

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 3280 mm  
LIFTING LOAD 3000 kg  
STAGE 2  
EXTENDED OUTRIGGERS MID

$\theta$	FR	FL	RL	RR
0	1434	1434	3689	3689
5	1470	1407	3479	3891
10	1517	1388	3263	4079
15	1578	1373	3047	4249
20	1654	1361	2833	4399
25	1746	1350	2627	4524
30	1856	1338	2431	4622
35	1984	1323	2249	4690
40	2131	1306	2082	4728
45	2295	1285	1934	4733
50	2475	1261	1804	4706
55	2671	1233	1695	4647
60	2880	1204	1606	4558
65	3099	1172	1536	4439
70	3326	1142	1486	4294
75	3556	1114	1452	4125
80	3786	1091	1434	3936
85	4013	1074	1429	3731
90	4231	1068	1434	3513
95	4438	1073	1448	3288
100	4628	1093	1467	3059
105	4799	1129	1488	2831
110	4946	1184	1509	2608
115	5067	1259	1527	2393
120	5159	1356	1542	2191
125	5219	1474	1550	2004
130	5247	1615	1551	1834
135	5241	1777	1544	1685
140	5202	1959	1529	1556
145	5129	2161	1507	1450
150	5025	2380	1477	1365
155	4890	2612	1442	1302
160	4727	2856	1403	1260
165	4540	3107	1363	1237
170	4331	3362	1324	1230
175	4105	3616	1288	1238
180	3865	3865	1258	1258

<b>MAX (kg)</b>	<b>5247</b>	<b>3865</b>	<b>3689</b>	<b>4733</b>
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(unit:kgf)