

# MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 5000 mm

LIFTING LOAD 1040 kg

STAGE 3

EXTENDED OUTRIGGERS MID

$\theta$	FR	FL	RL	RR
0	441	441	2399	2399
5	399	491	2162	2629
10	367	543	1924	2846
15	350	595	1689	3046
20	351	642	1464	3223
25	372	682	1252	3374
30	416	711	1058	3494
35	485	728	886	3581
40	579	731	738	3633
45	699	719	616	3647
50	844	691	522	3623
55	1013	649	456	3563
60	1203	593	417	3467
65	1412	526	405	3338
70	1636	449	417	3179
75	1870	366	451	2993
80	2111	281	503	2786
85	2353	197	569	2561
90	2591	118	647	2324
95	2819	49	730	2081
100	3033	(7)	816	1838
105	3227	(45)	900	1598
110	3397	(63)	978	1369
115	3538	(57)	1046	1153
120	3648	(25)	1101	957
125	3722	35	1141	782
130	3760	124	1164	633
135	3759	242	1169	511
140	3720	389	1155	417
145	3643	563	1123	352
150	3529	762	1074	315
155	3382	982	1010	306
160	3204	1222	933	322
165	2999	1475	847	359
170	2771	1737	756	416
175	2526	2003	663	489
180	2268	2268	572	572

<b>MAX (kg)</b>	<b>3760</b>	<b>2268</b>	<b>2399</b>	<b>3647</b>
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(unit:kgf)