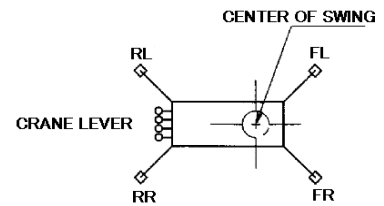


MC-104C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3950 mm
 LIFTING LOAD 95 kg
 STAGE 3
 EXTENDED OUTRIGGERS MIN



θ	FR	FL	RL	RR
0	165	165	463	463
5	148	183	400	526
10	134	201	336	585
15	123	219	275	640
20	116	234	217	690
25	115	247	163	732
30	119	256	116	766
35	130	261	75	790
40	148	261	42	805
45	173	256	18	810
50	204	247	2	804
55	242	232	(6)	788
60	286	213	(5)	762
65	334	190	4	727
70	388	165	20	684
75	444	136	42	634
80	502	107	69	578
85	561	77	100	518
90	619	49	134	454
95	675	22	169	390
100	728	(1)	204	326
105	775	(20)	237	264
110	816	(33)	268	205
115	851	(40)	294	151
120	876	(40)	316	103
125	894	(32)	332	63
130	901	(16)	341	30
135	899	8	344	5
140	887	40	340	(11)
145	865	80	330	(18)
150	834	127	313	(17)
155	794	180	290	(8)
160	747	239	262	8
165	693	302	231	31
170	633	368	197	59
175	569	435	161	91
180	503	503	125	125

MAX (kg)	901	503	463	810
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(k g)