

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/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	7.0
3	1.0																		
4	1.2																		
5	1.5																		
6	1.8																		
7	2.0																		
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27	12.0																		
28	12.5																		
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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



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

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

FABRIC: 750gsm / 22.11oz/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	7.0	7.2	7.4	7.6	7.8	8.0
3	1.0																							
4	1.5																							
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6	2.5																							
7	3.0																							
8	3.5																							
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12	5.5																							
13	6.0																							
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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



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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	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																								
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7	3.0																								
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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	5.8	6.0	6.2	6.4	6.6	6.8	
3	1.0																								
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37	9.5																								
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39	10.0																								
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41	10.5																								
42																									
43	11.0																								
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75	19.0																								
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103	26.0																								
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105	26.5																								
106																									
107	27.0																								
108																									
109	27.5																								
110																									
111	28.0																								
112																									
113	28.5																								

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.



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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	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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	88	90	92	94	96	98	100	102	104	106	108	110																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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	94	96	98	100	102	104	106	108	110																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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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	99	101	103	105	107	109	111	113	115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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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	103	105	107	109	111	113	115	117	119	121	123	125	127	129	131	133	135	137	139	141	143	145	147	149	151	153	155	157	159	161	163	165	167	169	171	173	175	177	179	181	183	185	187	189	191	193	195	197	199	201	203	205	207	209	211	213	215	217	219	221	223	225	227	229	231	233	235	237	239	241	243	245	247	249	251	253	255	257	259	261	263	265	267	269	271	273	275	277	279	281	283	285	287	289	291	293	295	297	299	301	303	305	307	309	311	313	315	317	319	321	323	325	327	329	331	333	335	337	339	341	343	345	347	349	351	353	355	357	359	361	363	365	367	369	371	373	375	377	379	381	383	385	387	389	391	393	395	397	399	401	403	405	407	409	411	413	415	417	419	421	423	425	427	429	431	433	435	437	439	441	443	445	447	449	451	453	455	457	459	461	463	465	467	469	471	473	475	477	479	481	483	485	487	489	491	493	495	497	499	501	503	505	507	509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	543	545	547	549	551	553	555	557	559	561	563	565	567	569	571	573	575	577	579	581	583	585	587	589	591	593	595	597	599	601	603	605	607	609	611	613	615	617	619	621	623	625	627	629	631	633	635	637	639	641	643	645	647	649	651	653	655	657	659	661	663	665	667	669	671	673	675	677	679	681	683	685	687	689	691	693	695	697	699	701	703	705	707	709	711	713	715	717	719	721	723	725	727	729	731	733	735	737	739	741	743	745	747	749	751	753	755	757	759	761	763	765	767	769	771	773	775	777	779	781	783	785	787	789	791	793	795	797	799	801	803	805	807	809	811	813	815	817	819	821	823	825	827	829	831	833	835	837	839	841	843	845	847	849	851	853	855	857	859	861	863	865	867	869	871	873	875	877	879	881	883	885	887	889	891	893	895	897	899	901	903	905	907	909	911	913	915	917	919	921	923	925	927	929	931	933	935	937	939	941	943	945	947	949	951	953	955	957	959	961	963	965	967	969	971	973	975	977	979	981	983	985	987	989	991	993	995	997	999	1001	1003	1005	1007	1009	1011	1013	1015	1017	1019	1021	1023	1025	1027	1029	1031	1033	1035	1037	1039	1041	1043	1045	1047	1049	1051	1053	1055	1057	1059	1061	1063	1065	1067	1069	1071	1073	1075	1077	1079	1081	1083	1085	1087	1089	1091	1093	1095	1097	1099	1101	1103	1105	1107	1109	1111	1113	1115	1117	1119	1121	1123	1125	1127	1129	1131	1133	1135	1137	1139	1141	1143	1145	1147	1149	1151	1153	1155	1157	1159	1161	1163	1165	1167	1169	1171	1173	1175	1177	1179	1181	1183	1185	1187	1189	1191	1193	1195	1197	1199	1201	1203	1205	1207	1209	1211	1213	1215	1217	1219	1221	1223	1225	1227	1229	1231	1233	1235	1237	1239	1241	1243	1245	1247	1249	1251	1253	1255	1257	1259	1261	1263	1265	1267	1269	1271	1273	1275	1277	1279	1281	1283	1285	1287	1289	1291	1293	1295	1297	1299	1301	1303	1305	1307	1309	1311	1313	1315	1317	1319	1321	1323	1325	1327	1329	1331	1333	1335	1337	1339	1341	1343	1345	1347	1349	1351	1353	1355	1357	1359	1361	1363	1365	1367	1369	1371	1373	1375	1377	1379	1381	1383	1385	1387	1389	1391	1393	1395	1397	1399	1401	1403	1405	1407	1409	1411	1413	1415	1417	1419	1421	1423	1425	1427	1429	1431	1433	1435	1437	1439	1441	1443	1445	1447	1449	1451	1453	1455	1457	1459	1461	1463	1465	1467	1469	1471	1473	1475	1477	1479	1481	1483	1485	1487	1489	1491	1493	1495	1497	1499	1501	1503	1505	1507	1509	1511	1513	1515	1517	1519	1521	1523	1525	1527	1529	1531	1533	1535	1537	1539	1541	1543	1545	1547	1549	1551	1553	1555	1557	1559	1561	1563	1565	1567	1569	1571	1573	1575	1577	1579	1581	1583	1585	1587	1589	1591	1593	1595	1597	1599	1601	1603	1605	1607	1609	1611	1613	1615	1617	1619	1621	1623	1625	1627	1629	1631	1633	1635	1637	1639	1641	1643	1645	1647	1649	1651	1653	1655	1657	1659	1661	1663	1665	1667	1669	1671	1673	1675	1677	1679	1681	1683	1685	1687	1689	1691	1693	1695	1697	1699	1701	1703	1705	1707	1709	1711	1713	1715	1717	1719	1721	1723	1725	1727	1729	1731	1733	1735	1737	1739	1741	1743	1745	1747	1749	1751	1753	1755	1757	1759	1761	1763	1765	1767	1769	1771	1773	1775	1777	1779	1781	1783	1785	1787	1789	1791	1793	1795	1797	1799	1801	1803	1805	1807	1809	1811	1813	1815	1817	1819	1821	1823	1825	1827	1829	1831	1833	1835	1837	1839	1841	1843	1845	1847	1849	1851	1853	1855	1857	1859	1861	1863	1865	1867	1869	1871	1873	1875	1877	1879	1881	1883	1885	1887	1889	1891	1893	1895	1897	1899	1901

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.



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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		59	62	65	68	72	75	78	81	84	87	90	93	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141									
4	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								
5		61	64	67	70	73	77	80	83	86	89	92	95	99	102	105	108	111	114	117	120	123	126	129	132	135	139	142	145	148								
6	2.0	62	65	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		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	2.5	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								
9		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								
10	3.0	66	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								
11		67	71	75	79	83	87	91	94	98	101	105	109	112	116	120	123	127	130	134	138	141	145	149	152	156	160	164	167	171								
12	3.5	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								
13		69	73	77	81	85	89	93	97	100	104	108	111	115	119	123	126	130	133	137	141	145	149	153	157	161	164	168	172	176								
14	4.0	70	74	78	82	86	89	93	97	101	105	109	113	117	121	125	129	133	137	141	145	149	153	157	161	164	168	172	176	180								
15		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								
16	4.5	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								
17		73	78	82	86	90	94	98	102	106	110	114	118	123	127	131	135	139	143	147	151	155	160	164	168	173	177	181	186	190								
18	5.0	74	79	83	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								
19		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								
20	5.5	76	81	85	89	93	97	101	105	109	113	117	121	125	130	134	138	143	147	151	155	160	164	168	173	177	181	186	190	194								
21		77	82	86	90	94	98	102	106	110	114	118	122	126	131	135	140	144	149	154	158	163	167	172	176	181	185	190	194	199								
22	6.0	78	83	87	92	97	101	106	110	115	119	124	129	134	138	143	148	152	157	162	166	171	175	180	185	189	194	199	203	208								
23		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								
24	6.5	80	85	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								
25		81	86	91	96	101	106	111	116	121	126	131	136	141	146	151	156	161	166	171	176	181	186	191	196	201	206	211	216	221								
26	7.0	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								
27		83	88	93	98	103	108	113	118	123	128	133	138	143	148	153	158	163	168	173	178	183	188	193	198	203	208	213	218	223								
28	7.5	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								
29		85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	186	191	196	201	206	211	216	221	226								
30	8.0	86	91	96	101	106	111	116	121	126	131	136	141	146	151	156	161	166	171	176	181	186	191	196	201	206	211	216	221	226								
31		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	227								
32	8.5	88	93	98	103	108	113	118	123	128	133	138	143	148	153	158	163	168	173	178	183	188	193	198	203	208	213	218	223	228								
33		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	231								
34	9.0	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	186	191	196	201	206	211	216	221	226	231								
35		91	96	101	106	111	116	121	126	131	136	141	146	151	156	161	166	171	176	181	186	191	196	201	206	211	216	221	226	231								
36	9.5	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	227	232								
37		93	98	103	108	113	118	123	128	133	138	143	148	153	158	163	168	173	178	183	188	193	198	203	208	213	218	223	228	233								
38	10.0	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	231	236								
39		95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	186	191	196	201	206	211	216	221	226	231	236								

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)



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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.



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

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

130mm (5.11") 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	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
2	1.0	49	52	55	58	61	64	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113	116	119	122	125	128	131	134
3		51	55	58	61	64	67	70	74	77	80	83	86	90	93	96	99	102	106	109	112	115	118	122	125	128	131	134	138	141
4	1.5	53	57	60	63	67	70	73	77	80	84	87	90	94	97	100	104	107	110	114	117	120	124	127	131	134	137	141	144	147
5	2.0	55	59	62	66	69	73	76	80	83	87	91	94	98	101	105	108	112	115	119	122	126	129	133	136	140	143	147	150	154
6	2.5	57	61	65	68	72	76	79	83	87	90	94	98	102	105	109	113	116	120	124	127	131	135	138	142	146	149	153	157	161
7	3.0	59	63	67	71	75	79	82	86	90	94	98	102	105	109	113	117	121	125	129	132	136	140	144	148	152	156	159	163	167
8	3.5	61	65	69	73	77	81	85	89	93	97	101	105	109	113	117	122	126	130	134	138	142	146	150	154	158	162	166	170	174
9	4.0	63	67	72	76	80	84	88	92	97	101	105	109	113	118	122	126	130	134	139	143	147	151	155	159	164	168	172	176	180
10	4.5	65	70	74	78	83	87	91	96	100	104	109	113	117	122	126	130	135	139	143	148	152	157	161	165	170	174	178	183	187
11	5.0	67	72	76	81	85	90	94	99	103	108	112	117	121	126	130	135	139	144	148	153	157	162	166	171	176	180	185	189	194
12	5.5	69	74	78	83	88	93	97	102	107	111	116	121	125	130	135	139	144	149	153	158	163	167	172	177	181	186	191	196	200
13	6.0	71	76	81	86	90	95	100	105	110	115	120	124	129	134	139	144	149	153	158	163	168	173	178	183	187	192	197	202	207
14	6.5	73	78	83	88	93	98	103	108	113	118	123	128	133	138	143	148	153	158	163	168	173	178	183	188	193	198	203	208	213
15	7.0	75	80	85	91	96	101	106	111	116	122	127	132	137	142	148	153	158	163	168	173	179	184	189	194	199	204	210	215	220
16	7.5	77	82	88	93	98	104	109	114	120	125	130	136	141	146	152	157	162	168	173	179	184	189	195	200	205	211	216	221	227
17	8.0	79	85	90	96	101	107	112	118	123	129	134	140	145	151	156	162	167	173	178	184	189	195	200	206	211	217	222	228	233
18	8.5	81	87	92	98	104	109	115	121	126	132	138	143	149	155	160	166	172	177	183	189	194	200	206	211	217	223	228	234	240
19	9.0	83	89	95	100	106	112	118	124	130	135	141	147	153	159	165	171	176	182	188	194	200	206	211	217	223	229	235	241	246
20	9.5	85	91	97	103	109	115	121	127	133	139	145	151	157	163	169	175	181	187	193	199	205	211	217	223	229	235	241	247	253

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.



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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																																							
3		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								
4	1.5	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									
5																																							
6		2.0	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								
7	2.5	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									
8																																							
9		3.0	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								
10	3.5	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									
11																																							
12		4.0	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								
13	4.5	74	78	83	87	91	96	100	104	109	113	118	122	126	131	135	139	144	148	152	157	161	165	170	174	179	183	187	192	196									
14																																							
15		5.0	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								
16	5.5	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									
17																																							
18		6.0	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								
19	6.5	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									
20																																							
21		7.0	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								
22	7.5	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									
23																																							
24		8.0	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								
25	8.5	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									
26																																							
27		9.0	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								
28	9.5	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									
29																																							
30		10.0	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								

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) "



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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

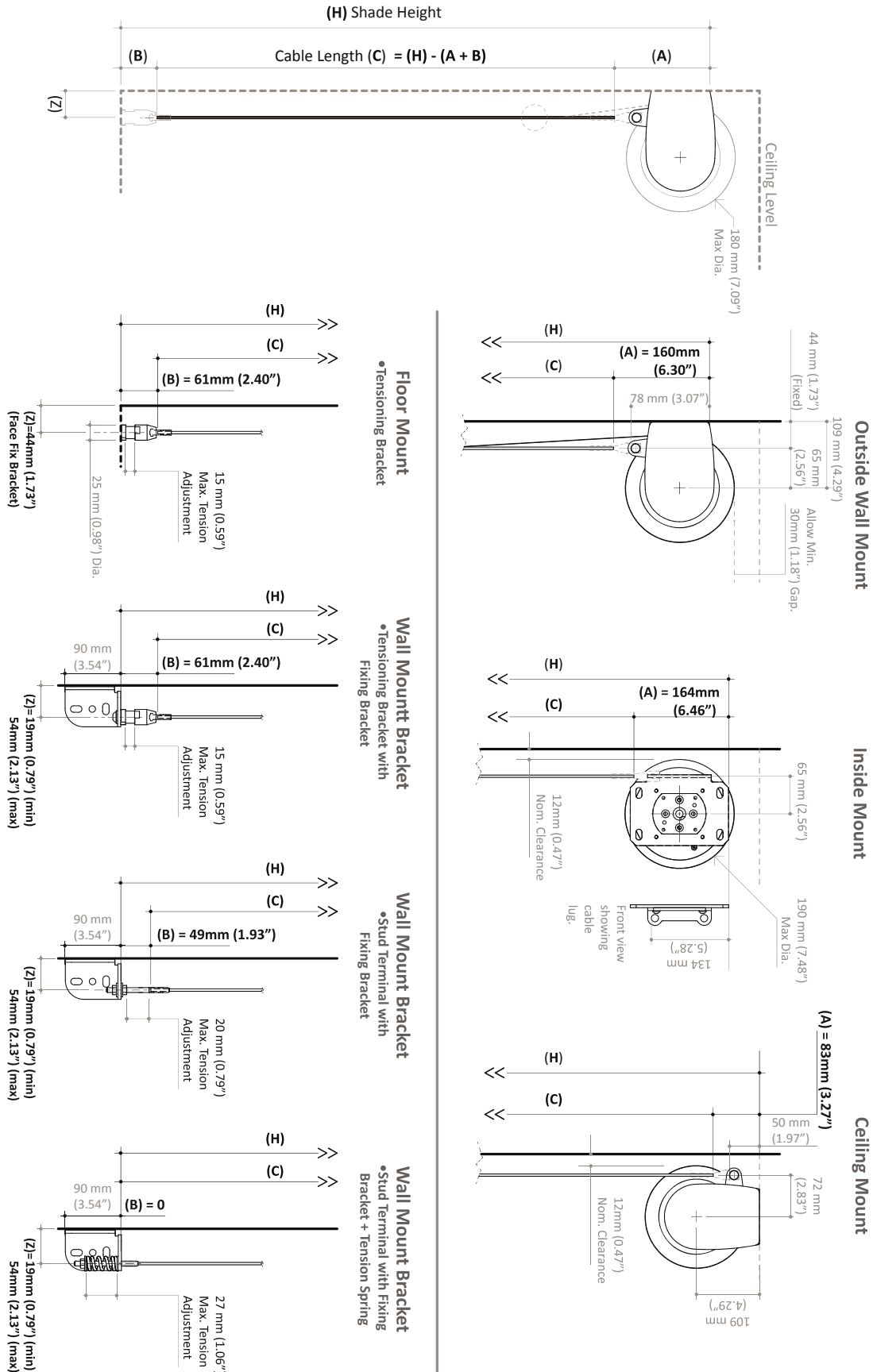


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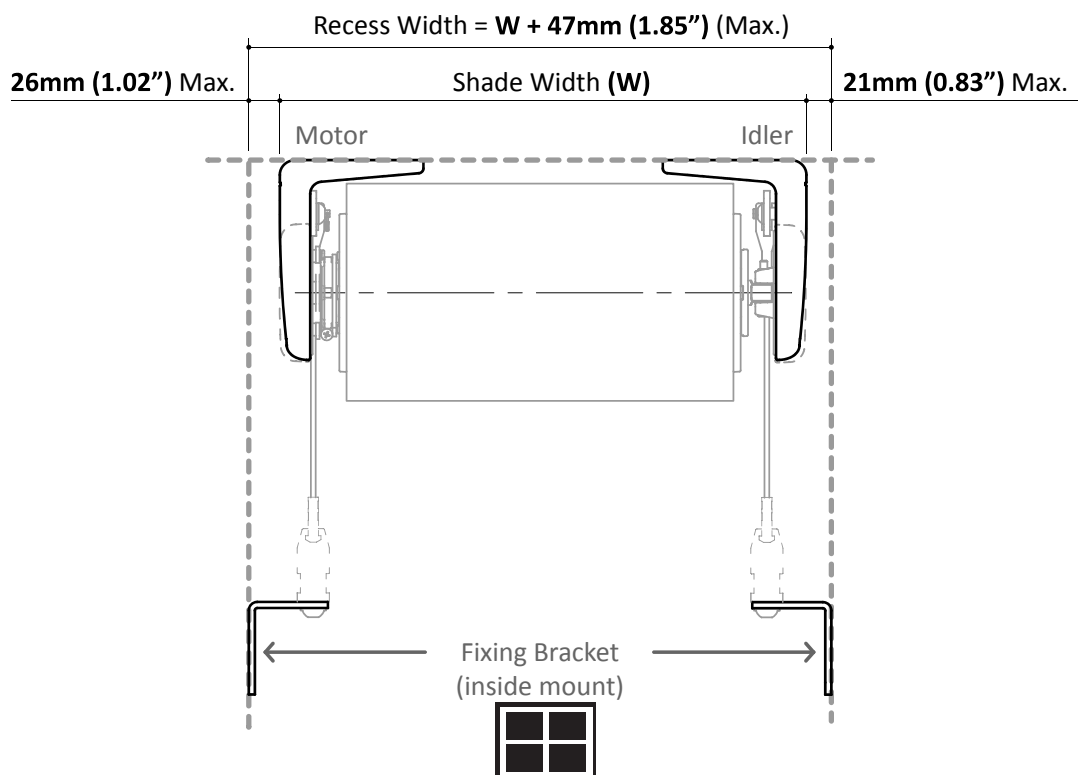
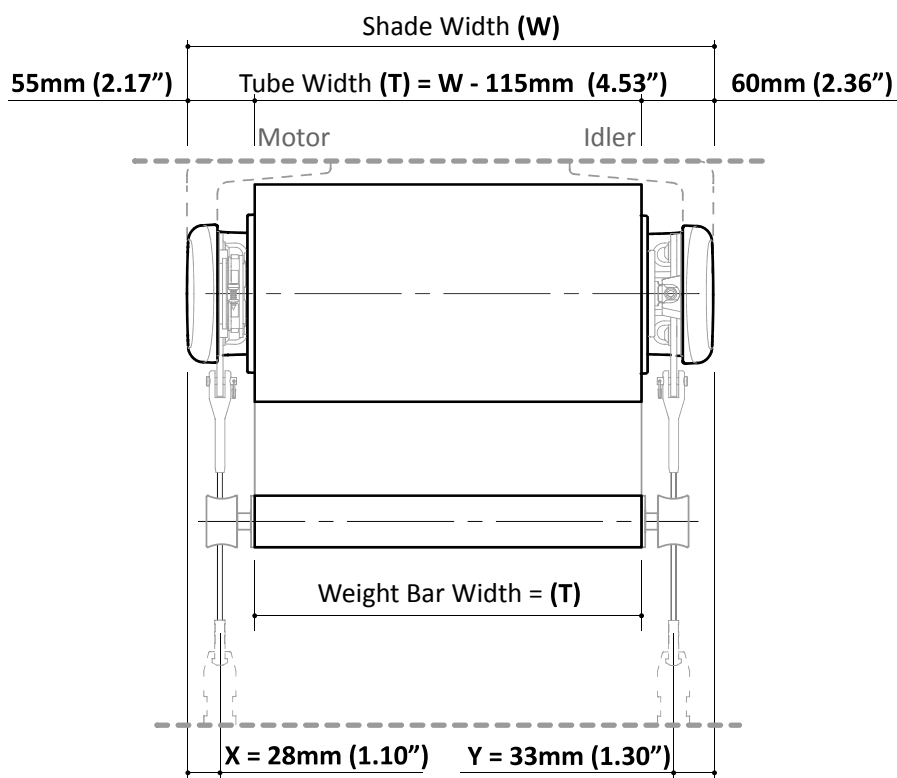
WIRE GUIDE LENGTH - TOP / OUTSIDE / SIDE MOUNT - MOTOR / CRANK

Deductions - Cable Length

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

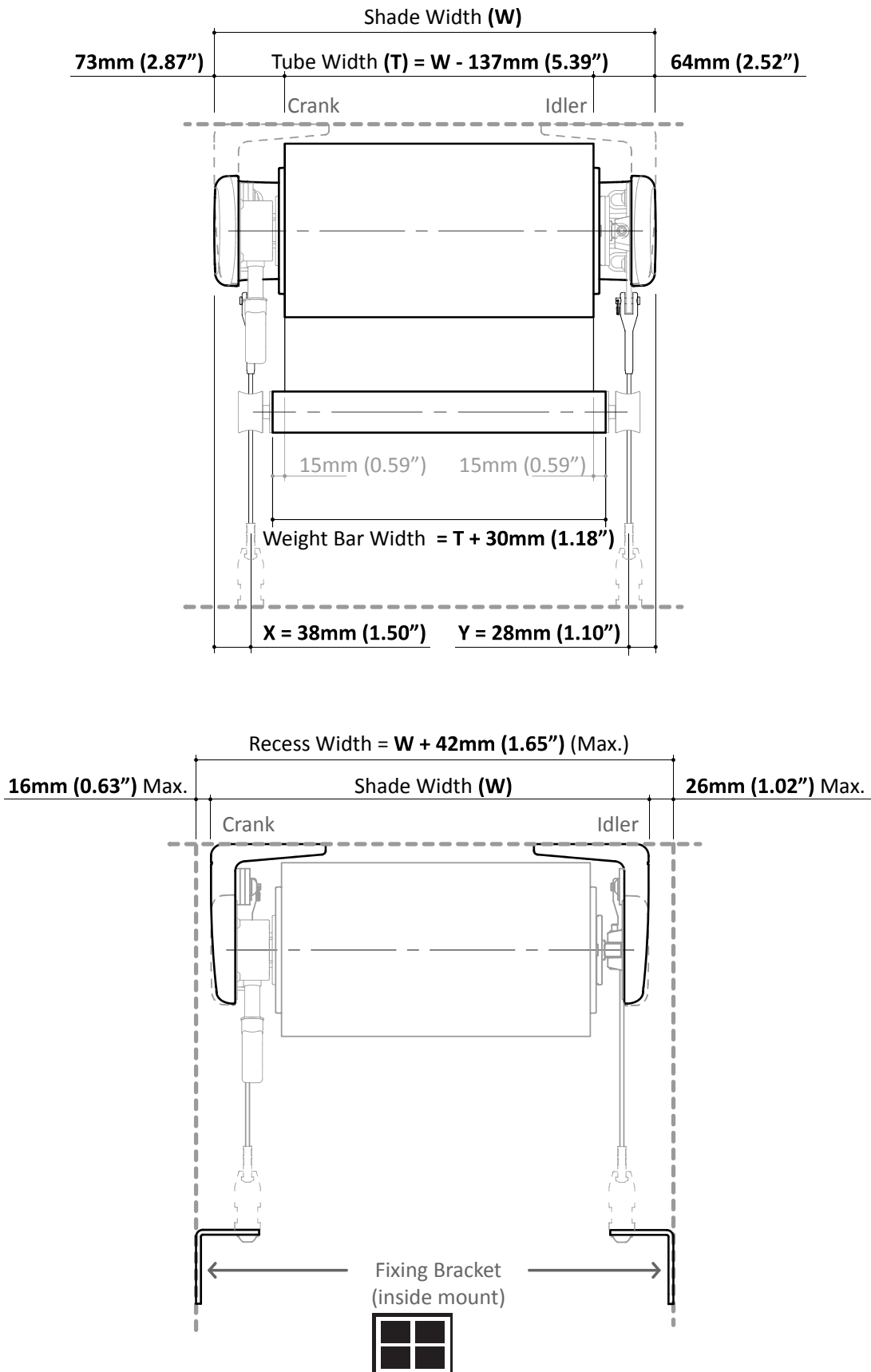


TOP / OUTSIDE BRACKET - MOTOR CONTROL



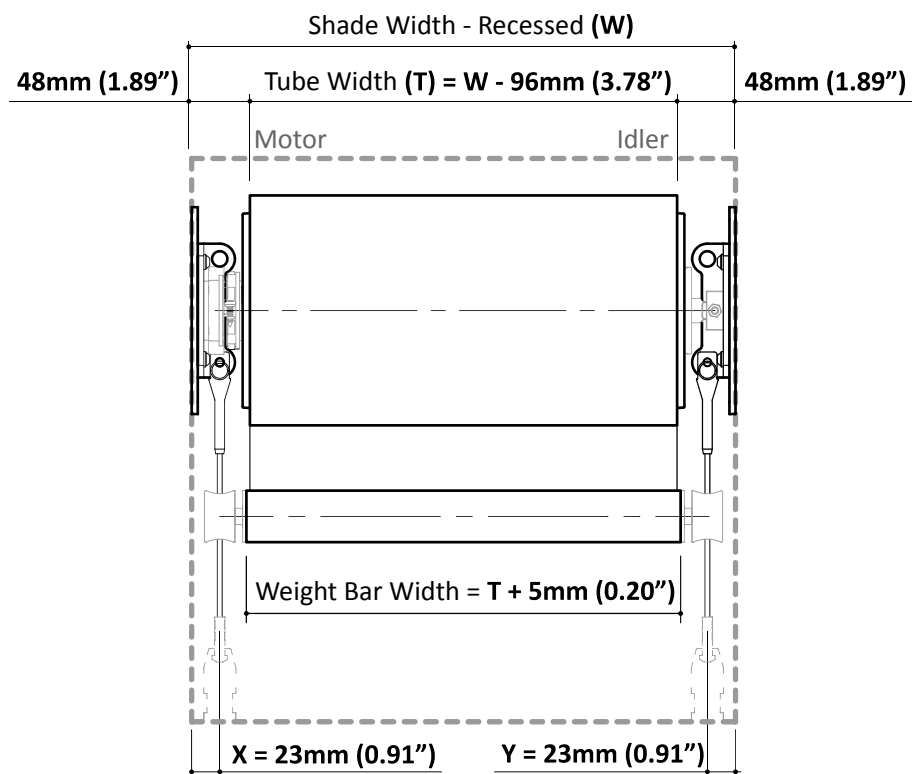
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TOP / OUTSIDE MOUNT BRACKET - CRANK GEAR CONTROL

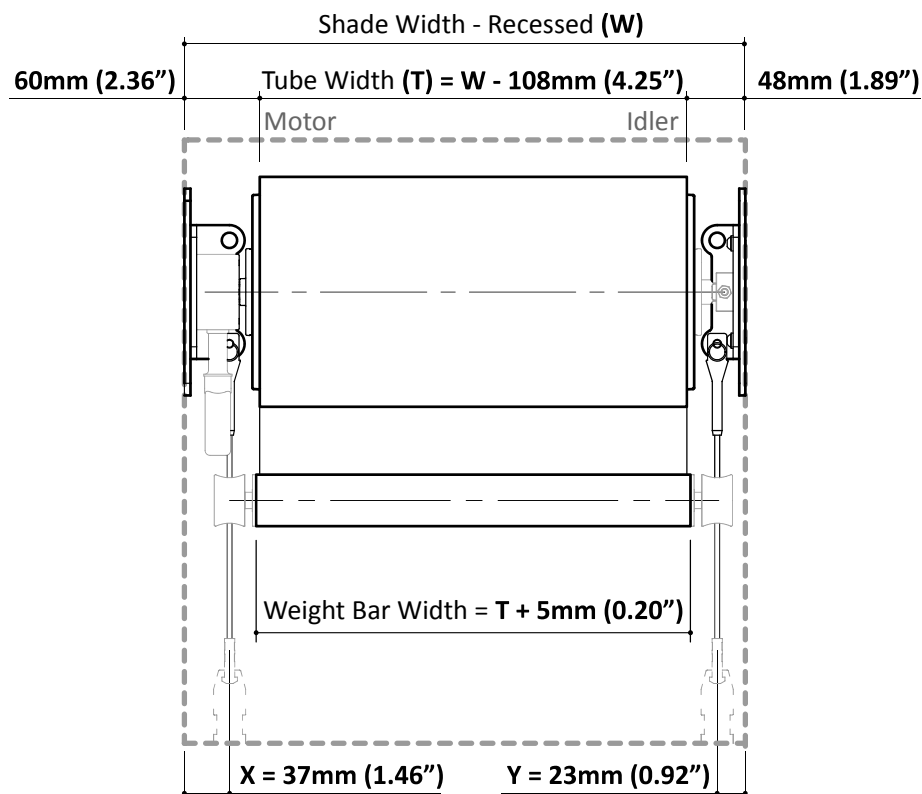


INSIDE MOUNT - MOTOR & CRANK CONTROL

MOTOR CONTROL

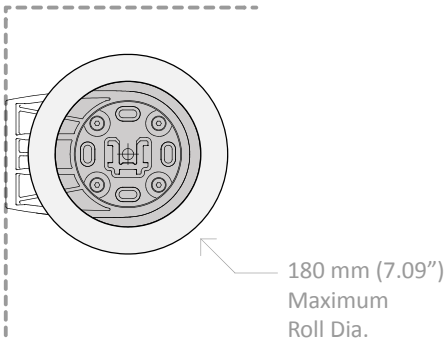


CRANK GEAR CONTROL

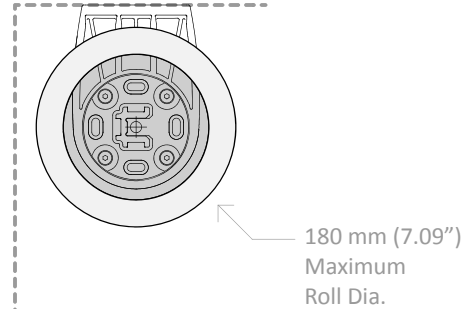


MAXIMUM ROLL DIAMETERS

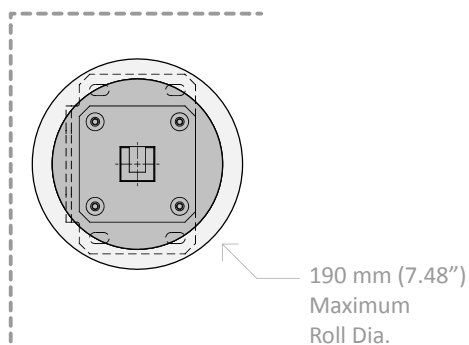
WALL MOUNT BRACKET



CEILING MOUNT BRACKET



INSIDE MOUNT BRACKET



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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.



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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.

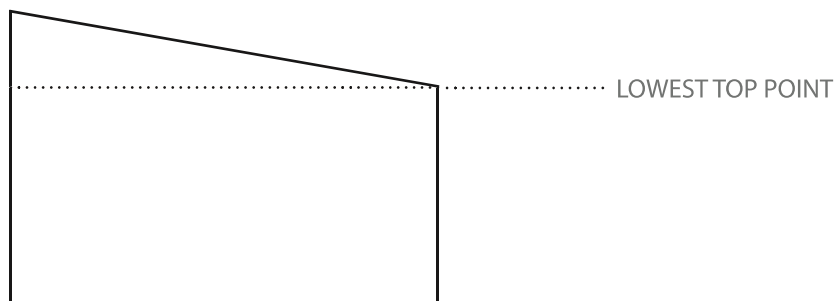


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MEASURING:

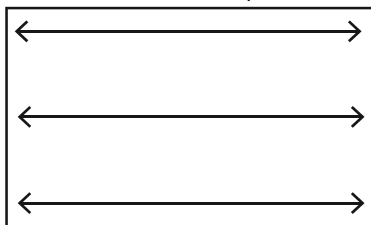
TIP 1: Check Top of Installation Space is level

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)

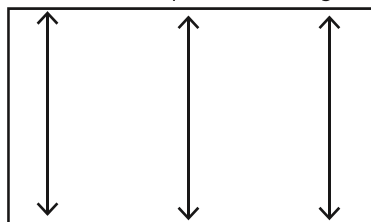


TIP 2: Measure Installation Widths and Drops at two different points.

- 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.

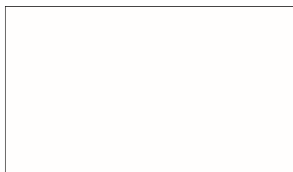
For wire guide and crimping details refer to Product Specifications Section B Part 2 Deductions.



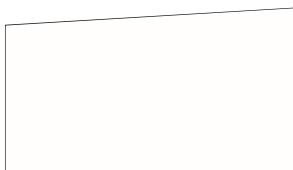
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SHADE WIDTH

For all scenarios



Top & Bottom level



Top uneven & Bottom level



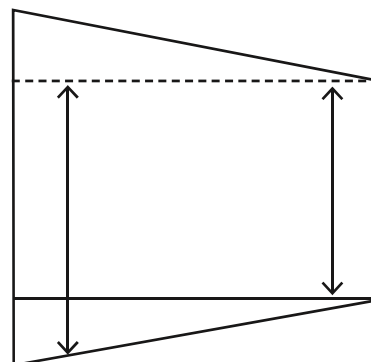
Top level & Bottom uneven^

Top & Bottom uneven^

Shade Drop = Smallest Drop Size

EXAMPLE

Top & Bottom uneven



DROP (ft)

13

10

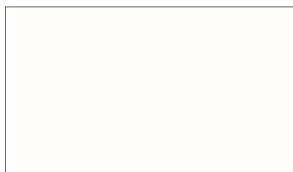
LEFT

RIGHT

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

SHADE WIDTH

For the following scenarios:



Top & Bottom Widths identical, sides are level

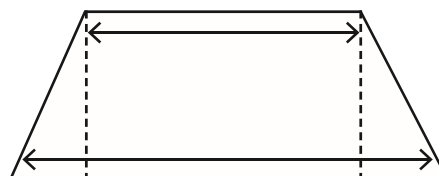


Top Width smaller than Bottom Width, sides are not level

Shade Width = Top Width

EXAMPLE

Top Width smaller than Bottom Width, sides are not level



WIDTH (ft)

10

TW

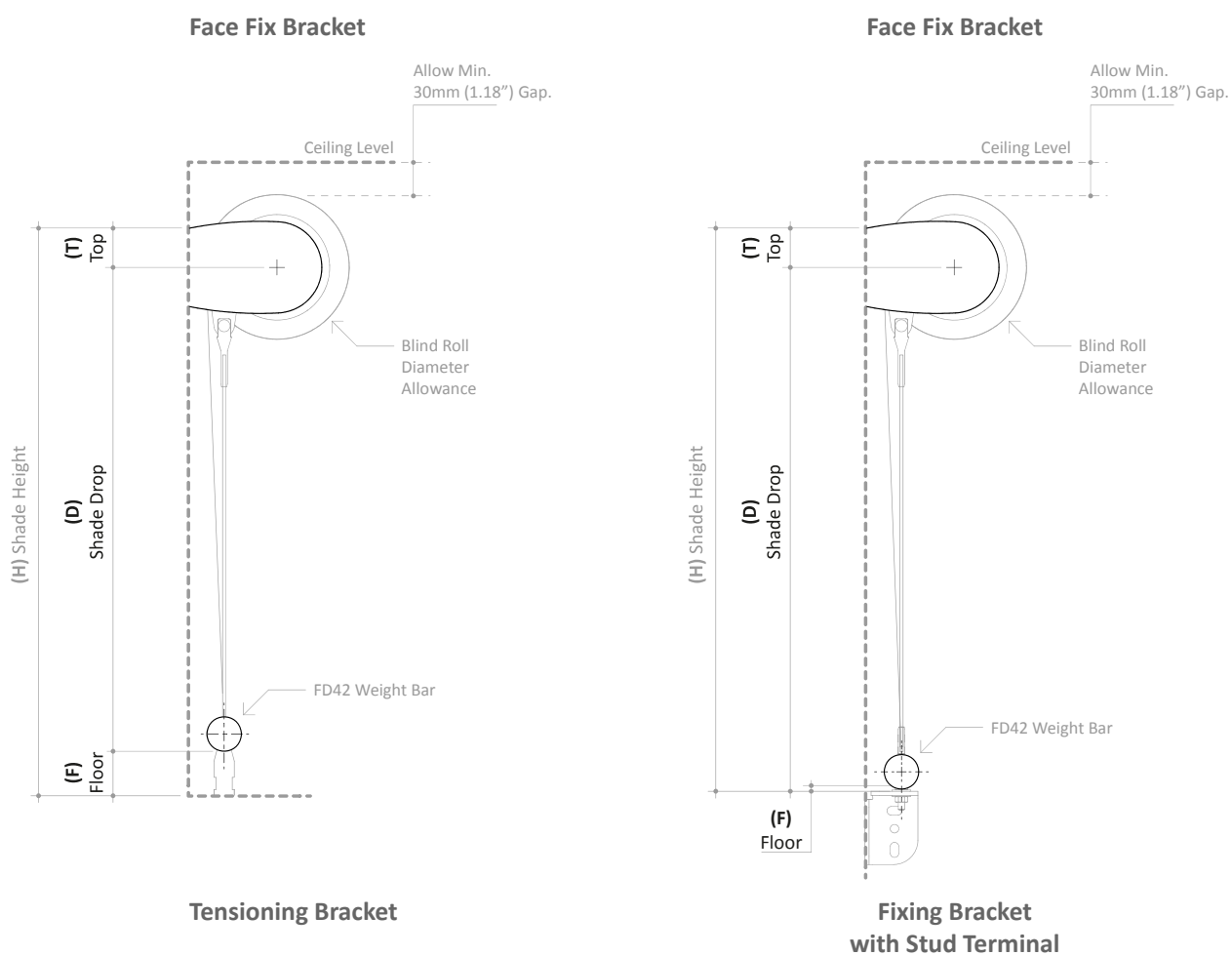
13

BW

Shade Width = Smallest Width
= 10

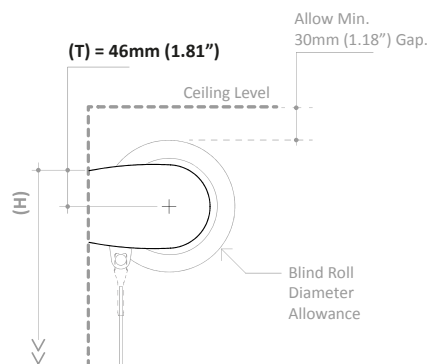
FABRIC LENGTH - To determine the correct fabric

- 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)

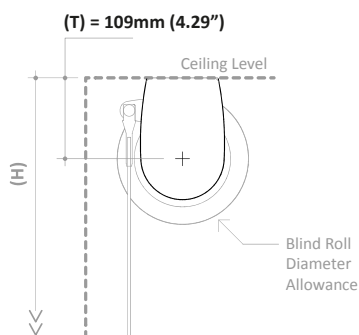


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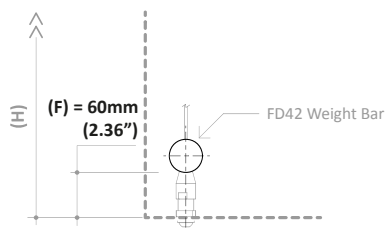
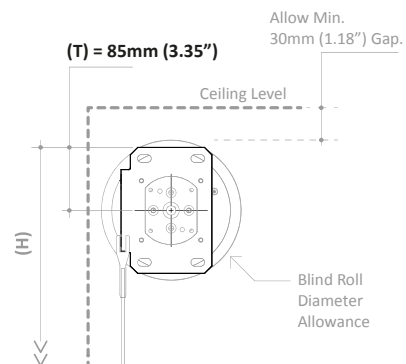
Outside Wall Mount



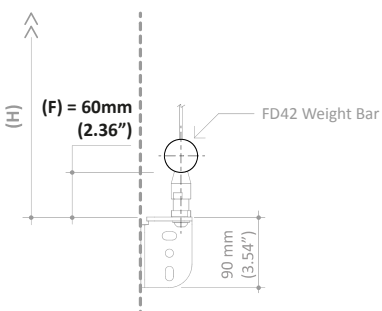
Ceiling Mount



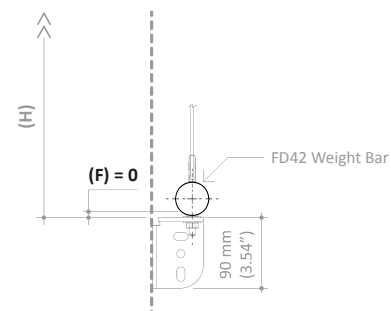
Inside Mount



Tensioning Bracket



Fixing Bracket +
Tensioning Bracket



Fixing Bracket +
Stud Terminal
Options

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.

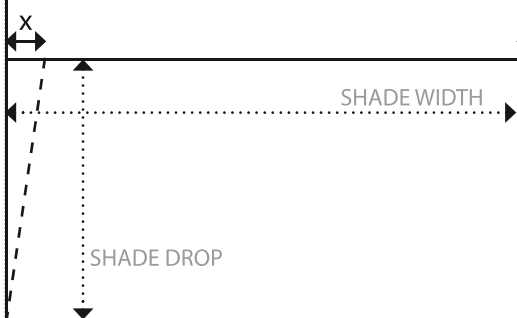
SECTION E: MEASURE & SPECIFY cont...

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)



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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



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* 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.