

MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 13000 mm
LIFTING LOAD 300 kg
STAGE 5
EXTENDED OUTRIGGERS MID

θ	FR	FL	RL	RR
0	619	619	2817	2817
5	523	722	2512	3115
10	440	827	2208	3397
15	376	928	1910	3658
20	335	1021	1627	3889
25	321	1101	1365	4086
30	338	1163	1129	4243
35	388	1204	925	4355
40	474	1222	755	4421
45	595	1217	623	4437
50	752	1186	531	4403
55	942	1131	478	4321
60	1164	1054	463	4191
65	1412	958	485	4018
70	1684	844	540	3805
75	1972	719	623	3557
80	2271	587	732	3282
85	2575	453	858	2986
90	2876	323	998	2675
95	3167	203	1144	2359
100	3442	98	1290	2043
105	3693	14	1429	1736
110	3914	(44)	1557	1445
115	4100	(72)	1668	1176
120	4246	(66)	1757	935
125	4348	(24)	1821	727
130	4402	57	1857	555
135	4409	177	1864	423
140	4366	336	1840	331
145	4275	531	1786	280
150	4138	760	1705	269
155	3957	1020	1600	296
160	3737	1305	1472	357
165	3484	1610	1329	450
170	3202	1929	1174	567
175	2898	2255	1015	705
180	2580	2580	856	856

MAX (kg)	4409	2580	2817	4437
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(unit:kgf)