

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 4000 mm  
LIFTING LOAD 2200 kg  
STAGE 4  
EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	1333	1333	3290	3290
5	1357	1317	3123	3451
10	1390	1306	2951	3600
15	1434	1300	2778	3735
20	1490	1295	2608	3854
25	1559	1292	2443	3953
30	1642	1288	2286	4031
35	1740	1283	2139	4085
40	1852	1275	2005	4114
45	1978	1265	1885	4118
50	2118	1253	1780	4097
55	2270	1237	1691	4049
60	2432	1220	1617	3978
65	2603	1202	1559	3883
70	2780	1184	1516	3767
75	2960	1168	1487	3633
80	3141	1155	1469	3482
85	3319	1147	1462	3319
90	3491	1147	1464	3145
95	3655	1155	1472	2966
100	3806	1174	1484	2783
105	3942	1206	1499	2600
110	4061	1251	1513	2422
115	4160	1311	1526	2250
120	4236	1388	1536	2088
125	4288	1480	1541	1937
130	4316	1589	1541	1801
135	4317	1715	1535	1680
140	4293	1855	1523	1576
145	4243	2010	1506	1489
150	4168	2177	1483	1419
155	4069	2355	1456	1366
160	3950	2541	1427	1330
165	3811	2732	1396	1309
170	3655	2925	1367	1301
175	3485	3117	1340	1305
180	3305	3305	1319	1319

<b>MAX (kg)</b>	<b>4317</b>	<b>3305</b>	<b>3290</b>	<b>4118</b>
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(unit:kgf)