

2019 FORMULA 1

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BRAKES EFFORT **MEDIUM**

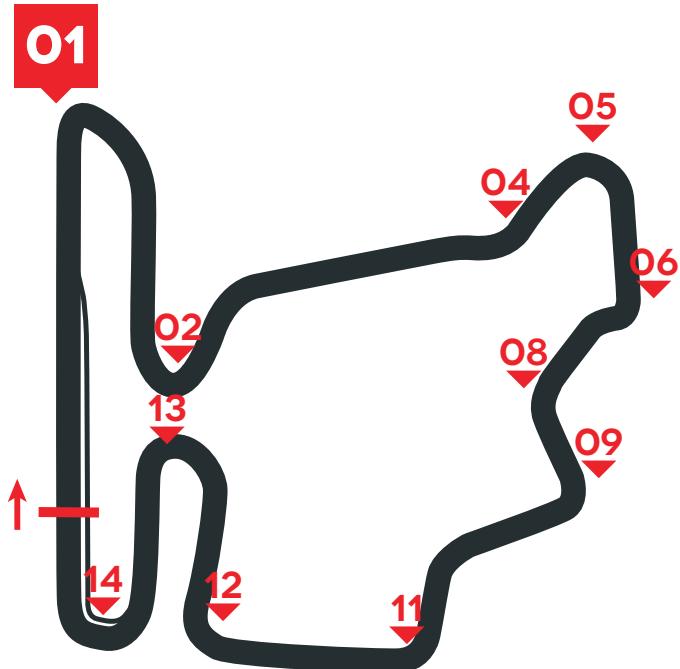
TIME SPENT BRAKING **23%**



BRAKE CIRCUIT

IDENTITY CARDS

02-04 AUG 2019



CIRCUIT DATA

Length: **4,381 m** - Number of laps: **70**
Number of brake zones/lap: **11**

IMPORTANT

***TURN 01** is considered the most demanding for the braking system.

brembo DATA

A winding circuit, it is characterised by the high aerodynamic load and most of it is quite driven, but with a rather demanding braking section right after the main straight stretch. This track can be numbered among the most demanding for braking systems, even if friction material temperature management on this track is in any case the key to managing the race and ensuring consistent performance and wear kept under control.

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

01*	
Initial speed	335 (Km/h)
Final speed	107 (Km/h)
Stopping distance	134 (m)
Braking time	2.57 (sec)
Maximum deceleration	5.4 (g)
Maximum pedal load	179 (Kg)
Braking power	3094 (Kw)

02	
Initial speed	298 (Km/h)
Final speed	131 (Km/h)
Stopping distance	126 (m)
Braking time	2.40 (sec)
Maximum deceleration	4.5 (g)
Maximum pedal load	141 (Kg)
Braking power	1786 (Kw)

04	
Initial speed	302 (Km/h)
Final speed	233 (Km/h)
Stopping distance	67 (m)
Braking time	0.92 (sec)
Maximum deceleration	2.8 (g)
Maximum pedal load	33 (Kg)
Braking power	623 (Kw)

05	
Initial speed	264 (Km/h)
Final speed	164 (Km/h)
Stopping distance	79 (m)
Braking time	1.38 (sec)
Maximum deceleration	3.2 (g)
Maximum pedal load	58 (Kg)
Braking power	940 (Kw)

06	
Initial speed	261 (Km/h)
Final speed	112 (Km/h)
Stopping distance	88 (m)
Braking time	1.82 (sec)
Maximum deceleration	3.5 (g)
Maximum pedal load	81 (Kg)
Braking power	1620 (Kw)

08	
Initial speed	222 (Km/h)
Final speed	180 (Km/h)
Stopping distance	46 (m)
Braking time	0.82 (sec)
Maximum deceleration	1.6 (g)
Maximum pedal load	17 (Kg)
Braking power	185 (Kw)

09	
Initial speed	200 (Km/h)
Final speed	161 (Km/h)
Stopping distance	49 (m)
Braking time	0.98 (sec)
Maximum deceleration	1.6 (g)
Maximum pedal load	20 (Kg)
Braking power	203 (Kw)

11	
Initial speed	274 (Km/h)
Final speed	229 (Km/h)
Stopping distance	55 (m)
Braking time	0.78 (sec)
Maximum deceleration	1.5 (g)
Maximum pedal load	15 (Kg)
Braking power	204 (Kw)

12	
Initial speed	294 (Km/h)
Final speed	123 (Km/h)
Stopping distance	102 (m)
Braking time	1.97 (sec)
Maximum deceleration	4.5 (g)
Maximum pedal load	115 (Kg)
Braking power	2069 (Kw)

13	
Initial speed	233 (Km/h)
Final speed	105 (Km/h)
Stopping distance	99 (m)
Braking time	2.30 (sec)
Maximum deceleration	3.0 (g)
Maximum pedal load	90 (Kg)
Braking power	927 (Kw)

14	
Initial speed	227 (Km/h)
Final speed	147 (Km/h)
Stopping distance	89 (m)
Braking time	1.76 (sec)
Maximum deceleration	1.9 (g)
Maximum pedal load	44 (Kg)
Braking power	487 (Kw)