

## BRAKE CIRCUIT IDENTITY CARDS

### BRAKES EFFORT

■■■■ MEDIUM

### TIME SPENT BRAKING

🕒 31%

### CIRCUIT LENGTH

🏁 4,592 M

### NUMBER OF LAPS

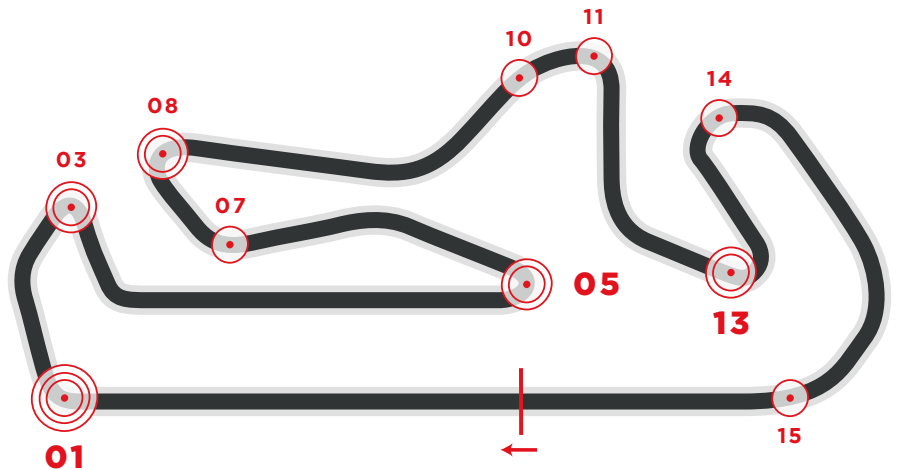
🏁 20

### NUMBER OF BRAKE ZONES/LAP

🏁 10

### IMPORTANT

**TURN 01\***, **TURN 05\*** and **TURN 13\*** are considered the most demanding for the braking system.



The Algarve Circuit is characterized by one braking section classified as demanding on the brakes, four of medium difficulty and five 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.

TURN 01	Initial speed	313	(Km/h)
	Final speed	108	(Km/h)
	Stopping distance	274	(m)
	Braking time	4.8	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	6.5	(Kg)

TURN 03	Initial speed	164	(Km/h)
	Final speed	54	(Km/h)
	Stopping distance	91	(m)
	Braking time	3.3	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	4.9	(Kg)

TURN 05	Initial speed	236	(Km/h)
	Final speed	73	(Km/h)
	Stopping distance	195	(m)
	Braking time	4.9	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	4.9	(Kg)

TURN 07	Initial speed	200	(Km/h)
	Final speed	142	(Km/h)
	Stopping distance	127	(m)
	Braking time	2.7	(sec)
	Maximum deceleration	0.8	(g)
	Max force on lever	2.3	(Kg)

TURN 08	Initial speed	144	(Km/h)
	Final speed	79	(Km/h)
	Stopping distance	68	(m)
	Braking time	2.3	(sec)
	Maximum deceleration	1	(g)
	Max force on lever	4.3	(Kg)

TURN 10	Initial speed	205	(Km/h)
	Final speed	126	(Km/h)
	Stopping distance	116	(m)
	Braking time	2.5	(sec)
	Maximum deceleration	0.9	(g)
	Max force on lever	2.9	(Kg)

TURN 11	Initial speed	123	(Km/h)
	Final speed	81	(Km/h)
	Stopping distance	57	(m)
	Braking time	2.1	(sec)
	Maximum deceleration	0.9	(g)
	Max force on lever	2.8	(Kg)

TURN 13	Initial speed	174	(Km/h)
	Final speed	63	(Km/h)
	Stopping distance	105	(m)
	Braking time	3.3	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	5.3	(Kg)

TURN 14	Initial speed	145	(Km/h)
	Final speed	86	(Km/h)
	Stopping distance	88	(m)
	Braking time	2.9	(sec)
	Maximum deceleration	0.8	(g)
	Max force on lever	3.1	(Kg)

TURN 15	Initial speed	210	(Km/h)
	Final speed	152	(Km/h)
	Stopping distance	125	(m)
	Braking time	2.6	(sec)
	Maximum deceleration	0.8	(g)
	Max force on lever	2.6	(Kg)