

# MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 9000 mm

LIFTING LOAD 470 kg

STAGE 4

EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	294	294	2190	2190
5	200	394	1924	2449
10	118	495	1659	2696
15	53	593	1400	2923
20	8	682	1153	3125
25	(13)	758	924	3298
30	(5)	818	719	3435
35	34	859	540	3535
40	104	878	392	3594
45	207	874	277	3610
50	342	848	195	3583
55	508	798	147	3514
60	703	728	133	3404
65	922	639	151	3256
70	1162	534	197	3074
75	1419	418	269	2862
80	1686	295	361	2626
85	1957	169	470	2372
90	2226	47	591	2105
95	2487	(68)	716	1832
100	2734	(168)	843	1560
105	2959	(250)	964	1295
110	3158	(309)	1075	1043
115	3326	(341)	1172	811
120	3458	(342)	1251	602
125	3550	(311)	1307	421
130	3600	(244)	1340	272
135	3607	(143)	1348	156
140	3570	(6)	1330	75
145	3489	164	1286	28
150	3367	365	1219	17
155	3206	593	1131	37
160	3011	846	1024	88
165	2784	1116	904	164
170	2533	1399	773	262
175	2262	1689	639	378
180	1979	1979	505	505

<b>MAX (kg)</b>	<b>3607</b>	<b>1979</b>	<b>2190</b>	<b>3610</b>
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(unit:kgf)