

BRAKE CIRCUIT IDENTITY CARDS

BRAKES EFFORT

VERY HARD

TIME SPENT BRAKING

27%

CIRCUIT LENGTH

4,627 M

NUMBER OF LAPS

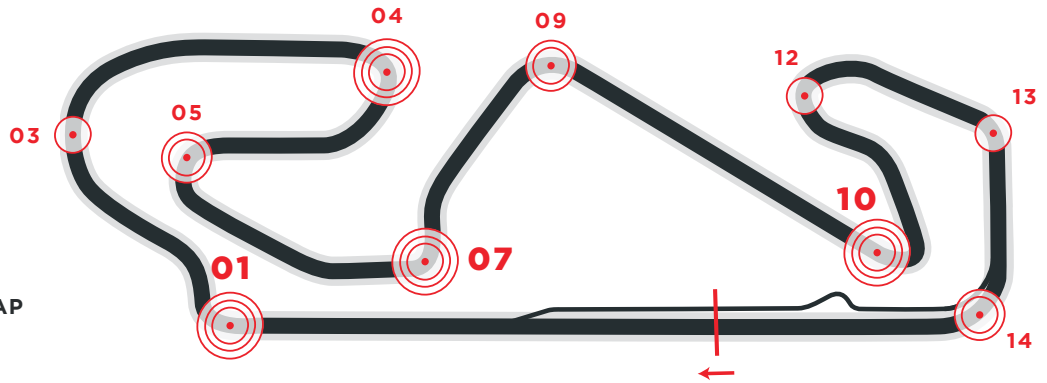
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NUMBER OF BRAKE ZONES/LAP

10

IMPORTANT

TURN 01*, **TURN 10*** and **TURN 07*** are considered the most demanding for the braking system.



This is the circuit which is used most for winter testing so the teams and drivers know it quite well. The track's level of grip is always very high and, with about 27% of every lap spent on the brakes, it can be considered a medium demanding track for the brakes. On the other hand, the straight stretches allow efficient heat dissipation between one braking section and the next.

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

TURN 01	Initial speed	310	(Km/h)
	Final speed	100	(Km/h)
	Stopping distance	236	(m)
	Braking time	4.4	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	6.1	(Kg)

TURN 03	Initial speed	162	(Km/h)
	Final speed	134	(Km/h)
	Stopping distance	57	(m)
	Braking time	1.4	(sec)
	Maximum deceleration	0.6	(g)
	Max force on lever	1.2	(Kg)

TURN 04	Initial speed	236	(Km/h)
	Final speed	98	(Km/h)
	Stopping distance	158	(m)
	Braking time	3.6	(sec)
	Maximum deceleration	1.3	(g)
	Max force on lever	5.6	(Kg)

TURN 05	Initial speed	193	(Km/h)
	Final speed	79	(Km/h)
	Stopping distance	115	(m)
	Braking time	3.1	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	5.6	(Kg)

TURN 07	Initial speed	221	(Km/h)
	Final speed	101	(Km/h)
	Stopping distance	125	(m)
	Braking time	2.9	(sec)
	Maximum deceleration	1.4	(g)
	Max force on lever	5.4	(Kg)

TURN 09	Initial speed	203	(Km/h)
	Final speed	127	(Km/h)
	Stopping distance	110	(m)
	Braking time	2.4	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	4.3	(Kg)

TURN 10	Initial speed	255	(Km/h)
	Final speed	62	(Km/h)
	Stopping distance	189	(m)
	Braking time	4.5	(sec)
	Maximum deceleration	1.4	(g)
	Max force on lever	5.1	(Kg)

TURN 12	Initial speed	138	(Km/h)
	Final speed	96	(Km/h)
	Stopping distance	67	(m)
	Braking time	2	(sec)
	Maximum deceleration	0.9	(g)
	Max force on lever	2.7	(Kg)

TURN 13	Initial speed	179	(Km/h)
	Final speed	138	(Km/h)
	Stopping distance	69	(m)
	Braking time	1.5	(sec)
	Maximum deceleration	0.9	(g)
	Max force on lever	2.3	(Kg)

TURN 14	Initial speed	195	(Km/h)
	Final speed	134	(Km/h)
	Stopping distance	85	(m)
	Braking time	1.8	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	4.2	(Kg)