

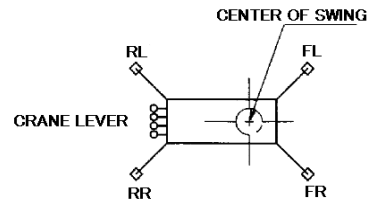
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 6000 mm

LIFTING LOAD 760 kg

STAGE 3

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	480	480	2039	2039
5	447	518	1868	2205
10	422	559	1696	2362
15	408	599	1526	2506
20	408	635	1362	2633
25	424	665	1208	2741
30	457	687	1067	2827
35	510	699	941	2889
40	582	700	832	2924
45	675	688	742	2933
50	787	665	672	2914
55	918	629	623	2868
60	1066	583	592	2797
65	1228	528	581	2702
70	1401	465	588	2584
75	1583	398	609	2448
80	1770	329	645	2295
85	1958	260	690	2130
90	2142	196	743	1957
95	2319	139	801	1779
100	2484	93	861	1600
105	2635	60	919	1425
110	2765	44	973	1257
115	2874	46	1019	1099
120	2958	69	1057	954
125	3014	114	1084	826
130	3041	182	1098	716
135	3039	273	1100	626
140	3006	387	1088	556
145	2944	522	1064	508
150	2854	678	1027	480
155	2737	850	979	472
160	2596	1037	923	482
165	2434	1235	861	509
170	2254	1441	794	549
175	2061	1650	727	601
180	1858	1858	661	661

MAX (kg)	3041	1858	2039	2933
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(kg)