

MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 15000 mm
LIFTING LOAD 160 kg
STAGE 5
EXTENDED OUTRIGGERS MIN

θ	FR	FL	RL	RR
0	514	514	2834	2834
5	366	670	2455	3205
10	234	826	2078	3559
15	124	975	1712	3885
20	43	1110	1367	4177
25	(2)	1224	1050	4425
30	(7)	1312	768	4624
35	32	1369	529	4767
40	118	1393	335	4851
45	251	1382	192	4873
50	431	1334	100	4833
55	656	1252	59	4731
60	923	1137	68	4570
65	1226	992	124	4355
70	1561	824	223	4090
75	1919	637	359	3782
80	2293	438	525	3440
85	2674	235	715	3072
90	3053	36	920	2688
95	3421	(152)	1131	2297
100	3767	(320)	1341	1909
105	4084	(462)	1541	1534
110	4364	(570)	1723	1180
115	4597	(637)	1881	856
120	4779	(660)	2009	569
125	4905	(634)	2101	325
130	4970	(556)	2154	130
135	4972	(426)	2166	(15)
140	4911	(243)	2136	(106)
145	4787	(10)	2065	(145)
150	4604	269	1955	(132)
155	4366	590	1811	(70)
160	4078	948	1636	36
165	3746	1333	1438	180
170	3379	1739	1223	356
175	2986	2156	999	557
180	2575	2575	774	774

MAX (kg)	4972	2575	2834	4873
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(unit:kgf)