECTION E: MEASURE & SPECIFY cont...

## BLIND DROP

For all scenarios



Top & Bottom level



Top uneven & Bottom level



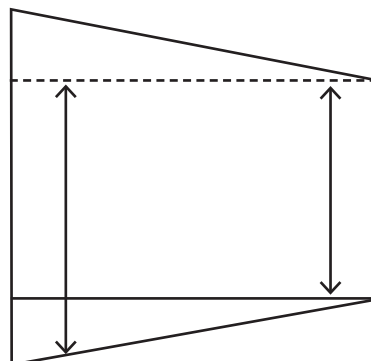
Top level & Bottom uneven^

Top & Bottom uneven^

**Blind Drop = Smallest Drop Size**

## EXAMPLE

Top & Bottom uneven



DROP (mm)

2040

2000

LEFT

RIGHT

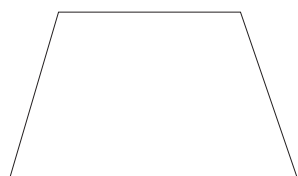
**Blind Drop = Smallest Drop Size  
= Right Hand Drop Size  
= 2000**

## BLIND WIDTH

For the following scenarios:



Top & Bottom Widths identical, sides are level

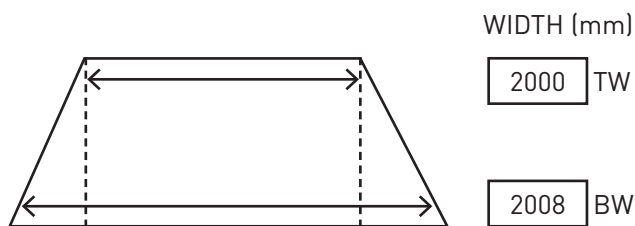


Top Width smaller than Bottom Width, sides are not level

**Blind Width = Top Width**

## EXAMPLE

Top Width smaller than Bottom Width, sides are not level



WIDTH (mm)

2000 TW

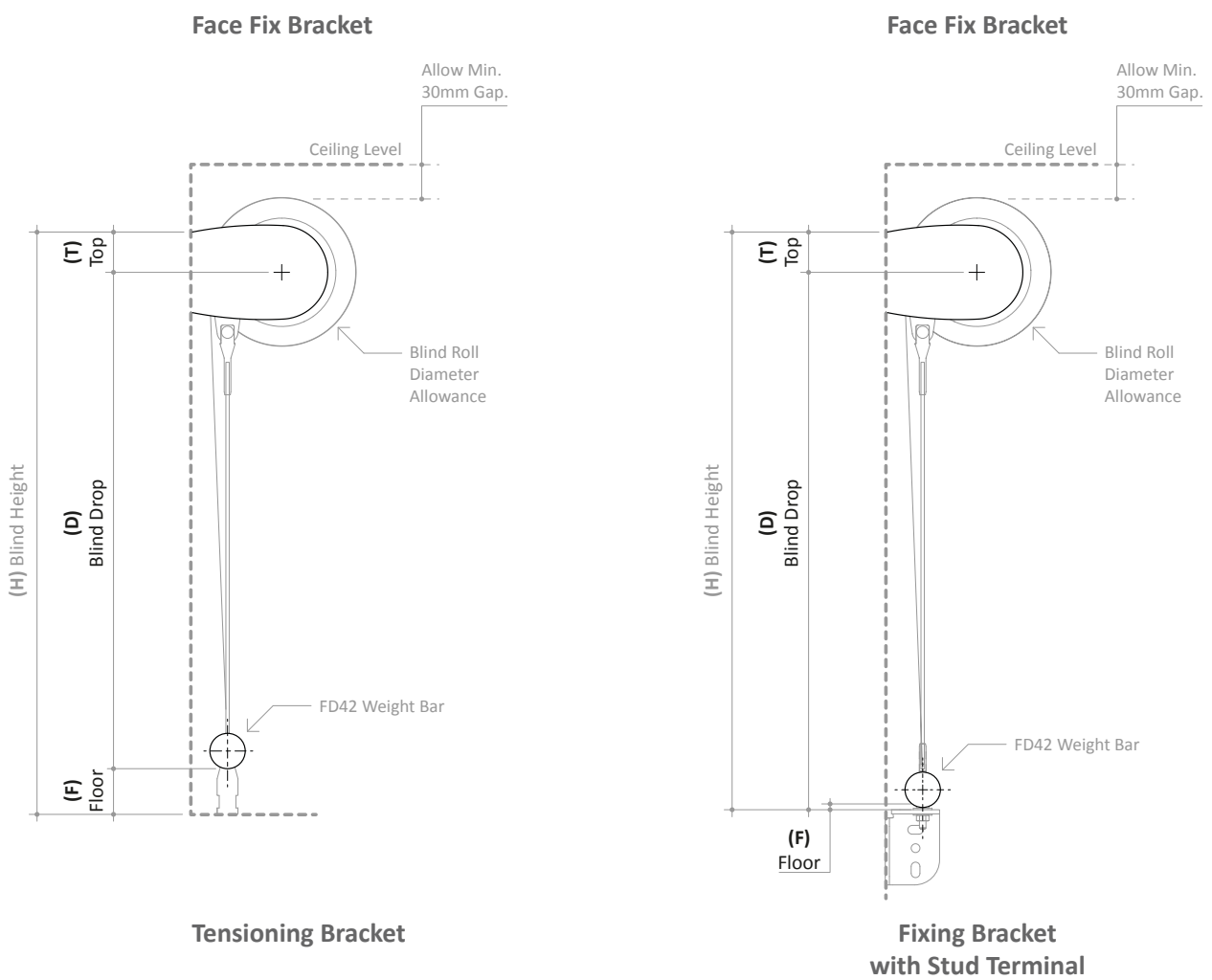
2008 BW

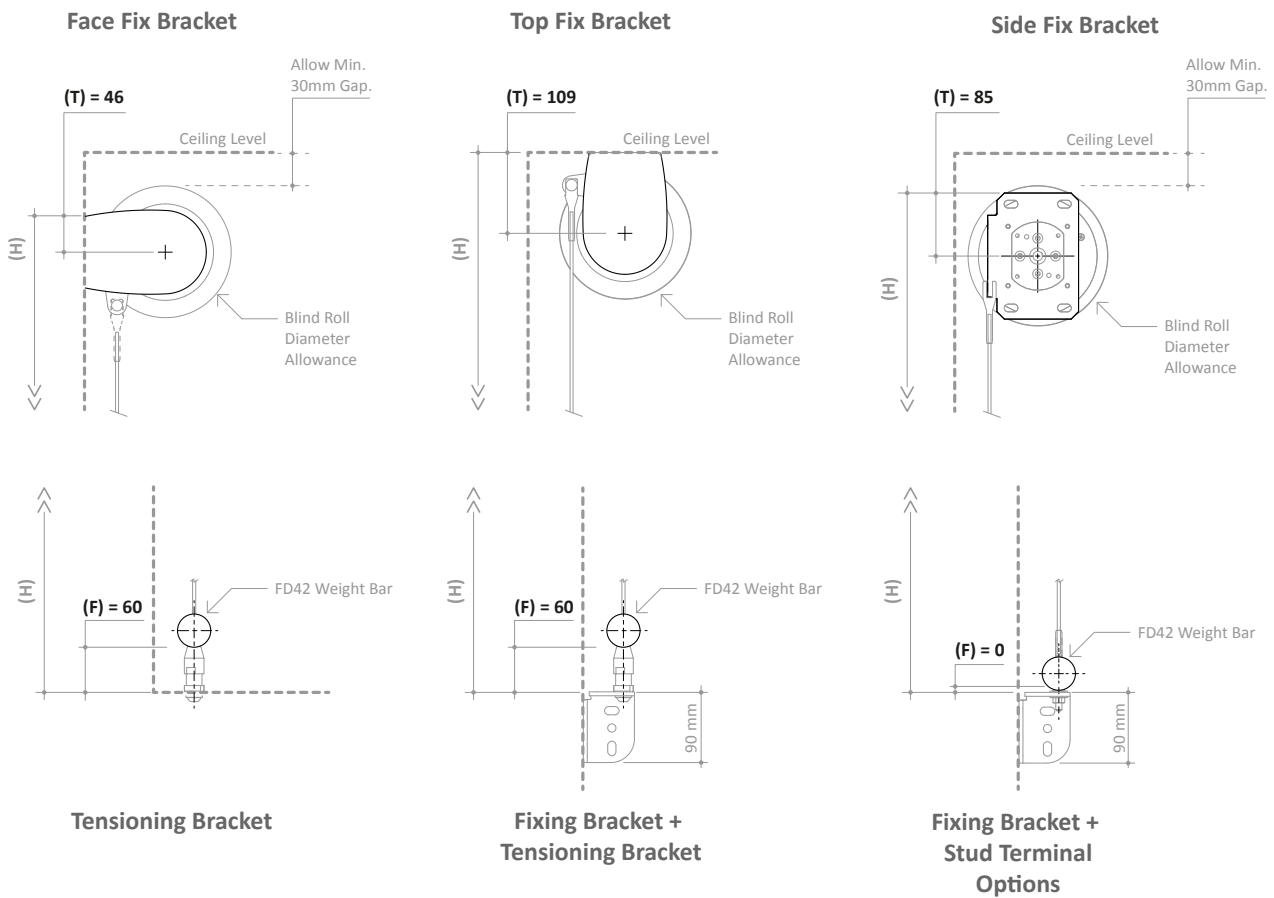
**Blind Width = Smallest Width  
= 2000**

## SECTION E: MEASURE & SPECIFY cont...

**FABRIC LENGTH** - To determine the correct fabric

- Measure the overall height for blind space (H)  
(Note: Allow for Max Roll Diameter and clearance above roll if applicable.)
- Determine Installation type Face / Top / Side Fix
- Determine appropriate Tube size for span 110 / 130 / 160 mm
- Select wire guide anchor fixing method
- Use appropriate floor and top deductions to determine blind drop.  
(Note for actual fabric dimensions refer to Assembly Section D: BOM & Deductions)





**REFERENCE TABLES:**

Tube Wrap Allowance*		
110 Tube	130 Tube	160 Tube
370mm	430mm	525mm

**BLIND DROP CALCULATION**

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

**Fabric Length calculation**

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

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

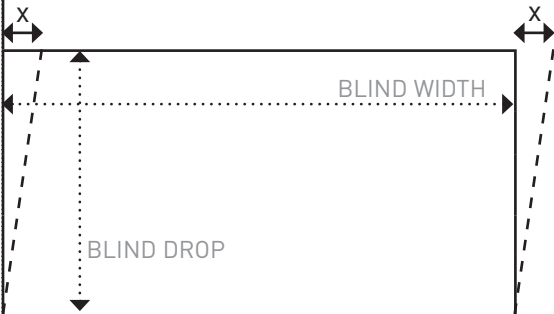
**SECTION E: MEASURE & SPECIFY cont...**

**CUSTOMER DETAILS**

**Customer's Name:**

**Job Number:**

**INSTALLATION SPACE**



**INSTRUCTIONS**

TOP WIDTH (mm)\*

BOTTOM WIDTH (mm)

← Enter Blind Drops (mm)

LEFT DROP\* (mm)

RIGHT DROP\* (mm)

← Enter Blind Drops (mm)

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

x Value (mm)

← Enter 'x' value (mm)

\* 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 BLIND SIZE\*\***

BLIND WIDTH (mm):

BLIND DROP (mm):

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

**LEGEND**

Enter / Advise Values of Installation Site

Calculated Values (Actual Blinds Sizes)

## SECTION E: MEASURE & SPECIFY cont...

### INSTALLATION

Number of blinds?

Stand alone or side-by-side blind?

Building material Extreme System being fixed 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

160cm

### CONTROL SIDE

Left Hand (facing front of blind)

Right Hand (facing front of blind)

### SYSTEM COLOUR

### FABRIC TYPE & COLOUR

### TUBE TYPE

110mm

130mm

160mm

### TUBE SPLINE TYPE \*

15mm Flat Spline

6.5mm Semi Rigid Round Spline

### WIRE GUIDE \*

Floor Fix Tensioning Bracket (5m max drop)

Face / Side Fix

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 Acmeda's recommendations.