

2019 FORMULA 1

# EMIRATES GRAN PREMIO DE ESPAÑA

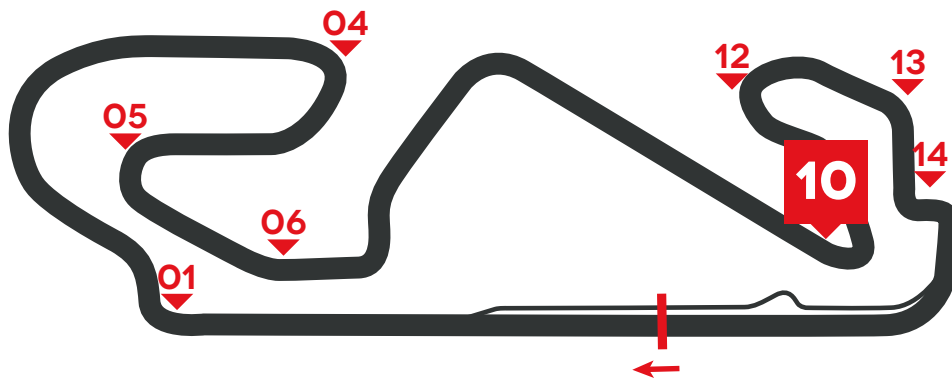


BRAKE CIRCUIT  
IDENTITY CARDS  
10-12 MAY 2019

BRAKES EFFORT **MEDIUM**

TIME SPENT BRAKING **19%**

 **brembo** DATA



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 19% 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.

## CIRCUIT DATA

Length: **4,655 m** - Number of laps: **66**  
Number of brake zones/lap: **08**

## IMPORTANT

**\*TURN 10** is considered the most demanding for the braking system.

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

01		
Initial speed	325	(Km/h)
Final speed	146	(Km/h)
Stopping distance	119	(m)
Braking time	2.01	(sec)
Maximum deceleration	5.3	(g)
Maximum pedal load	137	(Kg)
Braking power	2205	(Kw)

06		
Initial speed	279	(Km/h)
Final speed	163	(Km/h)
Stopping distance	78	(m)
Braking time	1.33	(sec)
Maximum deceleration	4.2	(g)
Maximum pedal load	73	(Kg)
Braking power	1304	(Kw)

13		
Initial speed	235	(Km/h)
Final speed	141	(Km/h)
Stopping distance	74	(m)
Braking time	1.51	(sec)
Maximum deceleration	3.3	(g)
Maximum pedal load	64	(Kg)
Braking power	813	(Kw)

04		
Initial speed	299	(Km/h)
Final speed	160	(Km/h)
Stopping distance	105	(m)
Braking time	1.79	(sec)
Maximum deceleration	4.6	(g)
Maximum pedal load	107	(Kg)
Braking power	1586	(Kw)

10*		
Initial speed	319	(Km/h)
Final speed	79	(Km/h)
Stopping distance	129	(m)
Braking time	2.90	(sec)
Maximum deceleration	5.2	(g)
Maximum pedal load	196	(Kg)
Braking power	2845	(Kw)

14		
Initial speed	178	(Km/h)
Final speed	91	(Km/h)
Stopping distance	56	(m)
Braking time	1.59	(sec)
Maximum deceleration	2.4	(g)
Maximum pedal load	49	(Kg)
Braking power	580	(Kw)

05		
Initial speed	266	(Km/h)
Final speed	113	(Km/h)
Stopping distance	95	(m)
Braking time	2.02	(sec)
Maximum deceleration	4.2	(g)
Maximum pedal load	110	(Kg)
Braking power	1585	(Kw)

12		
Initial speed	222	(Km/h)
Final speed	132	(Km/h)
Stopping distance	70	(m)
Braking time	1.49	(sec)
Maximum deceleration	2.8	(g)
Maximum pedal load	54	(Kg)
Braking power	649	(Kw)