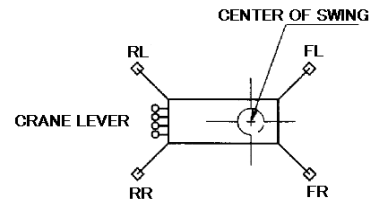


MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 8205 mm
 LIFTING LOAD 40 kg
 STAGE 5
 EXTENDED OUTRIGGERS MIN



θ	FR	FL	RL	RR
0	300	300	695	695
5	254	348	582	806
10	212	395	471	913
15	176	439	364	1012
20	148	479	263	1101
25	129	512	172	1177
30	122	538	93	1239
35	126	554	27	1284
40	144	560	(24)	1312
45	174	555	(60)	1321
50	218	539	(79)	1312
55	274	513	(82)	1285
60	342	477	(69)	1240
65	421	433	(42)	1179
70	508	381	(1)	1103
75	602	323	51	1014
80	701	262	112	915
85	802	199	181	809
90	903	136	253	698
95	1001	76	328	586
100	1093	22	401	475
105	1177	(25)	471	368
110	1252	(62)	534	267
115	1313	(89)	590	177
120	1361	(103)	635	97
125	1393	(102)	669	32
130	1409	(88)	689	(20)
135	1407	(58)	696	(55)
140	1389	(13)	690	(74)
145	1353	46	669	(77)
150	1301	118	636	(64)
155	1234	203	591	(37)
160	1153	298	536	3
165	1061	401	473	55
170	960	511	404	116
175	852	624	331	184
180	739	739	257	257

MAX (kg)	1409	739	696	1321
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(k g)