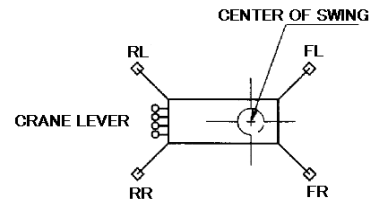


MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 6705 mm
 LIFTING LOAD 120 kg
 STAGE 4
 EXTENDED OUTRIGGERS MIN



θ	FR	FL	RL	RR
0	247	247	798	798
5	184	313	644	950
10	127	377	491	1096
15	77	438	344	1232
20	38	493	206	1354
25	13	538	82	1458
30	2	573	(27)	1543
35	8	595	(117)	1605
40	32	603	(187)	1643
45	74	597	(236)	1656
50	134	576	(262)	1643
55	211	540	(266)	1606
60	304	491	(248)	1544
65	411	430	(211)	1460
70	531	358	(155)	1356
75	660	279	(84)	1235
80	796	195	1	1100
85	934	108	94	954
90	1072	23	194	803
95	1206	(59)	296	648
100	1332	(133)	396	496
105	1448	(198)	492	349
110	1549	(250)	579	212
115	1634	(286)	655	88
120	1699	(305)	717	(21)
125	1743	(305)	763	(111)
130	1765	(285)	791	(181)
135	1763	(244)	801	(229)
140	1737	(183)	792	(255)
145	1688	(102)	764	(259)
150	1617	(3)	719	(242)
155	1525	113	657	(205)
160	1415	243	582	(149)
165	1289	385	495	(78)
170	1150	535	400	6
175	1002	691	300	99
180	847	847	198	198

MAX (kg)	1765	847	801	1656
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(k g)