

MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 10000 mm
LIFTING LOAD 800 kg
STAGE 4
EXTENDED OUTRIGGERS MAX

| θ | FR | FL | RL | RR |
|----------|------|------|------|------|
| 0 | 607 | 607 | 3142 | 3142 |
| 5 | 526 | 697 | 2819 | 3455 |
| 10 | 459 | 791 | 2496 | 3752 |
| 15 | 411 | 883 | 2178 | 4025 |
| 20 | 388 | 968 | 1874 | 4267 |
| 25 | 393 | 1042 | 1590 | 4472 |
| 30 | 430 | 1101 | 1332 | 4635 |
| 35 | 500 | 1141 | 1105 | 4751 |
| 40 | 606 | 1160 | 913 | 4818 |
| 45 | 748 | 1158 | 758 | 4833 |
| 50 | 925 | 1133 | 643 | 4796 |
| 55 | 1135 | 1086 | 567 | 4708 |
| 60 | 1376 | 1019 | 531 | 4571 |
| 65 | 1644 | 934 | 531 | 4388 |
| 70 | 1934 | 834 | 566 | 4163 |
| 75 | 2240 | 725 | 630 | 3902 |
| 80 | 2557 | 609 | 720 | 3611 |
| 85 | 2877 | 494 | 830 | 3297 |
| 90 | 3193 | 383 | 953 | 2968 |
| 95 | 3499 | 284 | 1084 | 2631 |
| 100 | 3787 | 200 | 1216 | 2294 |
| 105 | 4050 | 138 | 1344 | 1965 |
| 110 | 4283 | 102 | 1461 | 1651 |
| 115 | 4479 | 96 | 1563 | 1359 |
| 120 | 4633 | 124 | 1645 | 1095 |
| 125 | 4743 | 189 | 1703 | 863 |
| 130 | 4804 | 291 | 1734 | 668 |
| 135 | 4815 | 432 | 1738 | 512 |
| 140 | 4776 | 610 | 1713 | 398 |
| 145 | 4688 | 824 | 1660 | 325 |
| 150 | 4551 | 1071 | 1581 | 294 |
| 155 | 4371 | 1347 | 1479 | 300 |
| 160 | 4149 | 1648 | 1357 | 343 |
| 165 | 3892 | 1967 | 1221 | 418 |
| 170 | 3605 | 2298 | 1075 | 519 |
| 175 | 3296 | 2634 | 926 | 641 |
| 180 | 2970 | 2970 | 779 | 779 |

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MAX (kg) | 4815 | 2970 | 3142 | 4833 |
|-----------------|-------------|-------------|-------------|-------------|

(unit:kgf)