

2020 FORMULA 1 ARAMCO GROSSER PREIS DER EIFEL

brembo 
09-11 OCT 2020

BRAKE CIRCUIT IDENTITY CARDS

BRAKES EFFORT

 **HARD**

TIME SPENT BRAKING

 **14%**

CIRCUIT LENGTH

 **5,148 M**

NUMBER OF LAPS

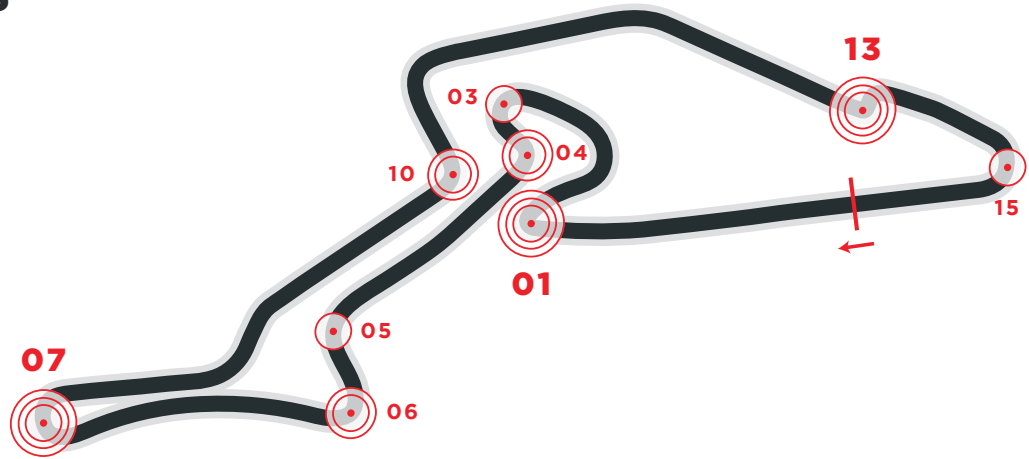
 **60**

NUMBER OF BRAKE ZONES/LAP

 **09**

IMPORTANT

TURN 01*, **TURN 13*** and **TURN 07***
are considered the most demanding
for the braking system.



Formula 1 returns to this track after 7 years: this will therefore be the first time with hybrid engines. The track continuously alternates braking of all kinds that do not facilitate the cooling of the braking systems, even if the ambient temperatures in October and the rain could cause problems in the opposite direction.

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

TURN 01	Initial speed	338	(Km/h)
	Final speed	111	(Km/h)
	Stopping distance	118	(m)
	Braking time	2.32	(sec)
	Maximum deceleration	5.4	(g)
	Maximum pedal load	135	(Kg)
	Braking power	2714	(Kw)

TURN 03	Initial speed	207	(Km/h)
	Final speed	162	(Km/h)
	Stopping distance	54	(m)
	Braking time	0.75	(sec)
	Maximum deceleration	1.9	(g)
	Maximum pedal load	36	(Kg)
	Braking power	247	(Kw)

TURN 04	Initial speed	252	(Km/h)
	Final speed	109	(Km/h)
	Stopping distance	100	(m)
	Braking time	2.14	(sec)
	Maximum deceleration	4.3	(g)
	Maximum pedal load	123	(Kg)
	Braking power	1302	(Kw)

TURN 05	Initial speed	290	(Km/h)
	Final speed	239	(Km/h)
	Stopping distance	41	(m)
	Braking time	0.35	(sec)
	Maximum deceleration	4.4	(g)
	Maximum pedal load	119	(Kg)
	Braking power	795	(Kw)

TURN 06	Initial speed	265	(Km/h)
	Final speed	138	(Km/h)
	Stopping distance	88	(m)
	Braking time	1.63	(sec)
	Maximum deceleration	4.8	(g)
	Maximum pedal load	138	(Kg)
	Braking power	1404	(Kw)

TURN 07	Initial speed	291	(Km/h)
	Final speed	111	(Km/h)
	Stopping distance	108	(m)
	Braking time	2.12	(sec)
	Maximum deceleration	4.7	(g)
	Maximum pedal load	132	(Kg)
	Braking power	1835	(Kw)

TURN 10	Initial speed	300	(Km/h)
	Final speed	205	(Km/h)
	Stopping distance	69	(m)
	Braking time	0.89	(sec)
	Maximum deceleration	4.3	(g)
	Maximum pedal load	106	(Kg)
	Braking power	1234	(Kw)

TURN 13	Initial speed	323	(Km/h)
	Final speed	107	(Km/h)
	Stopping distance	111	(m)
	Braking time	2.18	(sec)
	Maximum deceleration	5.9	(g)
	Maximum pedal load	138	(Kg)
	Braking power	2711	(Kw)

TURN 15	Initial speed	247	(Km/h)
	Final speed	139	(Km/h)
	Stopping distance	83	(m)
	Braking time	1.43	(sec)
	Maximum deceleration	4.5	(g)
	Maximum pedal load	126	(Kg)
	Braking power	1142	(Kw)