

MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 2500 mm

LIFTING LOAD 2950 kg

STAGE 2

EXTENDED OUTRIGGERS MIN

| θ | FR | FL | RL | RR |
|----------|------|------|------|------|
| 0 | 918 | 918 | 3116 | 3116 |
| 5 | 945 | 900 | 2882 | 3341 |
| 10 | 983 | 888 | 2643 | 3553 |
| 15 | 1036 | 880 | 2405 | 3747 |
| 20 | 1105 | 873 | 2172 | 3917 |
| 25 | 1191 | 865 | 1949 | 4062 |
| 30 | 1298 | 854 | 1739 | 4177 |
| 35 | 1424 | 838 | 1545 | 4260 |
| 40 | 1571 | 817 | 1371 | 4309 |
| 45 | 1738 | 789 | 1218 | 4323 |
| 50 | 1924 | 755 | 1088 | 4301 |
| 55 | 2127 | 715 | 982 | 4244 |
| 60 | 2345 | 670 | 899 | 4154 |
| 65 | 2576 | 622 | 839 | 4031 |
| 70 | 2816 | 573 | 801 | 3879 |
| 75 | 3060 | 524 | 783 | 3701 |
| 80 | 3305 | 480 | 782 | 3501 |
| 85 | 3547 | 442 | 796 | 3283 |
| 90 | 3781 | 414 | 821 | 3051 |
| 95 | 4001 | 399 | 856 | 2811 |
| 100 | 4205 | 400 | 895 | 2568 |
| 105 | 4387 | 419 | 936 | 2326 |
| 110 | 4543 | 459 | 976 | 2089 |
| 115 | 4670 | 522 | 1013 | 1863 |
| 120 | 4765 | 610 | 1043 | 1650 |
| 125 | 4826 | 723 | 1064 | 1455 |
| 130 | 4850 | 862 | 1077 | 1279 |
| 135 | 4838 | 1026 | 1078 | 1126 |
| 140 | 4788 | 1214 | 1069 | 997 |
| 145 | 4702 | 1426 | 1049 | 891 |
| 150 | 4581 | 1658 | 1019 | 810 |
| 155 | 4427 | 1907 | 981 | 753 |
| 160 | 4242 | 2170 | 938 | 718 |
| 165 | 4031 | 2444 | 890 | 703 |
| 170 | 3797 | 2722 | 842 | 707 |
| 175 | 3544 | 3002 | 797 | 726 |
| 180 | 3277 | 3277 | 757 | 757 |

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MAX (kg) | 4850 | 3277 | 3116 | 4323 |
|-----------------|-------------|-------------|-------------|-------------|

(unit:kgf)