



CIRCUIT DATA

Length: 7,004 m
Number of laps: 44
Type of circuit: Light
Number of brakings: 9
Time spent under braking per lap: 11%

CIRCUIT DE SPA-FRANCORCHAMPS (SPA-FRANCORCHAMPS)

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

01

Initial speed	287	(Km/h)
Final speed	73	(Km/h)
Stopping distance	108	(m)
Braking time	2.24	(sec)
Maximum deceleration	4.42	(g)
Maximum pedal load	108	(Kg)
Braking power	1622	(Kw)

08

Initial speed	272	(Km/h)
Final speed	122	(Km/h)
Stopping distance	61	(m)
Braking time	1.03	(sec)
Maximum deceleration	4.09	(g)
Maximum pedal load	102	(Kg)
Braking power	1412	(Kw)

10

Initial speed	298	(Km/h)
Final speed	259	(Km/h)
Stopping distance	20	(m)
Braking time	0.26	(sec)
Maximum deceleration	4.68	(g)
Maximum pedal load	115	(Kg)
Braking power	1774	(Kw)

14

Initial speed	251	(Km/h)
Final speed	158	(Km/h)
Stopping distance	54	(m)
Braking time	0.96	(sec)
Maximum deceleration	3.63	(g)
Maximum pedal load	90	(Kg)
Braking power	1171	(Kw)

19

Initial speed	97	(Km/h)
Final speed	74	(Km/h)
Stopping distance	11	(m)
Braking time	0.46	(sec)
Maximum deceleration	1.47	(g)
Maximum pedal load	36	(Kg)
Braking power	189	(Kw)

05

Initial speed	327	(Km/h)
Final speed	155	(Km/h)
Stopping distance	94	(m)
Braking time	1.50	(sec)
Maximum deceleration	5.41	(g)
Maximum pedal load	131	(Kg)
Braking power	2207	(Kw)

09

Initial speed	208	(Km/h)
Final speed	171	(Km/h)
Stopping distance	21	(m)
Braking time	0.41	(sec)
Maximum deceleration	2.82	(g)
Maximum pedal load	69	(Kg)
Braking power	736	(Kw)

12

Initial speed	306	(Km/h)
Final speed	176	(Km/h)
Stopping distance	72	(m)
Braking time	1.11	(sec)
Maximum deceleration	4.87	(g)
Maximum pedal load	118	(Kg)
Braking power	1884	(Kw)

18*

Initial speed	313	(Km/h)
Final speed	82	(Km/h)
Stopping distance	116	(m)
Braking time	2.22	(sec)
Maximum deceleration	5.04	(g)
Maximum pedal load	122	(Kg)
Braking power	1984	(Kw)