

BRAKE CIRCUIT IDENTITY CARD

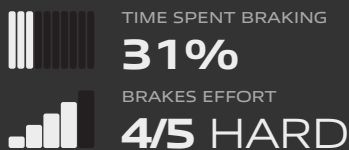
11 CIRCUITO ESTORIL

4,182 m / 21 laps

The Portuguese track is a combination of long straights, fast corners and hairpins to be traveled at low speed.

It is a difficult track, with several very slow corners and poor grip, also because, being close to the Ocean, there is often the wind that brings sand and dust to the asphalt and creates riding problems.

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.

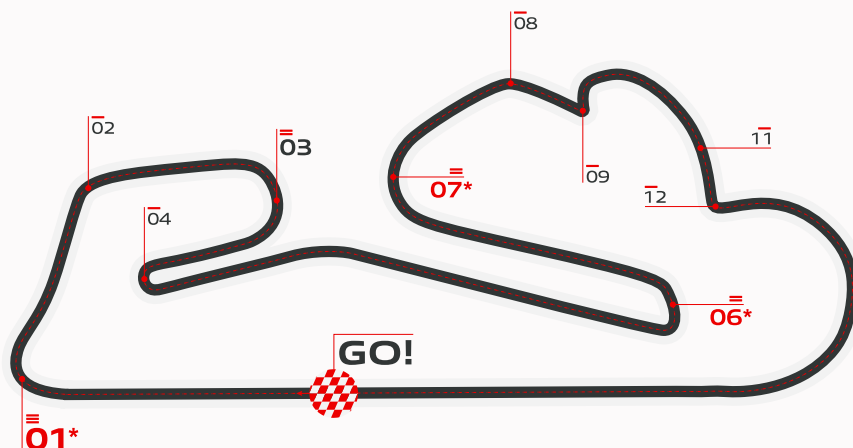


* Turn 01, Turn 06 & Turn 07 are considered the most demanding for the braking system.

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

ESTORIL ROUND

Portugal 11th October - 13th October 2024



01*	Initial Speed km/h	315
	Final Speed km/h	76
	Stopping Distance m	305
	Braking Time sec	5.9
	Maximum Deceleration g	1.5
	Max Force on Lever kg	4.9
	Brake Pressure bar	10.6

02	Initial Speed km/h	177
	Final Speed km/h	130
	Stopping Distance m	93
	Braking Time sec	2.1
	Maximum Deceleration g	0.9
	Max Force on Lever kg	2.6
	Brake Pressure bar	5.5

03	Initial Speed km/h	181
	Final Speed km/h	72
	Stopping Distance m	122
	Braking Time sec	3.4
	Maximum Deceleration g	1.2
	Max Force on Lever kg	4.8
	Brake Pressure bar	10.3

04	Initial Speed km/h	159
	Final Speed km/h	78
	Stopping Distance m	89
	Braking Time sec	2.8
	Maximum Deceleration g	1.0
	Max Force on Lever kg	3.4
	Brake Pressure bar	7.3

06*	Initial Speed km/h	276
	Final Speed km/h	89
	Stopping Distance m	234
	Braking Time sec	4.8
	Maximum Deceleration g	1.3
	Max Force on Lever kg	4.2
	Brake Pressure bar	9.0

07*	Initial Speed km/h	228
	Final Speed km/h	86
	Stopping Distance m	178
	Braking Time sec	4.2
	Maximum Deceleration g	1.3
	Max Force on Lever kg	4.4
	Brake Pressure bar	9.5

08	Initial Speed km/h	168
	Final Speed km/h	133
	Stopping Distance m	63
	Braking Time sec	1.5
	Maximum Deceleration g	0.9
	Max Force on Lever kg	2.9
	Brake Pressure bar	6.3

09	Initial Speed km/h	132
	Final Speed km/h	58
	Stopping Distance m	73
	Braking Time sec	2.7
	Maximum Deceleration g	1.0
	Max Force on Lever kg	3.4
	Brake Pressure bar	7.3

11	Initial Speed km/h	160
	Final Speed km/h	135
	Stopping Distance m	48
	Braking Time sec	1.1
	Maximum Deceleration g	0.8
	Max Force on Lever kg	2.7
	Brake Pressure bar	5.8

12	Initial Speed km/h	132
	Final Speed km/h	100
	Stopping Distance m	42
	Braking Time sec	1.3
	Maximum Deceleration g	0.8
	Max Force on Lever kg	2.6
	Brake Pressure bar	5.6