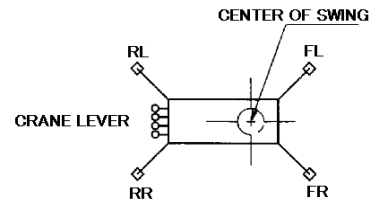


MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5000 mm
 LIFTING LOAD 210 kg
 STAGE 3
 EXTENDED OUTRIGGERS MIN



θ	FR	FL	RL	RR
0	255	255	847	847
5	207	305	703	987
10	165	355	561	1122
15	130	402	424	1247
20	105	444	295	1359
25	91	479	177	1455
30	92	505	74	1533
35	107	520	(14)	1590
40	138	524	(83)	1625
45	184	515	(133)	1637
50	247	494	(163)	1626
55	325	461	(174)	1591
60	417	416	(165)	1535
65	521	362	(138)	1458
70	636	300	(94)	1362
75	759	231	(37)	1250
80	886	159	33	1126
85	1016	85	111	992
90	1144	13	195	851
95	1268	(55)	281	709
100	1385	(116)	367	567
105	1491	(167)	449	430
110	1584	(206)	524	301
115	1661	(231)	589	184
120	1720	(239)	643	80
125	1759	(231)	682	(7)
130	1777	(204)	707	(76)
135	1773	(158)	715	(126)
140	1747	(94)	707	(157)
145	1699	(12)	684	(167)
150	1631	86	644	(158)
155	1544	199	591	(131)
160	1439	326	527	(88)
165	1320	462	452	(31)
170	1189	605	371	38
175	1048	753	286	116
180	902	902	200	200

MAX (kg)	1777	902	847	1637
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(k g)