

MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 2600 mm
LIFTING LOAD 3800 kg
STAGE 2
EXTENDED OUTRIGGERS MAX

θ	FR	FL	RL	RR
0	1865	1865	3758	3758
5	1916	1823	3605	3903
10	1976	1788	3447	4037
15	2045	1758	3286	4158
20	2126	1733	3125	4263
25	2218	1712	2967	4350
30	2321	1693	2814	4418
35	2437	1677	2668	4464
40	2564	1663	2531	4489
45	2702	1650	2405	4491
50	2850	1638	2289	4470
55	3007	1628	2186	4426
60	3171	1620	2096	4361
65	3340	1615	2017	4275
70	3513	1613	1952	4170
75	3686	1616	1897	4048
80	3858	1625	1854	3911
85	4025	1641	1820	3761
90	4186	1665	1794	3602
95	4337	1699	1775	3436
100	4476	1743	1762	3266
105	4600	1800	1752	3095
110	4707	1869	1745	2926
115	4796	1951	1740	2760
120	4863	2048	1735	2601
125	4909	2158	1729	2451
130	4932	2282	1722	2312
135	4931	2419	1713	2184
140	4907	2568	1703	2070
145	4860	2728	1691	1969
150	4790	2897	1678	1882
155	4699	3074	1665	1810
160	4587	3256	1652	1752
165	4458	3441	1642	1706
170	4313	3626	1635	1673
175	4155	3808	1633	1651
180	3985	3985	1638	1638

MAX (kg)	4932	3985	3758	4491
-----------------	-------------	-------------	-------------	-------------

(unit:kgf)