

BRAKE CIRCUIT IDENTITY CARDS

BRAKES EFFORT

 **EASY**

TIME SPENT BRAKING

 **30%**

CIRCUIT LENGTH

 **4,592 M**

NUMBER OF LAPS

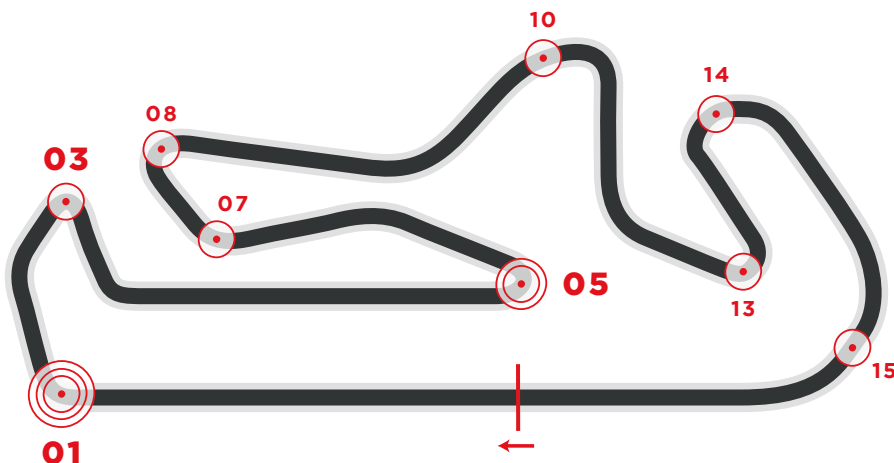
 **24**

NUMBER OF BRAKE ZONES/LAP

 **09**

IMPORTANT

TURN 01*, **TURN 05*** and **TURN 03*** are considered the most demanding for the braking system.



The Algarve Circuit is characterized by any one braking section classified as demanding on the brakes. The frequent differences in level on the circuit (the maximum slope on descents is 12% and on ascents 6%) 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.

TURN 01	Initial speed	325 (Km/h)
	Final speed	119 (Km/h)
	Stopping distance	282 (m)
	Braking time	4.8 (sec)
	Maximum deceleration	1.5 (g)
	Max force on lever	4.3 (Kg)

TURN 03	Initial speed	168 (Km/h)
	Final speed	61 (Km/h)
	Stopping distance	106 (m)
	Braking time	3.5 (sec)
	Maximum deceleration	1 (g)
	Max force on lever	3.5 (Kg)

TURN 05	Initial speed	246 (Km/h)
	Final speed	78 (Km/h)
	Stopping distance	203 (m)
	Braking time	5 (sec)
	Maximum deceleration	1.3 (g)
	Max force on lever	4.1 (Kg)

TURN 07	Initial speed	206 (Km/h)
	Final speed	136 (Km/h)
	Stopping distance	127 (m)
	Braking time	2.7 (sec)
	Maximum deceleration	0.9 (g)
	Max force on lever	2.4 (Kg)

TURN 08	Initial speed	148 (Km/h)
	Final speed	81 (Km/h)
	Stopping distance	73 (m)
	Braking time	2.3 (sec)
	Maximum deceleration	1 (g)
	Max force on lever	3.2 (Kg)

TURN 10	Initial speed	205 (Km/h)
	Final speed	112 (Km/h)
	Stopping distance	139 (m)
	Braking time	3.1 (sec)
	Maximum deceleration	0.9 (g)
	Max force on lever	2 (Kg)

TURN 13	Initial speed	175 (Km/h)
	Final speed	68 (Km/h)
	Stopping distance	128 (m)
	Braking time	3.9 (sec)
	Maximum deceleration	0.9 (g)
	Max force on lever	2.9 (Kg)

TURN 14	Initial speed	156 (Km/h)
	Final speed	88 (Km/h)
	Stopping distance	96 (m)
	Braking time	2.9 (sec)
	Maximum deceleration	0.9 (g)
	Max force on lever	2.3 (Kg)

TURN 15	Initial speed	216 (Km/h)
	Final speed	162 (Km/h)
	Stopping distance	101 (m)
	Braking time	1.9 (sec)
	Maximum deceleration	0.9 (g)
	Max force on lever	2 (Kg)