

MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 11000 mm

LIFTING LOAD 230 kg

STAGE 5

EXTENDED OUTRIGGERS MID

θ	FR	FL	RL	RR
0	325	325	2009	2009
5	228	428	1755	2257
10	142	531	1502	2493
15	70	629	1257	2711
20	19	719	1024	2906
25	(10)	796	809	3073
30	(12)	856	618	3206
35	16	896	453	3303
40	74	915	319	3360
45	163	911	216	3377
50	283	883	148	3353
55	434	833	113	3288
60	611	762	110	3184
65	813	672	139	3044
70	1035	566	195	2871
75	1273	449	276	2670
80	1521	323	378	2445
85	1774	195	495	2203
90	2026	70	622	1950
95	2270	(49)	755	1691
100	2501	(154)	887	1434
105	2713	(243)	1013	1185
110	2899	(309)	1129	948
115	3056	(350)	1230	731
120	3179	(361)	1312	537
125	3265	(340)	1372	371
130	3311	(286)	1407	236
135	3316	(198)	1417	133
140	3280	(77)	1400	65
145	3202	77	1358	31
150	3086	262	1291	30
155	2932	473	1202	60
160	2746	707	1094	120
165	2532	960	972	204
170	2294	1225	839	310
175	2038	1497	701	431
180	1770	1770	563	563

MAX (kg)	3316	1770	2009	3377
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(unit:kgf)