

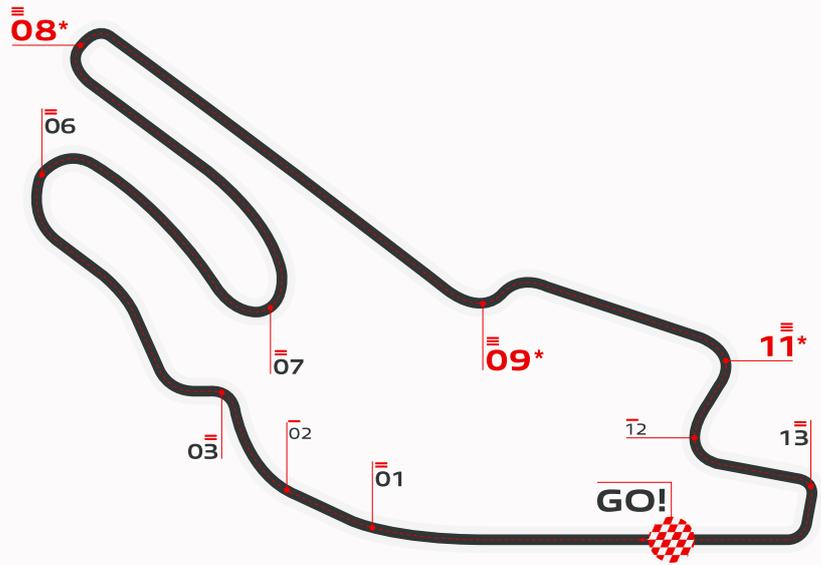
BRAKE CIRCUIT IDENTITY CARD

05 LE MANS

4,190 m / 27 laps

One month after the 24 Ore Le Mans, the Bugatti Circuit will host the MotoGP: the lap times are 5 seconds faster than the Endurance World Championship times but the race covers a distance of just over 110 km (68.3 miles).

To avoid the risk that the brake discs do not reach the ideal temperature, many riders may use brake discs with a low braking band, still in carbon, which are preferred if it rains.



* Turn 09, Turn 08 & Turn 11 are considered the most demanding for the braking system.

Should you publish any of the data contained here please quote Brembo as source used.

TURN 01

Initial Speed km/h	307
Final Speed km/h	253
Stopping Distance m	88
Braking Time sec	1.1
Maximum Deceleration g	1.4
Max Force on Lever kg	2.3
Brake Pressure bar	4.9

TURN 02

Initial Speed km/h	248
Final Speed km/h	212
Stopping Distance m	87
Braking Time sec	1.3
Maximum Deceleration g	1.1
Max Force on Lever kg	1.4
Brake Pressure bar	2.9

TURN 03

Initial Speed km/h	198
Final Speed km/h	87
Stopping Distance m	129
Braking Time sec	3.3
Maximum Deceleration g	1.1
Max Force on Lever kg	5.2
Brake Pressure bar	11.2

TURN 06

Initial Speed km/h	204
Final Speed km/h	100
Stopping Distance m	167
Braking Time sec	4.1
Maximum Deceleration g	1.0
Max Force on Lever kg	3.6
Brake Pressure bar	7.8

TURN 07

Initial Speed km/h	219
Final Speed km/h	86
Stopping Distance m	176
Braking Time sec	4.3
Maximum Deceleration g	1.1
Max Force on Lever kg	4.2
Brake Pressure bar	9.1

TURN 08*

Initial Speed km/h	254
Final Speed km/h	71
Stopping Distance m	203
Braking Time sec	5.1
Maximum Deceleration g	1.5
Max Force on Lever kg	5.7
Brake Pressure bar	12.3

TURN 09*

Initial Speed km/h	305
Final Speed km/h	102
Stopping Distance m	236
Braking Time sec	4.5
Maximum Deceleration g	1.5
Max Force on Lever kg	6.3
Brake Pressure bar	13.4

TURN 11*

Initial Speed km/h	228
Final Speed km/h	99
Stopping Distance m	141
Braking Time sec	3.3
Maximum Deceleration g	1.5
Max Force on Lever kg	5.5
Brake Pressure bar	11.8

TURN 12

Initial Speed km/h	128
Final Speed km/h	103
Stopping Distance m	44
Braking Time sec	1.3
Maximum Deceleration g	0.6
Max Force on Lever kg	1.2
Brake Pressure bar	2.5

TURN 13

Initial Speed km/h	167
Final Speed km/h	81
Stopping Distance m	92
Braking Time sec	2.7
Maximum Deceleration g	1.1
Max Force on Lever kg	4.8
Brake Pressure bar	10.3