

2021 FORMULA 1 HEINEKEN DUTCH GRAND PRIX

brembo 
03-05 SEP 2021

BRAKE CIRCUIT IDENTITY CARD

BRAKES EFFORT

 **MEDIUM**

TIME SPENT BRAKING

 **17%**

CIRCUIT LENGTH

 **4,259 M**

NUMBER OF LAPS

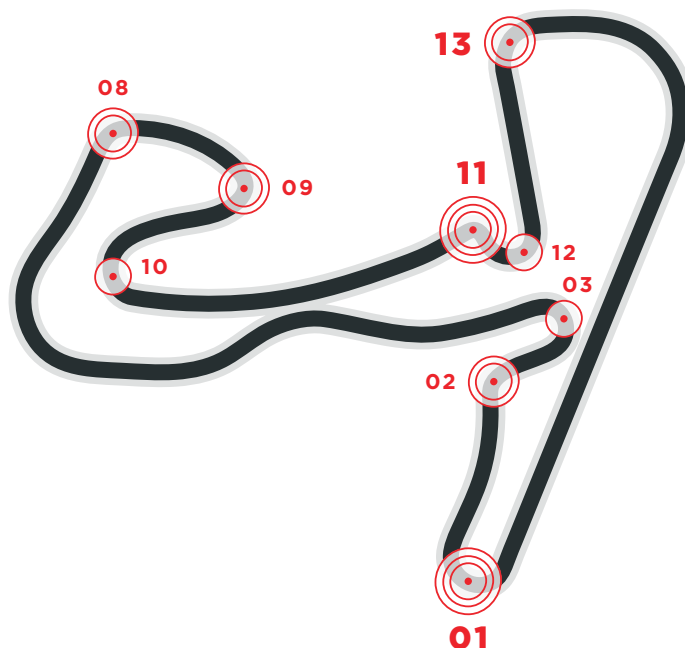
 **72**

NUMBER OF BRAKE ZONES/LAP

 **09**

IMPORTANT

TURN 11*, **TURN 01*** and **TURN 13*** are considered the most demanding for the braking system.



After 36 years of waiting, the Dutch Formula 1 Grand Prix is back. One of the characteristic features of the new circuit is the presence of corners 3 and 14 banked at around 19 degrees. This affects the set-up of the single-seaters which in turn affects the functioning of the brakes.

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

TURN 01	Initial speed	331	(Km/h)
	Final speed	126	(Km/h)
	Stopping distance	105	(m)
	Braking time	2.04	(sec)
	Maximum deceleration	4.6	(g)
	Maximum pedal load	122	(Kg)
	Braking power	2596	(Kw)

TURN 02	Initial speed	263	(Km/h)
	Final speed	194	(Km/h)
	Stopping distance	60	(m)
	Braking time	0.48	(sec)
	Maximum deceleration	4.1	(g)
	Maximum pedal load	25	(Kg)
	Braking power	1253	(Kw)

TURN 03	Initial speed	217	(Km/h)
	Final speed	107	(Km/h)
	Stopping distance	87	(m)
	Braking time	1.94	(sec)
	Maximum deceleration	3.2	(g)
	Maximum pedal load	81	(Kg)
	Braking power	694	(Kw)

TURN 08	Initial speed	289	(Km/h)
	Final speed	204	(Km/h)
	Stopping distance	72	(m)
	Braking time	0.75	(sec)
	Maximum deceleration	3.5	(g)
	Maximum pedal load	34	(Kg)
	Braking power	1299	(Kw)

TURN 09	Initial speed	260	(Km/h)
	Final speed	110	(Km/h)
	Stopping distance	92	(m)
	Braking time	1.87	(sec)
	Maximum deceleration	3.8	(g)
	Maximum pedal load	91	(Kg)
	Braking power	1254	(Kw)

TURN 10	Initial speed	232	(Km/h)
	Final speed	143	(Km/h)
	Stopping distance	79	(m)
	Braking time	1.30	(sec)
	Maximum deceleration	3.0	(g)
	Maximum pedal load	50	(Kg)
	Braking power	734	(Kw)

TURN 11	Initial speed	313	(Km/h)
	Final speed	99	(Km/h)
	Stopping distance	105	(m)
	Braking time	2.25	(sec)
	Maximum deceleration	4.8	(g)
	Maximum pedal load	139	(Kg)
	Braking power	2500	(Kw)

TURN 12	Initial speed	131	(Km/h)
	Final speed	103	(Km/h)
	Stopping distance	58	(m)
	Braking time	0.80	(sec)
	Maximum deceleration	1.3	(g)
	Maximum pedal load	14	(Kg)
	Braking power	77	(Kw)

TURN 13	Initial speed	266	(Km/h)
	Final speed	174	(Km/h)
	Stopping distance	72	(m)
	Braking time	0.84	(sec)
	Maximum deceleration	4.1	(g)
	Maximum pedal load	45	(Kg)
	Braking power	1316	(Kw)