

# MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 6000 mm

LIFTING LOAD 850 kg

STAGE 3

EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	390	390	2332	2332
5	334	452	2096	2561
10	290	517	1859	2777
15	260	580	1626	2977
20	248	639	1402	3154
25	257	689	1193	3304
30	290	727	1001	3424
35	349	752	832	3510
40	434	761	687	3560
45	547	753	569	3574
50	686	729	479	3549
55	849	688	418	3488
60	1036	632	384	3391
65	1242	563	377	3260
70	1465	483	395	3100
75	1700	396	434	2913
80	1942	306	491	2704
85	2186	215	563	2479
90	2427	129	646	2241
95	2659	52	734	1998
100	2877	(12)	824	1754
105	3075	(60)	912	1515
110	3250	(86)	993	1287
115	3396	(89)	1063	1073
120	3510	(66)	1121	878
125	3588	(14)	1162	706
130	3630	67	1185	560
135	3634	178	1189	442
140	3598	318	1174	352
145	3524	486	1140	292
150	3414	680	1088	261
155	3270	896	1020	257
160	3094	1131	939	279
165	2891	1381	848	323
170	2665	1640	751	387
175	2422	1904	652	465
180	2166	2166	555	555

<b>MAX (kg)</b>	<b>3634</b>	<b>2166</b>	<b>2332</b>	<b>3574</b>
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(unit:kgf)