

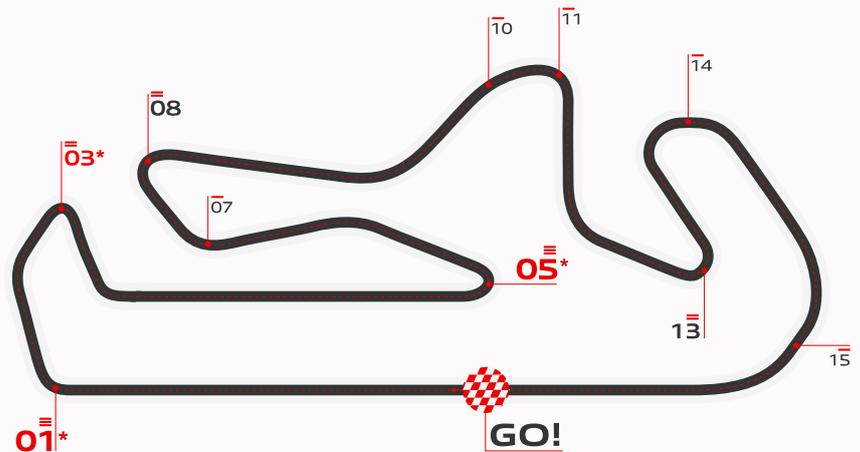
BRAKE CIRCUIT IDENTITY CARD

02 AUTODROMO INTERNACIONAL DO ALGARVE

4,590 m / 25 laps

The constant ups and downs make it difficult for riders to calibrate their braking, with the risk of going too long on the downhill sections or braking too early on the uphill sections.

As such, it is crucial to ensure that the bike is equipped with a good master cylinder, and to adjust this according to individual requirements.



TURN 01*

Initial Speed km/h	330
Final Speed km/h	123
Stopping Distance m	243
Braking Time sec	4.0
Maximum Deceleration g	1.5
Max Force on Lever kg	7.0
Brake Pressure bar	14.9

TURN 03*

Initial Speed km/h	173
Final Speed km/h	62
Stopping Distance m	107
Braking Time sec	3.4
Maximum Deceleration g	1.1
Max Force on Lever kg	4.1
Brake Pressure bar	8.7

TURN 05*

Initial Speed km/h	254
Final Speed km/h	70
Stopping Distance m	208
Braking Time sec	5.0
Maximum Deceleration g	1.3
Max Force on Lever kg	5.2
Brake Pressure bar	11.1

TURN 07

Initial Speed km/h	206
Final Speed km/h	149
Stopping Distance m	102
Braking Time sec	2.1
Maximum Deceleration g	1.0
Max Force on Lever kg	2.3
Brake Pressure bar	5.0

TURN 08

Initial Speed km/h	146
Final Speed km/h	85
Stopping Distance m	69
Braking Time sec	2.1
Maximum Deceleration g	1.0
Max Force on Lever kg	3.7
Brake Pressure bar	7.9

TURN 10

Initial Speed km/h	210
Final Speed km/h	115
Stopping Distance m	122
Braking Time sec	2.7
Maximum Deceleration g	1.0
Max Force on Lever kg	2.9
Brake Pressure bar	6.3

TURN 11

Initial Speed km/h	113
Final Speed km/h	88
Stopping Distance m	41
Braking Time sec	1.5
Maximum Deceleration g	0.8
Max Force on Lever kg	1.8
Brake Pressure bar	3.9

TURN 13

Initial Speed km/h	187
Final Speed km/h	64
Stopping Distance m	123
Braking Time sec	3.7
Maximum Deceleration g	1.0
Max Force on Lever kg	3.9
Brake Pressure bar	8.4

TURN 14

Initial Speed km/h	148
Final Speed km/h	91
Stopping Distance m	95
Braking Time sec	2.9
Maximum Deceleration g	0.7
Max Force on Lever kg	2.2
Brake Pressure bar	4.8

TURN 15

Initial Speed km/h	215
Final Speed km/h	158
Stopping Distance m	123
Braking Time sec	2.4
Maximum Deceleration g	0.9
Max Force on Lever kg	2.3
Brake Pressure bar	4.9



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