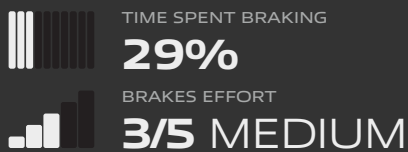


# BRAKE CIRCUIT IDENTITY CARD

## 07 AUTODROMO INTERNACIONAL DO ALGARVE

4,592 m / 20 laps

The Algarve Circuit is characterized by one braking section classified as demanding on the brakes, four of medium difficulty and six light and all with deceleration between 1 and 1.5 g. The frequent differences in level on the circuit can be another critical part of the track since it cause the shaking of the bike, but they do not have a severe influence on the braking system.

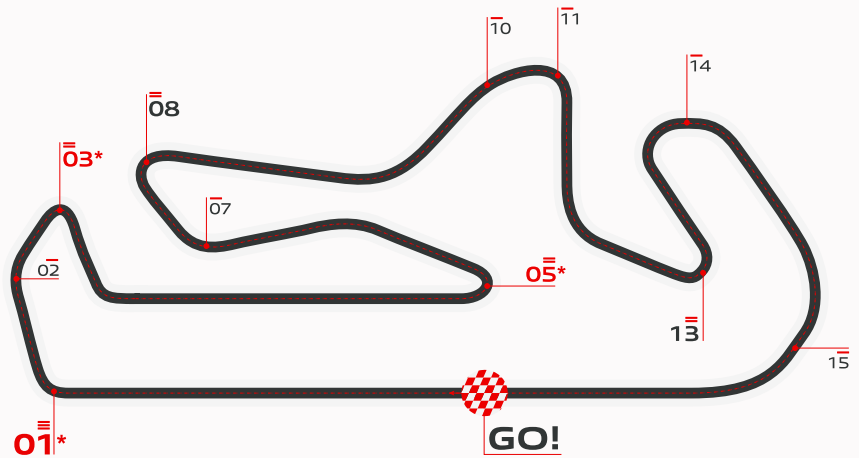


\* Turn 01, Turn 05 & Turn 03 are considered the most demanding for the braking system.

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

## PIRELLI PORTUGUESE ROUND

Portugal 9<sup>th</sup> August - 11<sup>th</sup> August 2024



**TURN 01\***

Initial Speed km/h	316
Final Speed km/h	110
Stopping Distance m	264
Braking Time sec	4.5
Maximum Deceleration g	1.5
Max Force on Lever kg	5.,4
Brake Pressure bar	11.5

**TURN 02**

Initial Speed km/h	175
Final Speed km/h	147
Stopping Distance m	40
Braking Time sec	0.8
Maximum Deceleration g	1.0
Max Force on Lever kg	3.8
Brake Pressure bar	8.1

**TURN 03\***

Initial Speed km/h	144
Final Speed km/h	56
Stopping Distance m	64
Braking Time sec	2.5
Maximum Deceleration g	1.2
Max Force on Lever kg	4.3
Brake Pressure bar	9.2

**TURN 05\***

Initial Speed km/h	237
Final Speed km/h	70
Stopping Distance m	182
Braking Time sec	4.4
Maximum Deceleration g	1.3
Max Force on Lever kg	4.2
Brake Pressure bar	8.9

**TURN 07**

Initial Speed km/h	202
Final Speed km/h	135
Stopping Distance m	110
Braking Time sec	2.4
Maximum Deceleration g	1.0
Max Force on Lever kg	2.7
Brake Pressure bar	5.8

**TURN 08**

Initial Speed km/h	147
Final Speed km/h	83
Stopping Distance m	70
Braking Time sec	2.2
Maximum Deceleration g	1.1
Max Force on Lever kg	3.8
Brake Pressure bar	8.2

**TURN 10**

Initial Speed km/h	194
Final Speed km/h	134
Stopping Distance m	87
Braking Time sec	1.8
Maximum Deceleration g	1.0
Max Force on Lever kg	2.6
Brake Pressure bar	5.5

**TURN 11**

Initial Speed km/h	131
Final Speed km/h	86
Stopping Distance m	55
Braking Time sec	1.8
Maximum Deceleration g	1.0
Max Force on Lever kg	2.4
Brake Pressure bar	5.2

**TURN 13**

Initial Speed km/h	177
Final Speed km/h	65
Stopping Distance m	118
Braking Time sec	3.5
Maximum Deceleration g	1.0
Max Force on Lever kg	3.2
Brake Pressure bar	6.9

**TURN 14**

Initial Speed km/h	152
Final Speed km/h	87
Stopping Distance m	85
Braking Time sec	2.6
Maximum Deceleration g	1.0
Max Force on Lever kg	3.2
Brake Pressure bar	6.8

**TURN 15**

Initial Speed km/h	215
Final Speed km/h	158
Stopping Distance m	102
Braking Time sec	1.9
Maximum Deceleration g	1.1
Max Force on Lever kg	2.6
Brake Pressure bar	5.6