

# BRAKE CIRCUIT IDENTITY CARD

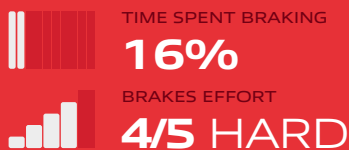
## 09 CIRCUIT GILLES-VILLENEUVE

4,361 m / 70 laps

With a minimum of 300,000 spectators expected in the grandstands of the Circuit Gilles Villeneuve - last year they were 345,000 - the Canadian GP is the most watched sporting event in the entire country.

The track is located on the Isle of Notre-Dame, artificially created in 1965 on the Saint Lawrence River during the construction of the Montreal Metro.

Hard and close braking puts a lot of stress on the braking system, with very high operating temperatures for discs and pads, fortunately mitigated by the presence of some long straights which give the components some breathing room.

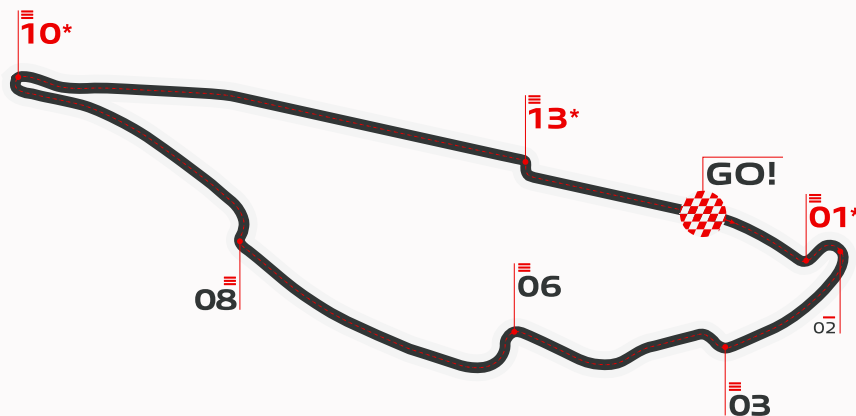


\* Turn 10, Turn 13 & Turn 01 are considered the most demanding for the braking system.

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

# FORMULA 1 GRAND PRIX DU CANADA

Canada 7<sup>th</sup> June - 9<sup>th</sup> June 2024



**TURN 01\***

Initial Speed km/h	301
Final Speed km/h	169
Stopping Distance m	72
Braking Time sec	1.18
Maximum Deceleration g	5.1
Max Force on Lever kg	157
Braking Power kW	2701

**TURN 02**

Initial Speed km/h	147
Final Speed km/h	74
Stopping Distance m	42
Braking Time sec	1.40
Maximum Deceleration g	2.4
Max Force on Lever kg	72
Braking Power kW	530

**TURN 03**

Initial Speed km/h	264
Final Speed km/h	150
Stopping Distance m	65
Braking Time sec	1.25
Maximum Deceleration g	4.7
Max Force on Lever kg	148
Braking Power kW	2159

**TURN 06**

Initial Speed km/h	269
Final Speed km/h	103
Stopping Distance m	84
Braking Time sec	1.88
Maximum Deceleration g	5.0
Max Force on Lever kg	158
Braking Power kW	2424

**TURN 08**

Initial Speed km/h	307
Final Speed km/h	139
Stopping Distance m	81
Braking Time sec	1.49
Maximum Deceleration g	5.1
Max Force on Lever kg	159
Braking Power kW	2694

**TURN 10\***

Initial Speed km/h	290
Final Speed km/h	74
Stopping Distance m	99
Braking Time sec	2.54
Maximum Deceleration g	5.1
Max Force on Lever kg	160
Braking Power kW	2613

**TURN 13\***

Initial Speed km/h	317
Final Speed km/h	144
Stopping Distance m	87
Braking Time sec	1.52
Maximum Deceleration g	5.1
Max Force on Lever kg	159
Braking Power kW	2752