

# MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 9000 mm

LIFTING LOAD 310 kg

STAGE 5

EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	434	434	1949	1949
5	379	495	1763	2131
10	332	556	1577	2303
15	297	616	1394	2461
20	276	671	1220	2602
25	272	718	1057	2721
30	287	754	910	2817
35	323	778	781	2886
40	381	789	672	2926
45	461	784	585	2937
50	562	765	522	2918
55	685	732	481	2870
60	826	685	463	2793
65	984	626	467	2690
70	1156	558	491	2563
75	1338	483	532	2415
80	1527	403	588	2250
85	1718	323	655	2071
90	1908	246	730	1884
95	2091	175	809	1693
100	2263	114	890	1501
105	2420	66	967	1314
110	2559	34	1039	1136
115	2675	21	1101	971
120	2767	29	1151	821
125	2830	60	1187	690
130	2864	115	1208	580
135	2868	194	1213	493
140	2841	297	1200	430
145	2784	422	1171	390
150	2698	569	1127	374
155	2584	734	1069	381
160	2446	914	1000	407
165	2287	1107	921	452
170	2110	1309	837	512
175	1919	1514	750	584
180	1719	1719	665	665

<b>MAX (kg)</b>	<b>2868</b>	<b>1719</b>	<b>1949</b>	<b>2937</b>
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(unit:kgf)