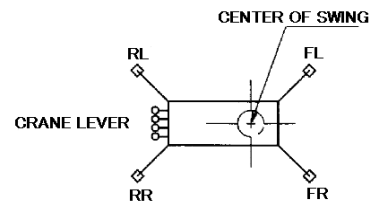


MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3500 mm
 LIFTING LOAD 410 kg
 STAGE 2
 EXTENDED OUTRIGGERS MIN



θ	FR	FL	RL	RR
0	278	278	949	949
5	248	310	812	1084
10	223	343	675	1212
15	206	375	541	1331
20	198	403	415	1438
25	201	425	299	1529
30	216	440	194	1602
35	245	447	105	1656
40	288	444	32	1689
45	345	432	(24)	1701
50	416	409	(62)	1690
55	501	377	(82)	1658
60	597	337	(85)	1604
65	704	288	(70)	1531
70	820	233	(41)	1441
75	942	174	2	1335
80	1068	113	56	1217
85	1194	52	118	1089
90	1318	(6)	186	955
95	1438	(59)	257	818
100	1549	(105)	328	681
105	1650	(141)	397	548
110	1737	(165)	460	422
115	1808	(176)	515	306
120	1862	(171)	560	202
125	1897	(150)	594	113
130	1911	(112)	615	40
135	1904	(56)	622	(16)
140	1876	17	615	(54)
145	1827	106	595	(75)
150	1758	210	562	(77)
155	1671	328	518	(63)
160	1567	457	463	(34)
165	1449	595	401	9
170	1319	739	333	62
175	1180	887	262	124
180	1035	1035	192	192

MAX (kg)	1911	1035	949	1701
----------	------	------	-----	------

(k g)