

# BRAKE CIRCUIT IDENTITY CARD

## 02 CIRCUIT DE BARCELONA- CATALUNYA

4,657 m / 20 laps

It is one of the 3 Spanish circuits used this year by both Superbike and MotoGP.

The track's level of grip is always very high and, with over 30% of every lap spent on the brakes, it can be considered a very demanding track for the brakes.



TIME SPENT BRAKING

**31%**



BRAKES EFFORT

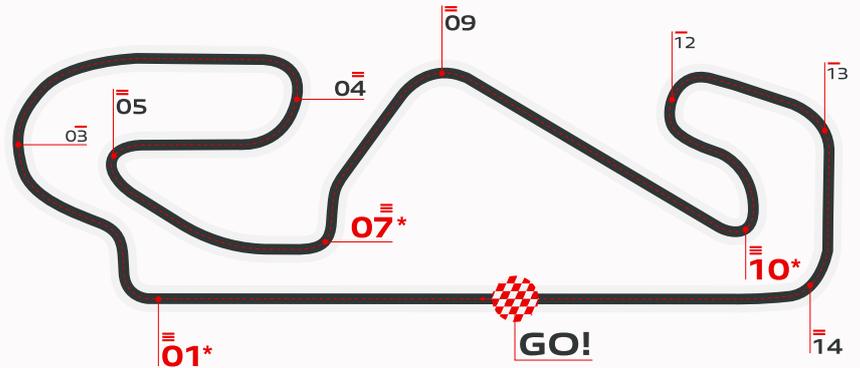
**5/5 VERY HARD**

\* Turn 01, Turn 10 & Turn 07 are considered the most demanding for the braking system.

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

## PIRELLI CATALUNYA ROUND

Spain 22<sup>nd</sup> March - 24<sup>th</sup> March 2024



<b>01</b> TURN	Initial Speed km/h	314
	Final Speed km/h	94
	Stopping Distance m	242
	Braking Time sec	4.5
	Maximum Deceleration g	1.5
	Max Force on Lever kg	5.4
	Brake Pressure bar	11.5

<b>03</b> TURN	Initial Speed km/h	160
	Final Speed km/h	134
	Stopping Distance m	58
	Braking Time sec	1.4
	Maximum Deceleration g	0.5
	Max Force on Lever kg	0.1
	Brake Pressure bar	0.2

<b>04</b> TURN	Initial Speed km/h	237
	Final Speed km/h	101
	Stopping Distance m	167
	Braking Time sec	3.7
	Maximum Deceleration g	1.3
	Max Force on Lever kg	4.4
	Brake Pressure bar	9.4

<b>05</b> TURN	Initial Speed km/h	190
	Final Speed km/h	74
	Stopping Distance m	133
	Braking Time sec	3.7
	Maximum Deceleration g	1.1
	Max Force on Lever kg	3.7
	Brake Pressure bar	8.0

<b>07</b> TURN	Initial Speed km/h	228
	Final Speed km/h	101
	Stopping Distance m	143
	Braking Time sec	3.2
	Maximum Deceleration g	1.4
	Max Force on Lever kg	4.7
	Brake Pressure bar	10.0

<b>09</b> TURN	Initial Speed km/h	203
	Final Speed km/h	129
	Stopping Distance m	115
	Braking Time sec	2.5
	Maximum Deceleration g	1.1
	Max Force on Lever kg	3.1
	Brake Pressure bar	6.6

<b>10</b> TURN	Initial Speed km/h	263
	Final Speed km/h	74
	Stopping Distance m	203
	Braking Time sec	4.7
	Maximum Deceleration g	1.4
	Max Force on Lever kg	4.1
	Brake Pressure bar	8,8

<b>12</b> TURN	Initial Speed km/h	163
	Final Speed km/h	93
	Stopping Distance m	95
	Braking Time sec	2.7
	Maximum Deceleration g	1.0
	Max Force on Lever kg	2.9
	Brake Pressure bar	6.3

<b>13</b> TURN	Initial Speed km/h	177
	Final Speed km/h	140
	Stopping Distance m	81
	Braking Time sec	1.8
	Maximum Deceleration g	0.8
	Max Force on Lever kg	1.7
	Brake Pressure bar	3.6

<b>14</b> TURN	Initial Speed km/h	197
	Final Speed km/h	132
	Stopping Distance m	110
	Braking Time sec	2.4
	Maximum Deceleration g	1.1
	Max Force on Lever kg	3.7
	Brake Pressure bar	8.0