



## BRAKE CIRCUIT IDENTITY CARD

CIRCUIT GILLES-VILLENEUVE

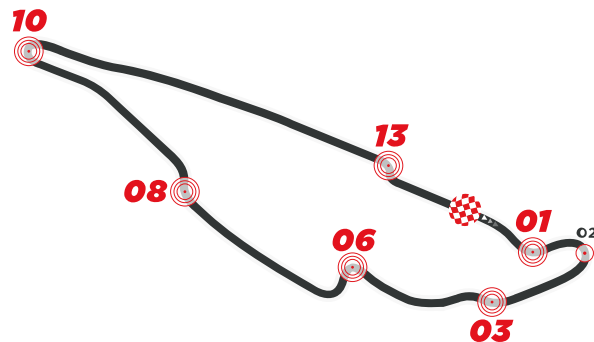
With a minimum of 300,000 spectators expected in the grandstands of the Circuit Gilles Villeneuve - last year they were 338,000 - the Canadian GP is the most watched sporting event in the entire country. The track is located on the Isle of Notre-Dame, artificially created in 1965 on the Saint Lawrence 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.

SHOULD YOU PUBLISH ANY OF THE DATA CONTAINED HERE PLEASE QUOTE BREMBO AS SOURCE USED.

# FORMULA 1

16-18 JUN 2023 @ GRAND PRIX DU CANADA

CIRCUIT LENGTH: **4.361 Km**  
 NUMBER OF LAPS: **70**



TIME SPENT BRAKING:  
**16%**

**TURN 10\*, TURN 13\*  
& TURN 01\***  
ARE CONSIDERED THE  
MOST DEMANDING FOR THE  
BRAKING SYSTEM

BRAKES EFFORT:  
**HARD**



### 07 BRAKE ZONES / LAP

<b>01</b> TURN	Initial Speed (km/h)	294
	Final Speed (km/h)	148
	Stopping Distance (m)	97
	Braking Time (sec)	1.76
	Maximum Deceleration (g)	4.8
	Maximum Pedal Load (kg)	147
	Braking Power (kW)	2505

<b>02</b> TURN	Initial Speed (km/h)	153
	Final Speed (km/h)	82
	Stopping Distance (m)	41
	Braking Time (sec)	1.35
	Maximum Deceleration (g)	2.5
	Maximum Pedal Load (kg)	87
	Braking Power (kW)	575

<b>03</b> TURN	Initial Speed (km/h)	254
	Final Speed (km/h)	142
	Stopping Distance (m)	67
	Braking Time (sec)	1.32
	Maximum Deceleration (g)	4.4
	Maximum Pedal Load (kg)	139
	Braking Power (kW)	1997

<b>06</b> TURN	Initial Speed (km/h)	266
	Final Speed (km/h)	103
	Stopping Distance (m)	85
	Braking Time (sec)	1.87
	Maximum Deceleration (g)	4.7
	Maximum Pedal Load (kg)	146
	Braking Power (kW)	2244

<b>08</b> TURN	Initial Speed (km/h)	298
	Final Speed (km/h)	132
	Stopping Distance (m)	85
	Braking Time (sec)	1.57
	Maximum Deceleration (g)	4.8
	Maximum Pedal Load (kg)	147
	Braking Power (kW)	2488

<b>10</b> TURN	Initial Speed (km/h)	290
	Final Speed (km/h)	74
	Stopping Distance (m)	100
	Braking Time (sec)	2.55
	Maximum Deceleration (g)	4.7
	Maximum Pedal Load (kg)	146
	Braking Power (kW)	2355

<b>13</b> TURN	Initial Speed (km/h)	309
	Final Speed (km/h)	141
	Stopping Distance (m)	88
	Braking Time (sec)	1.54
	Maximum Deceleration (g)	4.9
	Maximum Pedal Load (kg)	147
	Braking Power (kW)	2631