

2020 FORMULA 1 DHL TURKISH GRAND PRIX

brembo 
12-15 NOV 2020

BRAKE CIRCUIT IDENTITY CARDS

BRAKES EFFORT

 **MEDIUM**

TIME SPENT BRAKING

 **15%**

CIRCUIT LENGTH

 **5,338 M**

NUMBER OF LAPS

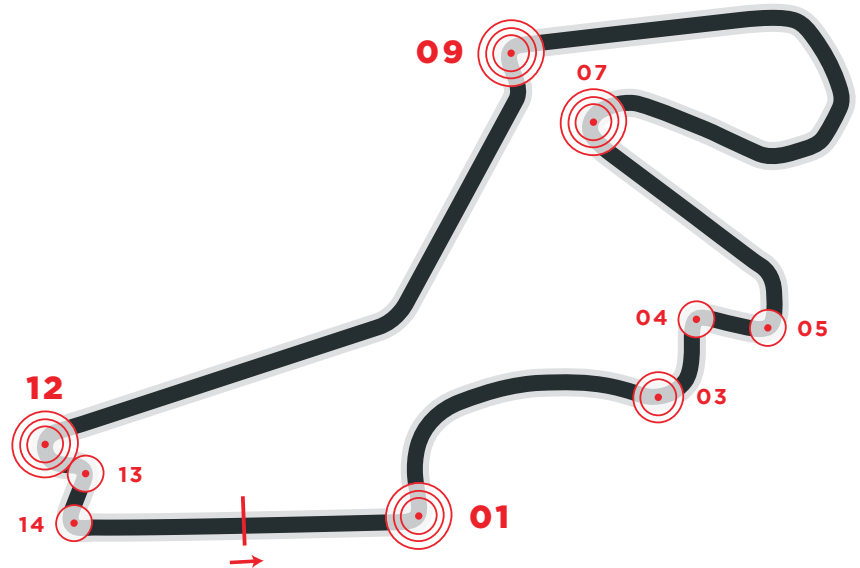
 **58**

NUMBER OF BRAKE ZONES/LAP

 **09**

IMPORTANT

TURN 12*, **TURN 09*** and **TURN 01*** are considered the most demanding for the braking system.



F1 is coming back to Turkey after 9 years, but on the 7 previous occasions the competition was always held between May and August so this year the temperature will be lower.

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.

TURN 01	Initial speed	336	(Km/h)
	Final speed	173	(Km/h)
	Stopping distance	116	(m)
	Braking time	1.82	(sec)
	Maximum deceleration	4.3	(g)
	Maximum pedal load	116	(Kg)
	Braking power	1917	(Kw)

TURN 03	Initial speed	317	(Km/h)
	Final speed	215	(Km/h)
	Stopping distance	75	(m)
	Braking time	0.94	(sec)
	Maximum deceleration	4.8	(g)
	Maximum pedal load	125	(Kg)
	Braking power	1492	(Kw)

TURN 04	Initial speed	233	(Km/h)
	Final speed	104	(Km/h)
	Stopping distance	93	(m)
	Braking time	2.14	(sec)
	Maximum deceleration	3.9	(g)
	Maximum pedal load	117	(Kg)
	Braking power	1048	(Kw)

TURN 05	Initial speed	195	(Km/h)
	Final speed	159	(Km/h)
	Stopping distance	49	(m)
	Braking time	0.69	(sec)
	Maximum deceleration	1.8	(g)
	Maximum pedal load	45	(Kg)
	Braking power	178	(Kw)

TURN 07	Initial speed	311	(Km/h)
	Final speed	137	(Km/h)
	Stopping distance	101	(m)
	Braking time	1.76	(sec)
	Maximum deceleration	4.4	(g)
	Maximum pedal load	128	(Kg)
	Braking power	1854	(Kw)

TURN 09	Initial speed	325	(Km/h)
	Final speed	134	(Km/h)
	Stopping distance	121	(m)
	Braking time	2.19	(sec)
	Maximum deceleration	4.5	(g)
	Maximum pedal load	126	(Kg)
	Braking power	2087	(Kw)

TURN 12	Initial speed	345	(Km/h)
	Final speed	97	(Km/h)
	Stopping distance	138	(m)
	Braking time	2.86	(sec)
	Maximum deceleration	4.9	(g)
	Maximum pedal load	140	(Kg)
	Braking power	2687	(Kw)

TURN 13	Initial speed	135	(Km/h)
	Final speed	96	(Km/h)
	Stopping distance	54	(m)
	Braking time	1.16	(sec)
	Maximum deceleration	1.9	(g)
	Maximum pedal load	64	(Kg)
	Braking power	132	(Kw)

TURN 14	Initial speed	149	(Km/h)
	Final speed	117	(Km/h)
	Stopping distance	54	(m)
	Braking time	0.97	(sec)
	Maximum deceleration	2.1	(g)
	Maximum pedal load	68	(Kg)
	Braking power	146	(Kw)