

2020 FORMULA 1 ARAMCO GRAN PREMIO DE ESPAÑA

brembo 
14-16 AUG 2020

BRAKE CIRCUIT IDENTITY CARDS

BRAKES EFFORT

 **MEDIUM**

TIME SPENT BRAKING

 **19%**

CIRCUIT LENGTH

 **4,655 M**

NUMBER OF LAPS

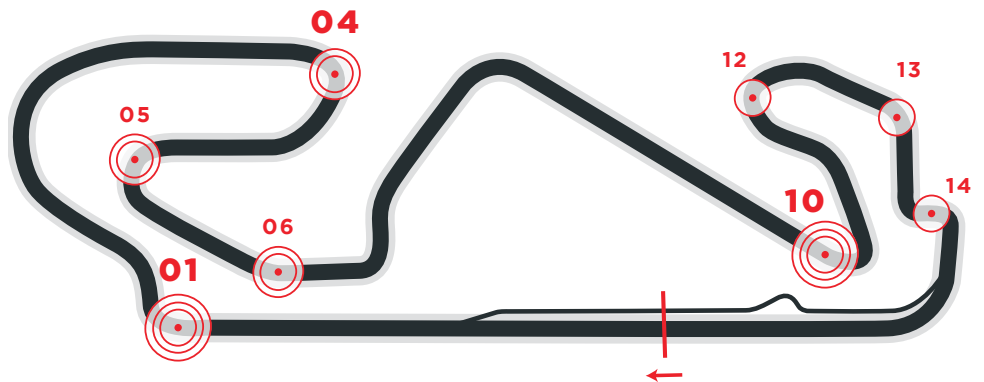
 **66**

NUMBER OF BRAKE ZONES/LAP

 **08**

IMPORTANT

TURN 10*, **TURN 01*** and **TURN 04*** 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 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.

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

TURN 01	Initial speed	329	(Km/h)
	Final speed	146	(Km/h)
	Stopping distance	123	(m)
	Braking time	2.06	(sec)
	Maximum deceleration	5.4	(g)
	Maximum pedal load	139	(Kg)
	Braking power	2266	(Kw)

TURN 04	Initial speed	301	(Km/h)
	Final speed	161	(Km/h)
	Stopping distance	105	(m)
	Braking time	1.77	(sec)
	Maximum deceleration	4.6	(g)
	Maximum pedal load	107	(Kg)
	Braking power	1586	(Kw)

TURN 05	Initial speed	268	(Km/h)
	Final speed	115	(Km/h)
	Stopping distance	92	(m)
	Braking time	1.93	(sec)
	Maximum deceleration	4.2	(g)
	Maximum pedal load	108	(Kg)
	Braking power	1531	(Kw)

TURN 06	Initial speed	281	(Km/h)
	Final speed	166	(Km/h)
	Stopping distance	76	(m)
	Braking time	1.29	(sec)
	Maximum deceleration	4.2	(g)
	Maximum pedal load	72	(Kg)
	Braking power	1276	(Kw)

TURN 10	Initial speed	328	(Km/h)
	Final speed	79	(Km/h)
	Stopping distance	136	(m)
	Braking time	3.04	(sec)
	Maximum deceleration	5.4	(g)
	Maximum pedal load	201	(Kg)
	Braking power	2999	(Kw)

TURN 12	Initial speed	222	(Km/h)
	Final speed	133	(Km/h)
	Stopping distance	69	(m)
	Braking time	1.47	(sec)
	Maximum deceleration	2.8	(g)
	Maximum pedal load	54	(Kg)
	Braking power	644	(Kw)

TURN 13	Initial speed	243	(Km/h)
	Final speed	141	(Km/h)
	Stopping distance	80	(m)
	Braking time	1.61	(sec)
	Maximum deceleration	3.4	(g)
	Maximum pedal load	66	(Kg)
	Braking power	871	(Kw)

TURN 14	Initial speed	182	(Km/h)
	Final speed	92	(Km/h)
	Stopping distance	56	(m)
	Braking time	1.58	(sec)
	Maximum deceleration	2.4	(g)
	Maximum pedal load	50	(Kg)
	Braking power	585	(Kw)