

2020 FORMULA 1 EMIRATES GRAND PRIX DE FRANCE

brembo 
18-20 JUN 2021

BRAKE CIRCUIT IDENTITY CARD

BRAKES EFFORT

 LIGHT

TIME SPENT BRAKING

 17%

CIRCUIT LENGTH

 5,842 M

NUMBER OF LAPS

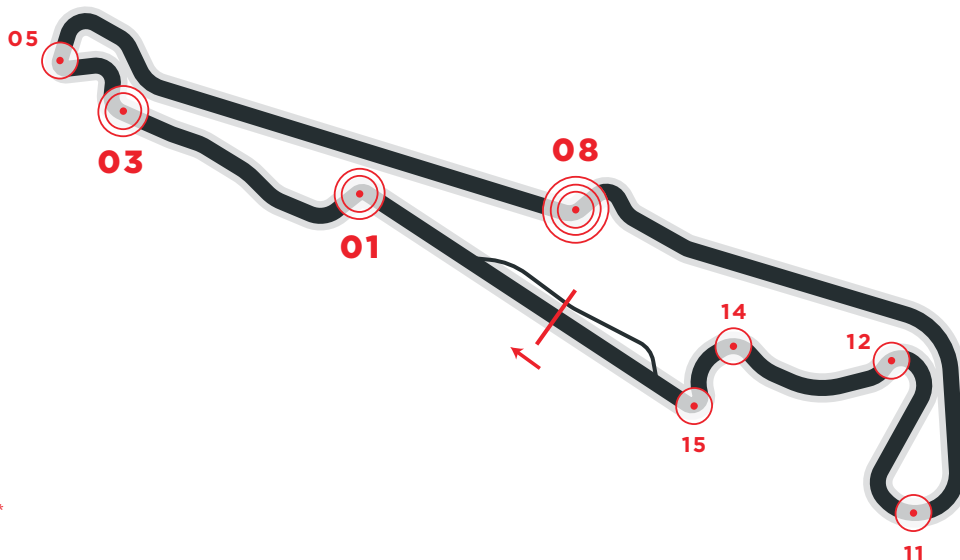
 53

NUMBER OF BRAKE ZONES/LAP

 08

IMPORTANT

TURN 08*, **TURN 01*** and **TURN 03*** are considered the most demanding for the braking system.



With 5,842 meters (3.63 miles) is the fifth longer track in the Championship, after Spa-Francorchamps, Sochi, Silverstone and Baku. Is a very technical track, with an average downforce, fast long turn (like turn 10) and very slow turn (like turn 15) where the Formula 1 car slow down to 90 km/h (56 mph).

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

TURN 01	Initial speed	337	(Km/h)
	Final speed	177	(Km/h)
	Stopping distance	120	(m)
	Braking time	1.79	(sec)
	Maximum deceleration	4.5	(g)
	Maximum pedal load	100	(Kg)
	Braking power	1684	(Kw)

TURN 03	Initial speed	307	(Km/h)
	Final speed	162	(Km/h)
	Stopping distance	117	(m)
	Braking time	1.96	(sec)
	Maximum deceleration	4.1	(g)
	Maximum pedal load	99	(Kg)
	Braking power	1365	(Kw)

TURN 05	Initial speed	153	(Km/h)
	Final speed	97	(Km/h)
	Stopping distance	50	(m)
	Braking time	1.49	(sec)
	Maximum deceleration	2.0	(g)
	Maximum pedal load	40	(Kg)
	Braking power	226	(Kw)

TURN 08	Initial speed	349	(Km/h)
	Final speed	140	(Km/h)
	Stopping distance	126	(m)
	Braking time	2.09	(sec)
	Maximum deceleration	5.3	(g)
	Maximum pedal load	143	(Kg)
	Braking power	2671	(Kw)

TURN 11	Initial speed	304	(Km/h)
	Final speed	174	(Km/h)
	Stopping distance	187	(m)
	Braking time	2.89	(sec)
	Maximum deceleration	1.6	(g)
	Maximum pedal load	59	(Kg)
	Braking power	333	(Kw)

TURN 12	Initial speed	269	(Km/h)
	Final speed	140	(Km/h)
	Stopping distance	123	(m)
	Braking time	2.33	(sec)
	Maximum deceleration	3.2	(g)
	Maximum pedal load	94	(Kg)
	Braking power	839	(Kw)

TURN 14	Initial speed	281	(Km/h)
	Final speed	186	(Km/h)
	Stopping distance	91	(m)
	Braking time	1.42	(sec)
	Maximum deceleration	2.3	(g)
	Maximum pedal load	43	(Kg)
	Braking power	710	(Kw)

TURN 15	Initial speed	171	(Km/h)
	Final speed	87	(Km/h)
	Stopping distance	59	(m)
	Braking time	1.76	(sec)
	Maximum deceleration	2.3	(g)
	Maximum pedal load	53	(Kg)
	Braking power	447	(Kw)