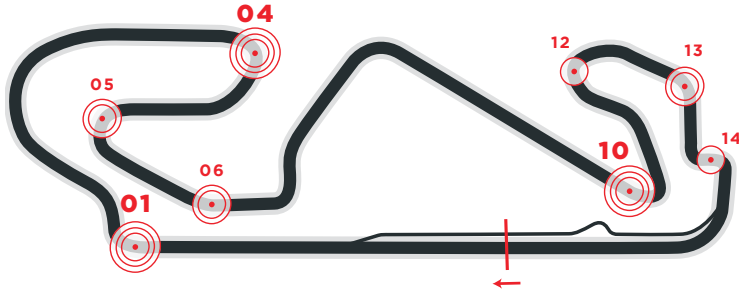




2022 FORMULA 1 PIRELLI GRAN PREMIO DE ESPAÑA



20-22 MAY 2022



BRAKE CIRCUIT IDENTITY CARD

After the phantasmagoric first edition of the Miami GP, Formula 1 returns to Europe for the Spanish GP which will be held at the Circuit de Barcelona-Catalunya for the 32nd year running. The track grip level is always very high for the GPs and the circuit layout and the 1,047 meter (0.6 mile) straight section allow efficient thermal exchange between one braking episode and the next.

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

BRAKES EFFORT MEDIUM

TIME SPENT BRAKING 17%

TURN 10*, TURN 01* AND TURN 04* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

CIRCUIT LENGTH 4.675 M

NUMBER OF LAPS 66

NUMBER OF BRAKE ZONES/LAP 08

01	Initial speed	330	(Km/h)
	Final speed	157	(Km/h)
	Stopping distance	109	(m)
	Braking time	1.81	(sec)
	Maximum deceleration	4.7	(g)
	Maximum pedal load	141	(Kg)
	Braking power	2449	(Kw)

04	Initial speed	282	(Km/h)
	Final speed	151	(Km/h)
	Stopping distance	90	(m)
	Braking time	1.59	(sec)
	Maximum deceleration	4.6	(g)
	Maximum pedal load	140	(Kg)
Braking power	2233	(Kw)	

05	Initial speed	265	(Km/h)
	Final speed	120	(Km/h)
	Stopping distance	88	(m)
	Braking time	1.91	(sec)
	Maximum deceleration	3.8	(g)
	Maximum pedal load	114	(Kg)
Braking power	1623	(Kw)	

06	Initial speed	264	(Km/h)
	Final speed	161	(Km/h)
	Stopping distance	72	(m)
	Braking time	1.27	(sec)
	Maximum deceleration	4.2	(g)
	Maximum pedal load	127	(Kg)
	Braking power	1866	(Kw)

10	Initial speed	316	(Km/h)
	Final speed	117	(Km/h)
	Stopping distance	122	(m)
	Braking time	2.50	(sec)
	Maximum deceleration	4.7	(g)
	Maximum pedal load	144	(Kg)
Braking power	2388	(Kw)	

12	Initial speed	225	(Km/h)
	Final speed	143	(Km/h)
	Stopping distance	70	(m)
	Braking time	1.47	(sec)
	Maximum deceleration	2.4	(g)
	Maximum pedal load	57	(Kg)
Braking power	639	(Kw)	

13	Initial speed	232	(Km/h)
	Final speed	152	(Km/h)
	Stopping distance	64	(m)
	Braking time	1.29	(sec)
	Maximum deceleration	3.7	(g)
	Maximum pedal load	118	(Kg)
	Braking power	1463	(Kw)

14	Initial speed	170	(Km/h)
	Final speed	88	(Km/h)
	Stopping distance	51	(m)
	Braking time	1.53	(sec)
	Maximum deceleration	2.8	(g)
	Maximum pedal load	95	(Kg)
Braking power	682	(Kw)	