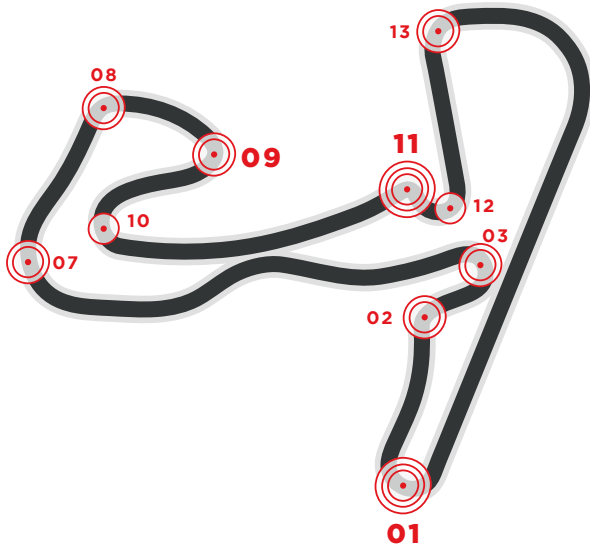




2022 FORMULA 1 HEINEKEN DUTCH GRAND PRIX



02-04 SEP 2022



BRAKE CIRCUIT IDENTITY CARD

After its big success with the public last year when it was the European GP with the second largest number of spectators attending over the weekend, the Dutch GP does it again. 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.

BRAKES EFFORT MEDIUM

TIME SPENT BRAKING 16%

TURN 01*, TURN 11* AND TURN 09* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

CIRCUIT LENGTH **4.259 M**

NUMBER OF LAPS **72**

NUMBER OF BRAKE ZONES/LAP **10**

01	Initial speed	317	(Km/h)
	Final speed	133	(Km/h)
	Stopping distance	111	(m)
	Braking time	1.99	(sec)
	Maximum deceleration	4.8	(g)
	Maximum pedal load	142	(Kg)
	Braking power	2541	(Kw)

02	Initial speed	253	(Km/h)
	Final speed	214	(Km/h)
	Stopping distance	32	(m)
	Braking time	0.50	(sec)
	Maximum deceleration	3.4	(g)
	Maximum pedal load	99	(Kg)
	Braking power	1347	(Kw)

03	Initial speed	222	(Km/h)
	Final speed	149	(Km/h)
	Stopping distance	49	(m)
	Braking time	1.01	(sec)
	Maximum deceleration	3.4	(g)
	Maximum pedal load	110	(Kg)
	Braking power	1209	(Kw)

07	Initial speed	289	(Km/h)
	Final speed	263	(Km/h)
	Stopping distance	27	(m)
	Braking time	0.35	(sec)
	Maximum deceleration	3.1	(g)
	Maximum pedal load	73	(Kg)
	Braking power	1143	(Kw)

08	Initial speed	271	(Km/h)
	Final speed	244	(Km/h)
	Stopping distance	23	(m)
	Braking time	0.33	(sec)
	Maximum deceleration	3.5	(g)
	Maximum pedal load	97	(Kg)
	Braking power	1440	(Kw)

09	Initial speed	247	(Km/h)
	Final speed	115	(Km/h)
	Stopping distance	97	(m)
	Braking time	2.09	(sec)
	Maximum deceleration	3.7	(g)
	Maximum pedal load	112	(Kg)
	Braking power	1523	(Kw)

10	Initial speed	216	(Km/h)
	Final speed	147	(Km/h)
	Stopping distance	61	(m)
	Braking time	1.24	(sec)
	Maximum deceleration	2.5	(g)
	Maximum pedal load	65	(Kg)
	Braking power	729	(Kw)

11	Initial speed	292	(Km/h)
	Final speed	124	(Km/h)
	Stopping distance	102	(m)
	Braking time	2.02	(sec)
	Maximum deceleration	4.7	(g)
	Maximum pedal load	142	(Kg)
	Braking power	2349	(Kw)

12	Initial speed	137	(Km/h)
	Final speed	106	(Km/h)
	Stopping distance	24	(m)
	Braking time	0.76	(sec)
	Maximum deceleration	2.1	(g)
	Maximum pedal load	71	(Kg)
	Braking power	435	(Kw)

13	Initial speed	247	(Km/h)
	Final speed	189	(Km/h)
	Stopping distance	46	(m)
	Braking time	0.76	(sec)
	Maximum deceleration	3.5	(g)
	Maximum pedal load	104	(Kg)
	Braking power	1427	(Kw)