



BRAKE CIRCUIT IDENTITY CARD

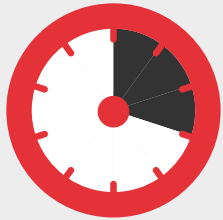
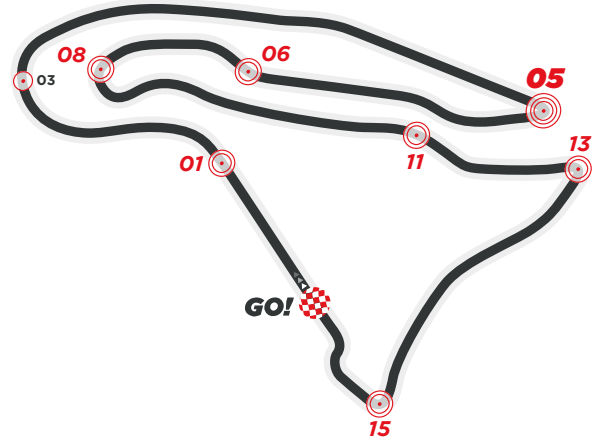
CIRCUIT DE NEVERS MAGNY-COURS

The french track is characterized by 8 braking sections, including 4 taken at speeds below 100 km/h (62 mph) which therefore require heavy brake use. The tight sequence of braking sections in the first part of the track determine no small stress on the steel discs which struggle to cool down.

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

SUPERBIKE
08-10 SEP 2023 PIRELLI FRENCH ROUND

CIRCUIT LENGTH: **4.411 Km**
 NUMBER OF LAPS: **21**



TIME SPENT BRAKING:
29%

TURN 05*, TURN 06* & TURN 01* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

BRAKES EFFORT:
HARD



08 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	250
	Final Speed (km/h)	149
	Stopping Distance (m)	149
	Braking Time (sec)	2.7
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	4.4
	Brake Pressure (bar)	9.4

03 TURN	Initial Speed (km/h)	198
	Final Speed (km/h)	136
	Stopping Distance (m)	115
	Braking Time (sec)	2.5
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	2.3
	Brake Pressure (bar)	5.0

05 TURN	Initial Speed (km/h)	296
	Final Speed (km/h)	50
	Stopping Distance (m)	250
	Braking Time (sec)	5.5
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	5.1
	Brake Pressure (bar)	11.0

06 TURN	Initial Speed (km/h)	255
	Final Speed (km/h)	139
	Stopping Distance (m)	153
	Braking Time (sec)	2.8
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	4.2
	Brake Pressure (bar)	8.9

08 TURN	Initial Speed (km/h)	190
	Final Speed (km/h)	73
	Stopping Distance (m)	130
	Braking Time (sec)	3.6
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	3.8
	Brake Pressure (bar)	8.1

11 TURN	Initial Speed (km/h)	257
	Final Speed (km/h)	142
	Stopping Distance (m)	160
	Braking Time (sec)	2.9
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	4.0
	Brake Pressure (bar)	8.6

13 TURN	Initial Speed (km/h)	168
	Final Speed (km/h)	60
	Stopping Distance (m)	106
	Braking Time (sec)	3.4
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	4.4
	Brake Pressure (bar)	9.5

15 TURN	Initial Speed (km/h)	230
	Final Speed (km/h)	71
	Stopping Distance (m)	181
	Braking Time (sec)	4.3
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.4
	Brake Pressure (bar)	9.4