

2021 FORMULA 1 ROLEX TURKISH GRAND PRIX

brembo 
08-10 OCT 2021

BRAKE CIRCUIT IDENTITY CARDS

BRAKES EFFORT

 **MEDIUM**

TIME SPENT BRAKING

 **17%**

CIRCUIT LENGTH

 **5,338 M**

NUMBER OF LAPS

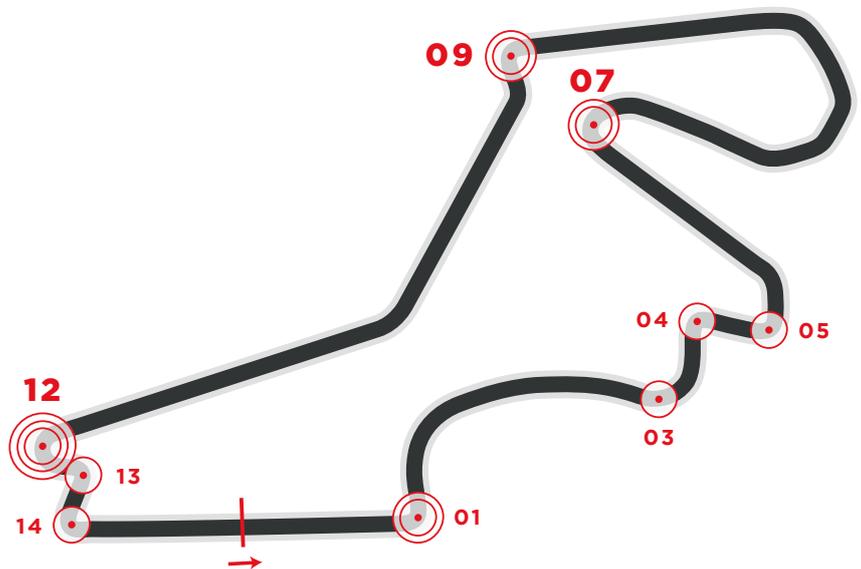
 **58**

NUMBER OF BRAKE ZONES/LAP

 **08**

IMPORTANT

TURN 12*, **TURN 09*** and **TURN 07*** are considered the most demanding for the braking system.



For the second year in a row, Turkey is hosting a Formula 1 World Championship race. According to Brembo technicians, Intercity Istanbul Park is a circuit that presents an average challenge for the brakes. On a scale of one to five, it earned a three on the difficulty index. The Istanbul circuit is particularly undulated, which obviously means a risk of overrunning when coming into a downhill bend, or braking too hard on the uphill ones.

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

01	Initial speed	299	(Km/h)
	Final speed	166	(Km/h)
	Stopping distance	89	(m)
	Braking time	1.51	(sec)
	Maximum deceleration	4.1	(g)

03	Initial speed	279	(Km/h)
	Final speed	199	(Km/h)
	Stopping distance	67	(m)
	Braking time	1.05	(sec)
	Maximum deceleration	3.4	(g)

04	Initial speed	196	(Km/h)
	Final speed	96	(Km/h)
	Stopping distance	72	(m)
	Braking time	1.89	(sec)
	Maximum deceleration	3.3	(g)

05	Initial speed	184	(Km/h)
	Final speed	139	(Km/h)
	Stopping distance	48	(m)
	Braking time	1.15	(sec)
	Maximum deceleration	1.9	(g)

07	Initial speed	279	(Km/h)
	Final speed	120	(Km/h)
	Stopping distance	102	(m)
	Braking time	2.06	(sec)
	Maximum deceleration	4.0	(g)

09	Initial speed	301	(Km/h)
	Final speed	151	(Km/h)
	Stopping distance	98	(m)
	Braking time	1.77	(sec)
	Maximum deceleration	4.3	(g)

12	Initial speed	313	(Km/h)
	Final speed	92	(Km/h)
	Stopping distance	125	(m)
	Braking time	2.82	(sec)
	Maximum deceleration	4.5	(g)

13	Initial speed	135	(Km/h)
	Final speed	92	(Km/h)
	Stopping distance	33	(m)
	Braking time	1.10	(sec)
	Maximum deceleration	2.1	(g)

14	Initial speed	141	(Km/h)
	Final speed	92	(Km/h)
	Stopping distance	40	(m)
	Braking time	1.29	(sec)
	Maximum deceleration	2.3	(g)