

MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 8000 mm

LIFTING LOAD 350 kg

STAGE 5

EXTENDED OUTRIGGERS MAX

| θ | FR | FL | RL | RR |
|----------|------|------|------|------|
| 0 | 483 | 483 | 1926 | 1926 |
| 5 | 441 | 529 | 1761 | 2087 |
| 10 | 407 | 576 | 1595 | 2239 |
| 15 | 384 | 623 | 1433 | 2379 |
| 20 | 373 | 666 | 1276 | 2503 |
| 25 | 377 | 702 | 1130 | 2608 |
| 30 | 398 | 730 | 997 | 2692 |
| 35 | 437 | 749 | 879 | 2753 |
| 40 | 494 | 756 | 779 | 2788 |
| 45 | 571 | 751 | 698 | 2798 |
| 50 | 667 | 734 | 637 | 2781 |
| 55 | 780 | 705 | 595 | 2738 |
| 60 | 909 | 665 | 574 | 2670 |
| 65 | 1053 | 616 | 571 | 2578 |
| 70 | 1208 | 559 | 585 | 2466 |
| 75 | 1372 | 496 | 615 | 2335 |
| 80 | 1541 | 431 | 657 | 2189 |
| 85 | 1711 | 366 | 710 | 2031 |
| 90 | 1880 | 304 | 770 | 1865 |
| 95 | 2042 | 247 | 834 | 1694 |
| 100 | 2195 | 200 | 899 | 1524 |
| 105 | 2334 | 165 | 962 | 1357 |
| 110 | 2456 | 144 | 1021 | 1197 |
| 115 | 2559 | 139 | 1071 | 1048 |
| 120 | 2639 | 154 | 1113 | 913 |
| 125 | 2694 | 188 | 1142 | 793 |
| 130 | 2724 | 243 | 1159 | 692 |
| 135 | 2726 | 318 | 1162 | 611 |
| 140 | 2702 | 415 | 1151 | 550 |
| 145 | 2650 | 531 | 1127 | 509 |
| 150 | 2573 | 665 | 1090 | 489 |
| 155 | 2472 | 815 | 1042 | 489 |
| 160 | 2349 | 979 | 984 | 506 |
| 165 | 2207 | 1153 | 919 | 539 |
| 170 | 2050 | 1333 | 849 | 586 |
| 175 | 1880 | 1518 | 778 | 643 |
| 180 | 1701 | 1701 | 708 | 708 |

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MAX (kg) | 2726 | 1701 | 1926 | 2798 |
|-----------------|-------------|-------------|-------------|-------------|

(unit:kgf)