

# BRAKE CIRCUIT IDENTITY CARD

## 06 AUTODROMO MOST

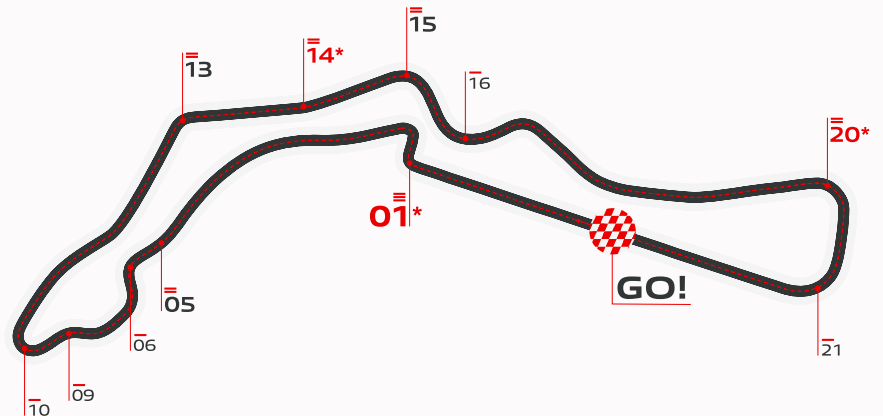
4,212 m / 22 laps

Despite having been completed in 1983, the Czech track hosted the Superbike World Championship only in 2021, 2022 and 2023.

In 4.2 km it has 21 curves, but only in just over half the brakes are used, even if only in one case the bikes face a deceleration of over 200 km/h (124 mph).

## CZECH ROUND

Czech Republic 19<sup>th</sup> July - 21<sup>th</sup> July 2024



<b>TURN 01*</b>	Initial Speed km/h	294
	Final Speed km/h	72
	Stopping Distance m	245
	Braking Time sec	5.2
	Maximum Deceleration g	1.5
	Max Force on Lever kg	4.5
	Brake Pressure bar	9.7

<b>TURN 05</b>	Initial Speed km/h	235
	Final Speed km/h	137
	Stopping Distance m	144
	Braking Time sec	2.7
	Maximum Deceleration g	1.1
	Max Force on Lever kg	3.1
	Brake Pressure bar	6.6

<b>TURN 06</b>	Initial Speed km/h	134
	Final Speed km/h	102
	Stopping Distance m	42
	Braking Time sec	1.3
	Maximum Deceleration g	1.0
	Max Force on Lever kg	3.3
	Brake Pressure bar	7.1

<b>TURN 09</b>	Initial Speed km/h	155
	Final Speed km/h	101
	Stopping Distance m	72
	Braking Time sec	1.9
	Maximum Deceleration g	0.9
	Max Force on Lever kg	3.5
	Brake Pressure bar	7.6

<b>TURN 10</b>	Initial Speed km/h	99
	Final Speed km/h	64
	Stopping Distance m	34
	Braking Time sec	1.5
	Maximum Deceleration g	1.0
	Max Force on Lever kg	3.3
	Brake Pressure bar	7.0

<b>TURN 13</b>	Initial Speed km/h	210
	Final Speed km/h	135
	Stopping Distance m	116
	Braking Time sec	2.4
	Maximum Deceleration g	1.1
	Max Force on Lever kg	3.1
	Brake Pressure bar	6.6

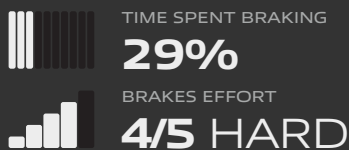
<b>TURN 14*</b>	Initial Speed km/h	233
	Final Speed km/h	171
	Stopping Distance m	100
	Braking Time sec	1.7
	Maximum Deceleration g	1.2
	Max Force on Lever kg	3.5
	Brake Pressure bar	7.5

<b>TURN 15</b>	Initial Speed km/h	167
	Final Speed km/h	102
	Stopping Distance m	86
	Braking Time sec	2.3
	Maximum Deceleration g	1.1
	Max Force on Lever kg	3.5
	Brake Pressure bar	7.4

<b>TURN 16</b>	Initial Speed km/h	134
	Final Speed km/h	113
	Stopping Distance m	47
	Braking Time sec	1.3
	Maximum Deceleration g	0.7
	Max Force on Lever kg	1.4
	Brake Pressure bar	2.9

<b>TURN 20*</b>	Initial Speed km/h	253
	Final Speed km/h	101
	Stopping Distance m	199
	Braking Time sec	4.1
	Maximum Deceleration g	1.3
	Max Force on Lever kg	4.0
	Brake Pressure bar	8.6

<b>TURN 21</b>	Initial Speed km/h	159
	Final Speed km/h	121
	Stopping Distance m	69
	Braking Time sec	1.7
	Maximum Deceleration g	0.8
	Max Force on Lever kg	1.7
	Brake Pressure bar	3.6



\* Turn 01, Turn 20 & Turn 14 are considered the most demanding for the braking system.

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