

# BRAKE CIRCUIT IDENTITY CARD

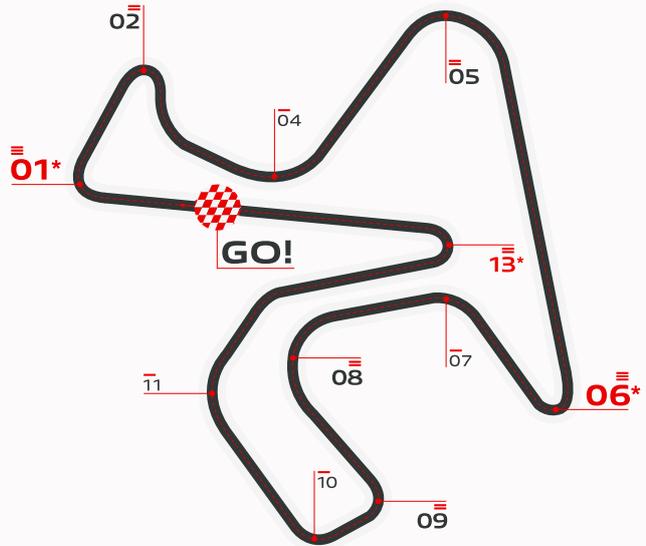
## 04 CIRCUITO DE JEREZ ANGEL NIETO

4,420 m / 25 laps

After USA, MotoGP returns to Europe to stay there until June.

The 4,423 meters (2.75 miles) of the track alternate between slow, fast and very fast corners. The 13 turns (8 right-handers and 5 left-handers) provide numerous places for passing.

The significant changes in slope demand a bike that handles well and that is well balanced, in addition to being stable in braking.



\* Turn 01, Turn 06 & Turn 13 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	292
Final Speed km/h	85
Stopping Distance m	205
Braking Time sec	4.3
Maximum Deceleration g	1.5
Max Force on Lever kg	6.4
Brake Pressure bar	13,6

**TURN 02**

Initial Speed km/h	172
Final Speed km/h	68
Stopping Distance m	98
Braking Time sec	3.1
Maximum Deceleration g	1.2
Max Force on Lever kg	4.9
Brake Pressure bar	10.4

**TURN 04**

Initial Speed km/h	189
Final Speed km/h	159
Stopping Distance m	77
Braking Time sec	1.6
Maximum Deceleration g	0.6
Max Force on Lever kg	0.9
Brake Pressure bar	1.9

**TURN 05**

Initial Speed km/h	236
Final Speed km/h	122
Stopping Distance m	164
Braking Time sec	3.4
Maximum Deceleration g	1.4
Max Force on Lever kg	4.0
Brake Pressure bar	8.6

**TURN 06\***

Initial Speed km/h	296
Final Speed km/h	67
Stopping Distance m	229
Braking Time sec	5.1
Maximum Deceleration g	1.5
Max Force on Lever kg	5.5
Brake Pressure bar	11.7

**TURN 07**

Initial Speed km/h	185
Final Speed km/h	165
Stopping Distance m	62
Braking Time sec	1.2
Maximum Deceleration g	0.6
Max Force on Lever kg	0.8
Brake Pressure bar	1.8

**TURN 08**

Initial Speed km/h	214
Final Speed km/h	122
Stopping Distance m	133
Braking Time sec	2.9
Maximum Deceleration g	1.1
Max Force on Lever kg	3.4
Brake Pressure bar	7.3

**TURN 09**

Initial Speed km/h	200
Final Speed km/h	98
Stopping Distance m	121
Braking Time sec	3.0
Maximum Deceleration g	1.2
Max Force on Lever kg	4.0
Brake Pressure bar	8.6

**TURN 10**

Initial Speed km/h	135
Final Speed km/h	108
Stopping Distance m	47
Braking Time sec	1.4
Maximum Deceleration g	0.7
Max Force on Lever kg	2.4
Brake Pressure bar	5.2

**TURN 11**

Initial Speed km/h	215
Final Speed km/h	159
Stopping Distance m	107
Braking Time sec	2.0
Maximum Deceleration g	1.1
Max Force on Lever kg	2.7
Brake Pressure bar	5.8

**TURN 13\***

Initial Speed km/h	224
Final Speed km/h	65
Stopping Distance m	170
Braking Time sec	4.5
Maximum Deceleration g	1.3
Max Force on Lever kg	4.4
Brake Pressure bar	9.4