



BRAKE CIRCUIT IDENTITY CARD

ALGARVE INTERNATIONAL CIRCUIT

The Algarve Circuit is characterized by one braking section classified as demanding on the brakes, five of medium difficulty and four light and all with deceleration between 0.8 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.

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

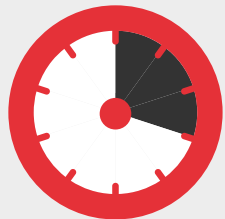
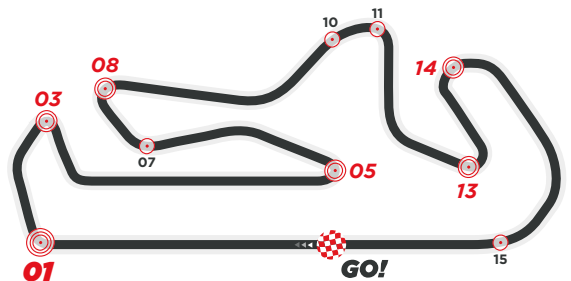
SUPERBIKE

29 SEP - 01 OCT 2023 PIRELLI PORTUGUESE ROUND



CIRCUIT LENGTH: **4.592 Km**

NUMBER OF LAPS: **20**



TIME SPENT BRAKING:
31%

TURN 01*, TURN 03* & TURN 05* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

BRAKES EFFORT:
MEDIUM



10 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	318
	Final Speed (km/h)	112
	Stopping Distance (m)	282
	Braking Time (sec)	4.8
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	4.3
	Brake Pressure (bar)	9.2

03 TURN	Initial Speed (km/h)	171
	Final Speed (km/h)	55
	Stopping Distance (m)	109
	Braking Time (sec)	3.5
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.9
	Brake Pressure (bar)	10.6

05 TURN	Initial Speed (km/h)	240
	Final Speed (km/h)	69
	Stopping Distance (m)	194
	Braking Time (sec)	4.7
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.1
	Brake Pressure (bar)	8.8

07 TURN	Initial Speed (km/h)	205
	Final Speed (km/h)	141
	Stopping Distance (m)	115
	Braking Time (sec)	2.4
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	2.8
	Brake Pressure (bar)	6.0

08 TURN	Initial Speed (km/h)	146
	Final Speed (km/h)	79
	Stopping Distance (m)	75
	Braking Time (sec)	2.4
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	4.0
	Brake Pressure (bar)	8.5

10 TURN	Initial Speed (km/h)	206
	Final Speed (km/h)	132
	Stopping Distance (m)	125
	Braking Time (sec)	2.6
	Maximum Deceleration (g)	0.9
	Max Force on Lever (kg)	2.8
	Brake Pressure (bar)	5.9

11 TURN	Initial Speed (km/h)	130
	Final Speed (km/h)	83
	Stopping Distance (m)	64
	Braking Time (sec)	2.2
	Maximum Deceleration (g)	0.8
	Max Force on Lever (kg)	2.1
	Brake Pressure (bar)	4.4

13 TURN	Initial Speed (km/h)	181
	Final Speed (km/h)	63
	Stopping Distance (m)	113
	Braking Time (sec)	3.3
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.4
	Brake Pressure (bar)	9.5

14 TURN	Initial Speed (km/h)	150
	Final Speed (km/h)	83
	Stopping Distance (m)	88
	Braking Time (sec)	2.8
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	3.8
	Brake Pressure (bar)	8.2

15 TURN	Initial Speed (km/h)	214
	Final Speed (km/h)	155
	Stopping Distance (m)	119
	Braking Time (sec)	2.3
	Maximum Deceleration (g)	0.9
	Max Force on Lever (kg)	2.4
	Brake Pressure (bar)	5.2