

2019 FORMULA 1 JOHNNIE WALKER BELGIAN GRAND PRIX

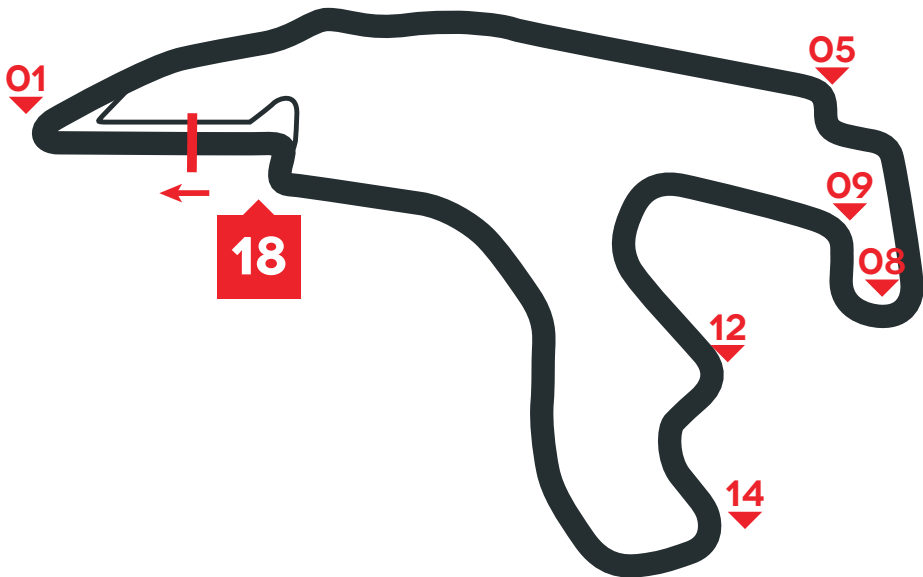
BRAKES EFFORT **HARD**

TIME SPENT BRAKING **13%**

**BRAKE CIRCUIT
IDENTITY CARDS**
30 AUG-01 SEP 2019



At just over seven kilometres, this is the longest track of the season. Despite the presence of two braking sections (the "Les Combes" at the end of the Kemmel straight lines and the "Bus stop" chicane right before the finish line) which are characterised by extremely high energy forces, the rest of the track is rather light on the braking system because it is characterised by fast turns that translate into not-so-demanding braking and ensure excellent cooling of the system itself. Especially in adverse weather conditions, a situation which is quite common in this region, problems connected to excessive cooling can occur.



CIRCUIT DATA

Length: **7,004 m** - Number of laps: **44**
Number of brake zones/lap: **08**

IMPORTANT

***TURN 18** is considered the most demanding for the braking system.

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

01		
Initial speed	303	(Km/h)
Final speed	85	(Km/h)
Stopping distance	116	(m)
Braking time	2.52	(sec)
Maximum deceleration	5.3	(g)
Maximum pedal load	171	(Kg)
Braking power	2420	(Kw)

09		
Initial speed	225	(Km/h)
Final speed	202	(Km/h)
Stopping distance	28	(m)
Braking time	0.48	(sec)
Maximum deceleration	0.9	(g)
Maximum pedal load	6	(Kg)
Braking power	76	(Kw)

18*		
Initial speed	321	(Km/h)
Final speed	91	(Km/h)
Stopping distance	128	(m)
Braking time	2.71	(sec)
Maximum deceleration	5.8	(g)
Maximum pedal load	202	(Kg)
Braking power	2756	(Kw)

05		
Initial speed	339	(Km/h)
Final speed	164	(Km/h)
Stopping distance	127	(m)
Braking time	1.99	(sec)
Maximum deceleration	4.9	(g)
Maximum pedal load	126	(Kg)
Braking power	2239	(Kw)

12		
Initial speed	314	(Km/h)
Final speed	188	(Km/h)
Stopping distance	113	(m)
Braking time	1.72	(sec)
Maximum deceleration	4.2	(g)
Maximum pedal load	93	(Kg)
Braking power	1327	(Kw)

08		
Initial speed	289	(Km/h)
Final speed	123	(Km/h)
Stopping distance	123	(m)
Braking time	2.42	(sec)
Maximum deceleration	4.5	(g)
Maximum pedal load	141	(Kg)
Braking power	1699	(Kw)

14		
Initial speed	268	(Km/h)
Final speed	168	(Km/h)
Stopping distance	74	(m)
Braking time	1.28	(sec)
Maximum deceleration	4.0	(g)
Maximum pedal load	66	(Kg)
Braking power	1089	(Kw)