

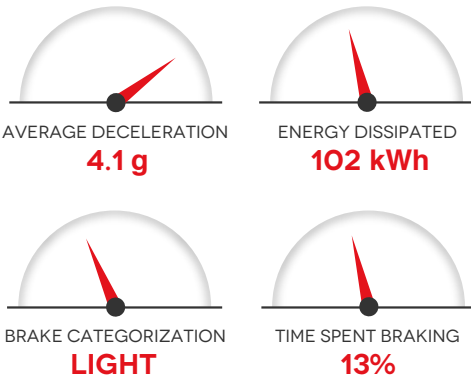


F1 | BRAKE CIRCUIT IDENTITY CARDS

2016 FORMULA 1
BELGIAN GRAND PRIX

26-28 AUG 2016

CIRCUIT DE SPA-FRANCORCHAMPS (SPA-FRANCORCHAMPS)



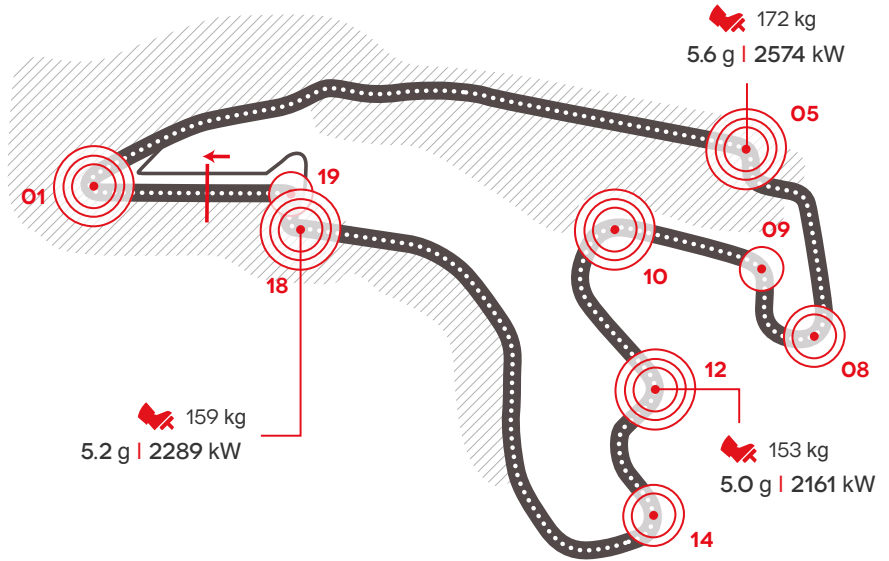
CIRCUIT DATA

Length: 7,004 m
Number of laps: 44
Number of brake zones/lap: 9

COMMENT

At just under 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.

*** Turn 05 is considered the most demanding for the braking system.**



01

Initial speed	302	(Km/h)
Final speed	72	(Km/h)
Stopping distance	131	(m)
Braking time	1.51	(sec)
Maximum deceleration	4.5	(g)
Maximum pedal load	139	(Kg)
Braking power	1826	(Kw)

08

Initial speed	286	(Km/h)
Final speed	110	(Km/h)
Stopping distance	88	(m)
Braking time	1.05	(sec)
Maximum deceleration	4.1	(g)
Maximum pedal load	131	(Kg)
Braking power	1557	(Kw)

10

Initial speed	314	(Km/h)
Final speed	216	(Km/h)
Stopping distance	26	(m)
Braking time	0.76	(sec)
Maximum deceleration	4.8	(g)
Maximum pedal load	149	(Kg)
Braking power	2020	(Kw)

14

Initial speed	262	(Km/h)
Final speed	138	(Km/h)
Stopping distance	82	(m)
Braking time	1.03	(sec)
Maximum deceleration	3.6	(g)
Maximum pedal load	114	(Kg)
Braking power	1249	(Kw)

19

Initial speed	92	(Km/h)
Final speed	73	(Km/h)
Stopping distance	43	(m)
Braking time	0.83	(sec)
Maximum deceleration	1.1	(g)
Maximum pedal load	38	(Kg)
Braking power	141	(Kw)

05*

Initial speed	346	(Km/h)
Final speed	136	(Km/h)
Stopping distance	118	(m)
Braking time	1.23	(sec)
Maximum deceleration	5.6	(g)
Maximum pedal load	172	(Kg)
Braking power	2574	(Kw)

09

Initial speed	215	(Km/h)
Final speed	148	(Km/h)
Stopping distance	52	(m)
Braking time	0.82	(sec)
Maximum deceleration	2.7	(g)
Maximum pedal load	84	(Kg)
Braking power	692	(Kw)

12

Initial speed	323	(Km/h)
Final speed	152	(Km/h)
Stopping distance	98	(m)
Braking time	1.08	(sec)
Maximum deceleration	5.0	(g)
Maximum pedal load	153	(Kg)
Braking power	2161	(Kw)

18

Initial speed	331	(Km/h)
Final speed	79	(Km/h)
Stopping distance	138	(m)
Braking time	1.51	(sec)
Maximum deceleration	5.2	(g)
Maximum pedal load	159	(Kg)
Braking power	2289	(Kw)