



BRAKE CIRCUIT IDENTITY CARD

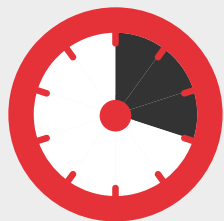
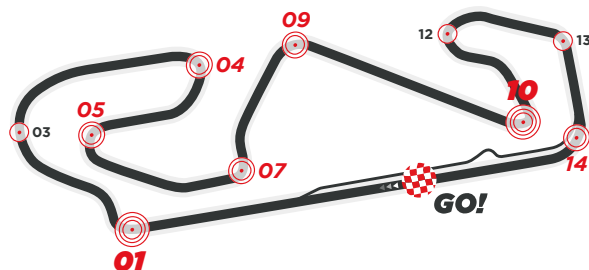
CIRCUIT DE BARCELONA - CATALUNYA

It is the only Spanish circuit used this year by both Superbike and MotoGP. The track's level of grip is always very high and, with about 30% of every lap spent on the brakes, it can be considered a very demanding track for the brakes.

SHOULD YOU PUBLISH ANY OF THE DATA CONTAINED HERE PLEASE QUOTE BREMBO AS SOURCE USED.

SUPERBIKE
05-07 MAY 2023 @ CATALUNYA ROUND

CIRCUIT LENGTH: **4.657 Km**
 NUMBER OF LAPS: **20**



TIME SPENT BRAKING:
30%

**TURN 01*, TURN 10*
& TURN 04*
ARE CONSIDERED THE
MOST DEMANDING FOR THE
BRAKING SYSTEM**

BRAKES EFFORT:
HARD



10 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	318
	Final Speed (km/h)	96
	Stopping Distance (m)	259
	Braking Time (sec)	4.8
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	5.2
	Brake Pressure (bar)	11.2

03 TURN	Initial Speed (km/h)	161
	Final Speed (km/h)	135
	Stopping Distance (m)	63
	Braking Time (sec)	1.5
	Maximum Deceleration (g)	0.4
	Max Force on Lever (kg)	0.3
	Brake Pressure (bar)	0.2

04 TURN	Initial Speed (km/h)	235
	Final Speed (km/h)	99
	Stopping Distance (m)	168
	Braking Time (sec)	3.8
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	4.5
	Brake Pressure (bar)	9.7

05 TURN	Initial Speed (km/h)	192
	Final Speed (km/h)	74
	Stopping Distance (m)	134
	Braking Time (sec)	3.7
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	4.3
	Brake Pressure (bar)	9.3

07 TURN	Initial Speed (km/h)	221
	Final Speed (km/h)	99
	Stopping Distance (m)	157
	Braking Time (sec)	3.4
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	4.4
	Brake Pressure (bar)	9.5

09 TURN	Initial Speed (km/h)	205
	Final Speed (km/h)	127
	Stopping Distance (m)	109
	Braking Time (sec)	2.4
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	3.9
	Brake Pressure (bar)	8.4

10 TURN	Initial Speed (km/h)	262
	Final Speed (km/h)	75
	Stopping Distance (m)	190
	Braking Time (sec)	4.6
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	4.9
	Brake Pressure (bar)	10.5

12 TURN	Initial Speed (km/h)	156
	Final Speed (km/h)	96
	Stopping Distance (m)	77
	Braking Time (sec)	2.2
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	3.5
	Brake Pressure (bar)	7.4

13 TURN	Initial Speed (km/h)	179
	Final Speed (km/h)	141
	Stopping Distance (m)	74
	Braking Time (sec)	1.6
	Maximum Deceleration (g)	0.9
	Max Force on Lever (kg)	2.8
	Brake Pressure (bar)	6.0

14 TURN	Initial Speed (km/h)	201
	Final Speed (km/h)	130
	Stopping Distance (m)	106
	Braking Time (sec)	2.3
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	3.9
	Brake Pressure (bar)	8.4