

## Circuits Identity Card

### FRANCE | LE MANS

### 19 MAY 2013

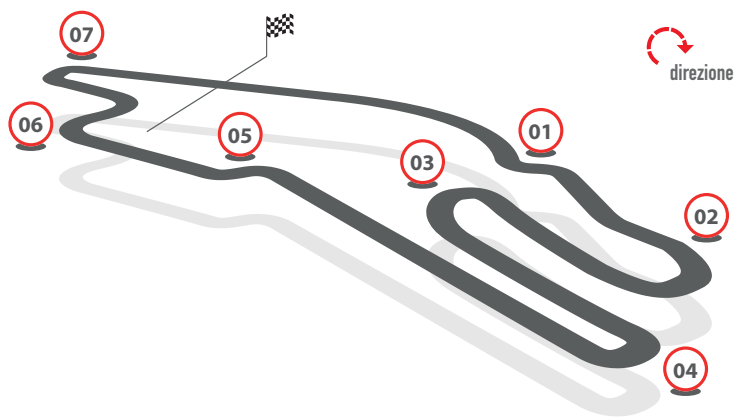


## International Circuit

- A circuit with average demanding braking, where due to the sudden changes in weather, steel discs often have to be used in case of rain. If the track is wet, steel discs are often used instead of carbon discs. Carbon, in fact, besides requiring minimum operating temperatures which are hard to achieve in case of rain, is also characterized by a rather marked braking action which is not very suited to slippery conditions typical of a wet track. Besides, steel discs, with their greater weight compared to carbon ones, contribute to providing greater stability to the front suspension of the motorcycle when there are poor gripping conditions such as on a wet track.

## Circuit Data

- Length: 4,180 m
- Number of laps: 28
- Type of circuit: Medium
- Number of brakings: 7
- Time spent under braking per lap: 25%



### 01

Initial speed	304	(Km/h)
Final speed	135	(Km/h)
Stopping distance	221	(m)
Braking time	4.5	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	6	(Kg)

### 02

Initial speed	212	(Km/h)
Final speed	116	(Km/h)
Stopping distance	139	(m)
Braking time	3	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	5.3	(Kg)

### 03

Initial speed	223	(Km/h)
Final speed	95	(Km/h)
Stopping distance	177	(m)
Braking time	4.6	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	5.4	(Kg)

### 04

Initial speed	255	(Km/h)
Final speed	79	(Km/h)
Stopping distance	211	(m)
Braking time	5.4	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	6.8	(Kg)

### 05

Initial speed	285	(Km/h)
Final speed	106	(Km/h)
Stopping distance	229	(m)
Braking time	4.2	(sec)
Maximum deceleration	1.5	(g)
Max force on lever	5.4	(Kg)

### 06

Initial speed	226	(Km/h)
Final speed	148	(Km/h)
Stopping distance	123	(m)
Braking time	2.7	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	4.8	(Kg)

### 07

Initial speed	185	(Km/h)
Final speed	88	(Km/h)
Stopping distance	97	(m)
Braking time	2.5	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	5	(Kg)