

# MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 5000 mm

LIFTING LOAD 830 kg

STAGE 4

EXTENDED OUTRIGGERS MIN

$\theta$	FR	FL	RL	RR
0	497	497	2212	2212
5	463	536	2002	2416
10	439	577	1791	2610
15	428	618	1584	2788
20	432	656	1384	2946
25	453	687	1197	3081
30	494	709	1026	3189
35	557	720	875	3267
40	641	719	745	3314
45	747	705	638	3327
50	875	678	557	3308
55	1023	638	500	3256
60	1190	586	468	3173
65	1373	525	460	3060
70	1568	456	473	2920
75	1772	382	506	2757
80	1982	306	555	2575
85	2192	232	617	2377
90	2398	162	689	2169
95	2595	101	766	1956
100	2780	52	845	1741
105	2947	19	922	1531
110	3092	3	993	1329
115	3213	9	1056	1140
120	3306	38	1107	967
125	3367	91	1145	815
130	3397	170	1167	684
135	3393	275	1173	578
140	3356	404	1161	496
145	3285	558	1134	440
150	3183	734	1091	410
155	3051	928	1035	403
160	2893	1139	967	418
165	2710	1363	891	453
170	2509	1594	810	505
175	2291	1829	727	571
180	2063	2063	646	646

<b>MAX (kg)</b>	<b>3397</b>	<b>2063</b>	<b>2212</b>	<b>3327</b>
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(unit:kgf)