

MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 7000 mm

LIFTING LOAD 1350 kg

STAGE 2

EXTENDED OUTRIGGERS MAX

| θ | FR | FL | RL | RR |
|----------|------|------|------|------|
| 0 | 721 | 721 | 3371 | 3371 |
| 5 | 672 | 780 | 3065 | 3667 |
| 10 | 637 | 844 | 2757 | 3947 |
| 15 | 620 | 909 | 2453 | 4203 |
| 20 | 627 | 969 | 2159 | 4429 |
| 25 | 659 | 1022 | 1882 | 4621 |
| 30 | 721 | 1064 | 1628 | 4772 |
| 35 | 813 | 1091 | 1401 | 4880 |
| 40 | 937 | 1102 | 1204 | 4941 |
| 45 | 1094 | 1096 | 1041 | 4954 |
| 50 | 1281 | 1072 | 913 | 4918 |
| 55 | 1499 | 1032 | 821 | 4834 |
| 60 | 1743 | 975 | 763 | 4704 |
| 65 | 2010 | 906 | 739 | 4530 |
| 70 | 2296 | 825 | 747 | 4317 |
| 75 | 2595 | 738 | 781 | 4070 |
| 80 | 2902 | 649 | 840 | 3794 |
| 85 | 3210 | 561 | 917 | 3497 |
| 90 | 3513 | 480 | 1008 | 3183 |
| 95 | 3805 | 410 | 1107 | 2862 |
| 100 | 4079 | 357 | 1209 | 2539 |
| 105 | 4329 | 325 | 1308 | 2223 |
| 110 | 4548 | 318 | 1400 | 1918 |
| 115 | 4733 | 339 | 1480 | 1633 |
| 120 | 4878 | 391 | 1544 | 1372 |
| 125 | 4980 | 477 | 1589 | 1140 |
| 130 | 5036 | 597 | 1612 | 940 |
| 135 | 5045 | 752 | 1612 | 776 |
| 140 | 5006 | 941 | 1588 | 649 |
| 145 | 4920 | 1163 | 1542 | 559 |
| 150 | 4789 | 1413 | 1475 | 507 |
| 155 | 4616 | 1689 | 1389 | 490 |
| 160 | 4404 | 1986 | 1288 | 506 |
| 165 | 4158 | 2299 | 1176 | 552 |
| 170 | 3883 | 2622 | 1057 | 622 |
| 175 | 3586 | 2949 | 936 | 714 |
| 180 | 3272 | 3272 | 820 | 820 |

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MAX (kg) | 5045 | 3272 | 3371 | 4954 |
|-----------------|-------------|-------------|-------------|-------------|

(unit:kgf)