

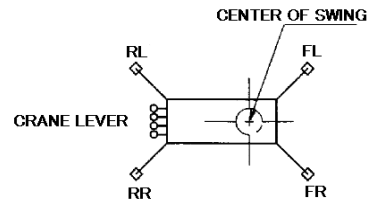
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 12160 mm

LIFTING LOAD 180 kg

STAGE 5

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	329	329	1827	1827
5	224	439	1600	2050
10	130	548	1373	2262
15	49	651	1154	2459
20	(12)	745	946	2634
25	(49)	824	755	2783
30	(60)	885	586	2903
35	(42)	925	441	2989
40	7	942	324	3041
45	87	934	237	3055
50	199	902	180	3032
55	341	845	155	2972
60	512	766	159	2877
65	707	667	191	2749
70	922	551	248	2591
75	1154	422	328	2408
80	1397	285	427	2205
85	1645	144	539	1985
90	1892	5	660	1756
95	2132	(127)	786	1523
100	2358	(246)	910	1291
105	2565	(348)	1029	1066
110	2748	(427)	1138	855
115	2901	(480)	1232	661
120	3020	(503)	1308	488
125	3101	(494)	1364	342
130	3143	(450)	1396	224
135	3144	(371)	1404	136
140	3103	(257)	1387	80
145	3022	(110)	1346	55
150	2901	69	1282	61
155	2744	276	1198	96
160	2554	507	1095	157
165	2336	757	979	241
170	2095	1022	852	344
175	1837	1294	721	462
180	1568	1568	589	589

MAX (kg)	3144	1568	1827	3055
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(kg)