

# MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 9000 mm  
LIFTING LOAD 380 kg  
STAGE 4  
EXTENDED OUTRIGGERS MID

$\theta$	FR	FL	RL	RR
0	317	317	2111	2111
5	225	415	1849	2366
10	145	514	1587	2610
15	80	608	1333	2834
20	35	695	1091	3035
25	14	768	868	3206
30	20	825	667	3343
35	56	864	494	3442
40	122	880	351	3501
45	221	875	241	3519
50	351	846	165	3493
55	511	795	123	3426
60	698	723	114	3319
65	910	633	137	3175
70	1143	528	188	2997
75	1390	411	264	2789
80	1648	288	362	2558
85	1911	162	475	2308
90	2171	38	600	2046
95	2423	(76)	729	1779
100	2661	(178)	859	1513
105	2879	(262)	984	1254
110	3071	(323)	1098	1009
115	3232	(357)	1198	782
120	3358	(361)	1279	580
125	3445	(333)	1338	405
130	3492	(270)	1373	261
135	3496	(173)	1382	151
140	3458	(42)	1365	75
145	3377	123	1322	34
150	3256	318	1255	27
155	3097	540	1167	52
160	2904	785	1060	106
165	2682	1049	939	186
170	2435	1326	807	287
175	2170	1609	671	406
180	1892	1892	535	535

<b>MAX (kg)</b>	<b>3496</b>	<b>1892</b>	<b>2111</b>	<b>3519</b>
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(unit:kgf)