

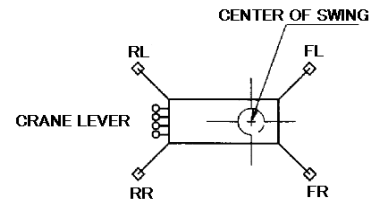
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4000 mm

LIFTING LOAD 1385 kg

STAGE 3

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	689	689	2221	2221
5	692	691	2079	2357
10	703	696	1935	2485
15	723	703	1791	2601
20	754	710	1651	2704
25	798	715	1517	2791
30	854	716	1391	2859
35	925	712	1275	2907
40	1011	703	1171	2935
45	1110	687	1081	2941
50	1224	666	1005	2924
55	1350	639	944	2886
60	1487	607	897	2828
65	1634	572	865	2749
70	1787	534	845	2653
75	1946	495	838	2541
80	2105	457	842	2415
85	2264	422	854	2279
90	2418	394	873	2135
95	2564	372	897	1986
100	2699	361	924	1836
105	2821	361	951	1686
110	2926	376	977	1541
115	3012	405	1000	1403
120	3077	451	1018	1274
125	3120	514	1030	1156
130	3138	594	1036	1051
135	3132	693	1035	960
140	3102	808	1026	885
145	3047	938	1009	825
150	2969	1084	987	780
155	2869	1241	958	751
160	2749	1409	926	736
165	2612	1584	890	733
170	2460	1763	854	743
175	2295	1944	819	761
180	2122	2122	787	787

MAX (kg)	3138	2122	2221	2941
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(kg)