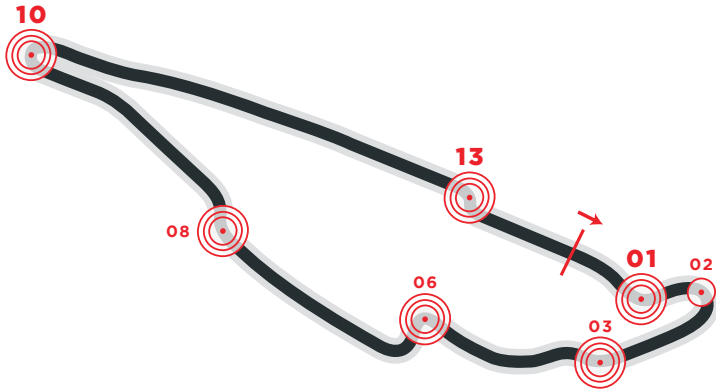




2022 FORMULA 1 GRAND PRIX DU CANADA



17-19 JUN 2022



BRAKE CIRCUIT IDENTITY CARD

After missing two editions because of the pandemic, Formula 1 returns to Canada on the circuit named after Gilles Villeneuve, with this year the 40th anniversary of his death.

The braking points which are very sharp and close together subject the brake system to a lot of stress with the brake discs and pads reaching very high temperatures which are however reduced by a number of long straight sections which give the components a rest and allow them to cool down.

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

BRAKES EFFORT HARD

TIME SPENT BRAKING 18%

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

CIRCUIT LENGTH **4.361 M**

NUMBER OF LAPS **70**

NUMBER OF BRAKE ZONES/LAP **07**

01	Initial speed	311	(Km/h)
	Final speed	159	(Km/h)
	Stopping distance	90	(m)
	Braking time	1.51	(sec)
	Maximum deceleration	4.8	(g)
	Maximum pedal load	147	(Kg)
	Braking power	2491	(Kw)

02	Initial speed	155	(Km/h)
	Final speed	73	(Km/h)
	Stopping distance	51	(m)
	Braking time	1.63	(sec)
	Maximum deceleration	2.7	(g)
	Maximum pedal load	90	(Kg)
	Braking power	584	(Kw)

03	Initial speed	269	(Km/h)
	Final speed	138	(Km/h)
	Stopping distance	82	(m)
	Braking time	1.59	(sec)
	Maximum deceleration	4.4	(g)
	Maximum pedal load	137	(Kg)
	Braking power	2014	(Kw)

06	Initial speed	276	(Km/h)
	Final speed	107	(Km/h)
	Stopping distance	91	(m)
	Braking time	1.98	(sec)
	Maximum deceleration	4.8	(g)
	Maximum pedal load	148	(Kg)
	Braking power	2271	(Kw)

08	Initial speed	319	(Km/h)
	Final speed	128	(Km/h)
	Stopping distance	103	(m)
	Braking time	1.98	(sec)
	Maximum deceleration	4.8	(g)
	Maximum pedal load	148	(Kg)
	Braking power	2409	(Kw)

10	Initial speed	284	(Km/h)
	Final speed	63	(Km/h)
	Stopping distance	101	(m)
	Braking time	2.47	(sec)
	Maximum deceleration	4.8	(g)
	Maximum pedal load	148	(Kg)
	Braking power	2414	(Kw)

13	Initial speed	329	(Km/h)
	Final speed	142	(Km/h)
	Stopping distance	109	(m)
	Braking time	1.88	(sec)
	Maximum deceleration	4.8	(g)
	Maximum pedal load	148	(Kg)
	Braking power	2493	(Kw)