

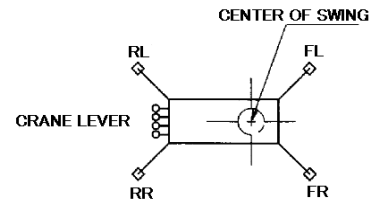
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 6000 mm

LIFTING LOAD 640 kg

STAGE 3

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	471	471	1973	1973
5	433	514	1801	2141
10	403	559	1627	2299
15	385	602	1457	2444
20	380	641	1294	2574
25	392	673	1140	2683
30	422	695	1000	2770
35	472	707	876	2833
40	543	705	770	2869
45	635	691	684	2878
50	747	663	618	2860
55	878	622	573	2815
60	1027	570	548	2743
65	1191	507	543	2647
70	1368	436	556	2529
75	1553	359	584	2391
80	1744	280	626	2238
85	1936	202	678	2072
90	2124	128	739	1898
95	2305	61	803	1719
100	2473	6	869	1540
105	2626	(35)	932	1365
110	2759	(59)	991	1197
115	2869	(64)	1043	1040
120	2953	(46)	1084	897
125	3009	(5)	1114	771
130	3034	60	1130	664
135	3029	150	1133	578
140	2992	264	1121	512
145	2924	401	1095	468
150	2828	559	1056	445
155	2703	736	1006	443
160	2554	928	946	459
165	2384	1133	879	492
170	2195	1347	808	539
175	1993	1564	735	597
180	1781	1781	663	663

MAX (kg)	3034	1781	1973	2878
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(k g)