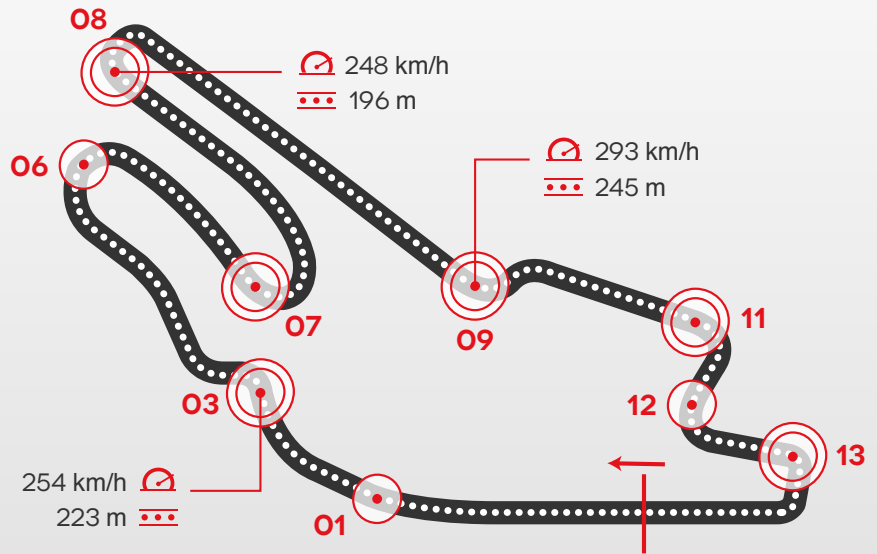
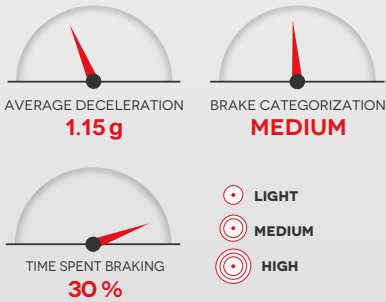


MOTO GP | BRAKE CIRCUIT IDENTITY CARDS

2016 MONSTER ENERGY
GRAND PRIX DE FRANCE

06-08 MAY 2016

LE MANS



CIRCUIT DATA

Length: 4,180 m
Number of laps: 28
Number of brakings: 9

COMMENT

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.

*** Turn 03 is considered the most demanding for the braking system.**

01

Initial speed	315	(Km/h)
Final speed	260	(Km/h)
Stopping distance	94	(m)
Braking time	1.1	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	3.6	(Kg)

06

Initial speed	203	(Km/h)
Final speed	101	(Km/h)
Stopping distance	155	(m)
Braking time	3.6	(sec)
Maximum deceleration	1.0	(g)
Max force on lever	4.0	(Kg)

08

Initial speed	248	(Km/h)
Final speed	81	(Km/h)
Stopping distance	196	(m)
Braking time	4.4	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.7	(Kg)

11

Initial speed	225	(Km/h)
Final speed	101	(Km/h)
Stopping distance	143	(m)
Braking time	3.2	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.7	(Kg)

13

Initial speed	166	(Km/h)
Final speed	84	(Km/h)
Stopping distance	86	(m)
Braking time	2.4	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	4.7	(Kg)

03

Initial speed	254	(Km/h)
Final speed	89	(Km/h)
Stopping distance	223	(m)
Braking time	4.7	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	5.6	(Kg)

07

Initial speed	219	(Km/h)
Final speed	88	(Km/h)
Stopping distance	156	(m)
Braking time	3.8	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	5.4	(Kg)

09

Initial speed	293	(Km/h)
Final speed	108	(Km/h)
Stopping distance	245	(m)
Braking time	4.5	(sec)
Maximum deceleration	1.5	(g)
Max force on lever	6.2	(Kg)

12

Initial speed	128	(Km/h)
Final speed	101	(Km/h)
Stopping distance	43	(m)
Braking time	1.3	(sec)
Maximum deceleration	0.6	(g)
Max force on lever	2.5	(Kg)