

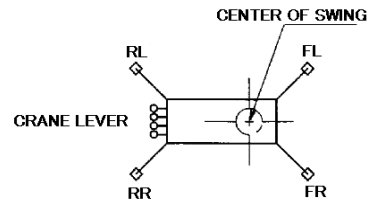
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 7820 mm

LIFTING LOAD 580 kg

STAGE 3

EXTENDED OUTRIGGERS **MAX** (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	389	389	2021	2021
5	331	452	1825	2212
10	283	517	1628	2393
15	247	580	1435	2559
20	227	637	1250	2707
25	225	686	1078	2832
30	245	724	921	2932
35	287	748	783	3003
40	353	758	665	3045
45	443	752	571	3055
50	557	729	501	3034
55	693	691	455	2982
60	850	639	432	2900
65	1025	574	432	2790
70	1215	499	453	2654
75	1416	416	492	2497
80	1624	329	546	2322
85	1835	242	612	2133
90	2043	157	687	1934
95	2244	80	766	1731
100	2433	14	847	1527
105	2605	(37)	924	1328
110	2757	(70)	996	1138
115	2884	(83)	1058	961
120	2983	(72)	1108	801
125	3052	(36)	1144	661
130	3088	26	1164	542
135	3091	115	1168	448
140	3059	230	1154	378
145	2995	370	1123	333
150	2898	534	1076	313
155	2772	717	1016	316
160	2619	918	944	341
165	2442	1132	863	384
170	2245	1356	776	444
175	2033	1584	687	517
180	1811	1811	599	599

MAX (kg)	3091	1811	2021	3055
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(kg)