

# MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 7820 mm

LIFTING LOAD 600 kg

STAGE 3

EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	269	269	2296	2296
5	172	372	2013	2573
10	88	477	1730	2835
15	22	578	1453	3077
20	(23)	670	1189	3293
25	(41)	750	945	3476
30	(29)	812	724	3623
35	15	854	533	3729
40	93	873	373	3791
45	205	869	248	3808
50	352	840	159	3780
55	531	788	106	3706
60	740	713	88	3589
65	976	620	104	3431
70	1233	510	150	3237
75	1508	388	223	3012
80	1793	259	319	2760
85	2082	128	432	2488
90	2370	(0)	557	2203
95	2648	(119)	689	1912
100	2911	(223)	820	1622
105	3151	(307)	947	1339
110	3363	(367)	1064	1070
115	3542	(398)	1165	821
120	3682	(396)	1247	597
125	3780	(359)	1307	403
130	3833	(286)	1341	242
135	3840	(175)	1349	116
140	3800	(27)	1330	28
145	3714	157	1284	(24)
150	3583	373	1213	(39)
155	3412	618	1120	(20)
160	3203	889	1008	31
165	2961	1178	882	109
170	2693	1481	745	211
175	2404	1791	604	331
180	2101	2101	464	464

<b>MAX (kg)</b>	<b>3840</b>	<b>2101</b>	<b>2296</b>	<b>3808</b>
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(unit:kgf)