



CIRCUIT DATA

Length: 5,245 m
Number of laps: 23
Type of circuit: Medium
Number of brakings: 6
Time spent under braking per lap: 19%

AUTODROMO INTERNAZIONALE DEL MUGELLO (SCARPERIA)

It is not a particularly demanding circuit for the braking system with the exception of the first cut out after the finish line which is very difficult because of the extremely high speed which the motorcycles reach thanks to the preceding straight stretch, the longest of the world championship. Here the motorcycles in little more than 6 seconds go from over 350 km/h to a speed of approximately 120 km/h.

The other brakes are not particularly demanding and allow the braking systems to cool.

01

| | | |
|----------------------|-----|--------|
| Initial speed | 361 | (Km/h) |
| Final speed | 123 | (Km/h) |
| Stopping distance | 323 | (m) |
| Braking time | 6.1 | (sec) |
| Maximum deceleration | 1.6 | (g) |
| Max force on lever | 5.7 | (Kg) |

06

| | | |
|----------------------|-----|--------|
| Initial speed | 245 | (Km/h) |
| Final speed | 164 | (Km/h) |
| Stopping distance | 167 | (m) |
| Braking time | 4.0 | (sec) |
| Maximum deceleration | 1.3 | (g) |
| Max force on lever | 4.4 | (Kg) |

12

| | | |
|----------------------|-----|--------|
| Initial speed | 255 | (Km/h) |
| Final speed | 131 | (Km/h) |
| Stopping distance | 184 | (m) |
| Braking time | 4.0 | (sec) |
| Maximum deceleration | 1.3 | (g) |
| Max force on lever | 4.4 | (Kg) |

04

| | | |
|----------------------|-----|--------|
| Initial speed | 252 | (Km/h) |
| Final speed | 143 | (Km/h) |
| Stopping distance | 174 | (m) |
| Braking time | 3.9 | (sec) |
| Maximum deceleration | 1.5 | (g) |
| Max force on lever | 5.0 | (Kg) |

10

| | | |
|----------------------|-----|--------|
| Initial speed | 234 | (Km/h) |
| Final speed | 118 | (Km/h) |
| Stopping distance | 161 | (m) |
| Braking time | 3.8 | (sec) |
| Maximum deceleration | 1.2 | (g) |
| Max force on lever | 4.4 | (Kg) |

15

| | | |
|----------------------|-----|--------|
| Initial speed | 280 | (Km/h) |
| Final speed | 136 | (Km/h) |
| Stopping distance | 275 | (m) |
| Braking time | 5.7 | (sec) |
| Maximum deceleration | 1.3 | (g) |
| Max force on lever | 5.2 | (Kg) |