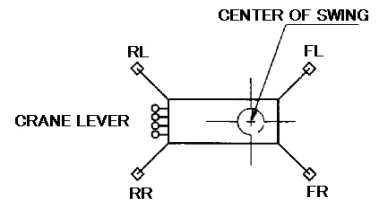


MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 6000 mm
 LIFTING LOAD 140 kg
 STAGE 4
 EXTENDED OUTRIGGERS MIN



θ	FR	FL	RL	RR
0	261	261	797	797
5	208	315	657	935
10	161	369	519	1067
15	121	420	385	1190
20	91	466	260	1300
25	72	504	146	1394
30	67	532	46	1470
35	77	550	(37)	1526
40	103	555	(103)	1561
45	144	548	(149)	1572
50	202	528	(176)	1561
55	275	496	(182)	1527
60	362	452	(170)	1472
65	461	398	(139)	1396
70	571	335	(92)	1302
75	690	265	(32)	1193
80	813	191	41	1071
85	939	116	122	939
90	1064	42	208	802
95	1186	(29)	297	662
100	1300	(93)	384	524
105	1405	(147)	468	390
110	1496	(190)	544	265
115	1572	(219)	611	152
120	1630	(232)	665	52
125	1669	(228)	706	(31)
130	1688	(206)	731	(97)
135	1685	(165)	739	(143)
140	1661	(107)	731	(169)
145	1615	(30)	707	(176)
150	1550	63	667	(164)
155	1466	170	613	(133)
160	1365	291	547	(87)
165	1250	421	471	(26)
170	1123	559	388	46
175	987	702	301	126
180	845	845	212	212

MAX (kg)	1688	845	797	1572
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(k g)