

MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 5000 mm

LIFTING LOAD 620 kg

STAGE 5

EXTENDED OUTRIGGERS MIN

| θ | FR | FL | RL | RR |
|----------|------|------|------|------|
| 0 | 579 | 579 | 1999 | 1999 |
| 5 | 561 | 602 | 1841 | 2152 |
| 10 | 550 | 627 | 1683 | 2296 |
| 15 | 548 | 652 | 1526 | 2429 |
| 20 | 558 | 675 | 1375 | 2547 |
| 25 | 580 | 693 | 1234 | 2648 |
| 30 | 618 | 706 | 1103 | 2728 |
| 35 | 671 | 711 | 987 | 2786 |
| 40 | 739 | 708 | 886 | 2821 |
| 45 | 824 | 697 | 803 | 2831 |
| 50 | 925 | 676 | 738 | 2817 |
| 55 | 1040 | 646 | 691 | 2778 |
| 60 | 1169 | 609 | 662 | 2716 |
| 65 | 1308 | 565 | 650 | 2631 |
| 70 | 1457 | 517 | 655 | 2527 |
| 75 | 1612 | 465 | 673 | 2405 |
| 80 | 1770 | 412 | 704 | 2269 |
| 85 | 1929 | 361 | 745 | 2121 |
| 90 | 2084 | 314 | 793 | 1965 |
| 95 | 2232 | 274 | 845 | 1804 |
| 100 | 2370 | 243 | 899 | 1643 |
| 105 | 2495 | 224 | 952 | 1484 |
| 110 | 2604 | 219 | 1001 | 1332 |
| 115 | 2693 | 229 | 1045 | 1188 |
| 120 | 2762 | 256 | 1081 | 1057 |
| 125 | 2807 | 302 | 1107 | 940 |
| 130 | 2829 | 367 | 1122 | 838 |
| 135 | 2825 | 450 | 1126 | 755 |
| 140 | 2796 | 552 | 1118 | 690 |
| 145 | 2742 | 672 | 1098 | 643 |
| 150 | 2665 | 807 | 1068 | 615 |
| 155 | 2565 | 957 | 1028 | 605 |
| 160 | 2445 | 1118 | 981 | 611 |
| 165 | 2308 | 1288 | 928 | 632 |
| 170 | 2155 | 1464 | 871 | 665 |
| 175 | 1991 | 1642 | 814 | 708 |
| 180 | 1819 | 1819 | 759 | 759 |

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MAX (kg) | 2829 | 1819 | 1999 | 2831 |
|-----------------|-------------|-------------|-------------|-------------|

(unit:kgf)