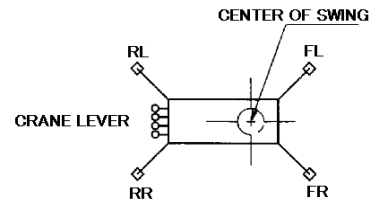


MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3600 mm
 LIFTING LOAD 380 kg
 STAGE 4
 EXTENDED OUTRIGGERS MIN



θ	FR	FL	RL	RR
0	291	291	917	917
5	265	320	790	1041
10	243	350	664	1159
15	229	378	542	1268
20	222	402	425	1366
25	226	422	318	1450
30	241	435	222	1517
35	269	441	139	1567
40	309	438	71	1597
45	363	426	19	1608
50	429	406	(17)	1598
55	507	376	(36)	1568
60	596	339	(39)	1519
65	695	294	(26)	1452
70	802	244	0	1369
75	915	191	39	1272
80	1030	135	87	1163
85	1147	80	144	1045
90	1261	27	206	922
95	1371	(21)	270	796
100	1474	(63)	335	670
105	1566	(95)	397	548
110	1646	(116)	454	432
115	1712	(125)	504	325
120	1761	(120)	546	229
125	1792	(99)	576	146
130	1805	(63)	595	79
135	1799	(11)	602	26
140	1773	56	596	(9)
145	1727	139	578	(28)
150	1664	235	548	(31)
155	1584	344	507	(19)
160	1488	463	457	7
165	1379	591	401	45
170	1259	724	339	93
175	1131	861	275	149
180	997	997	211	211

MAX (kg)	1805	997	917	1608
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(k g)