



BRAKE CIRCUIT IDENTITY CARD

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The layout of the Mexico City track, along with the high altitude, imply very high temperature conditions for discs and pads, making the circuit one of the most critical in terms of temperature management.

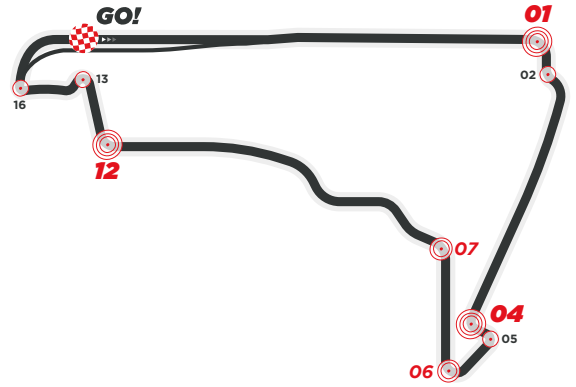
The engines in the single-seaters, being turbocharged, do not suffer from the altitude, guaranteeing the same performance as at sea level, whereas the air used to cool the brakes is decidedly less efficient due to the lower density.

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

FORMULA 1

27-29 OCT 2023 @ GRAN PREMIO DE LA CIUDAD DE MÉXICO

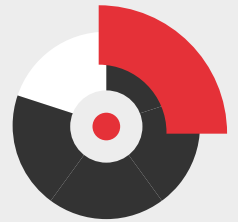
CIRCUIT LENGTH: **4.304 Km**
NUMBER OF LAPS: **71**



TIME SPENT BRAKING:
21%

**TURN 01*, TURN 04*
& TURN 12***
ARE CONSIDERED THE
MOST DEMANDING FOR THE
BRAKING SYSTEM

BRAKES EFFORT:
HARD



09 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	343
	Final Speed (km/h)	113
	Stopping Distance (m)	147
	Braking Time (sec)	2.68
	Maximum Deceleration (g)	4.1
	Maximum Pedal Load (kg)	128
	Braking Power (kW)	2358

02 TURN	Initial Speed (km/h)	132
	Final Speed (km/h)	101
	Stopping Distance (m)	23
	Braking Time (sec)	0.75
	Maximum Deceleration (g)	2.1
	Maximum Pedal Load (kg)	72
	Braking Power (kW)	424

04 TURN	Initial Speed (km/h)	318
	Final Speed (km/h)	97
	Stopping Distance (m)	129
	Braking Time (sec)	2.65
	Maximum Deceleration (g)	4.1
	Maximum Pedal Load (kg)	124
	Braking Power (kW)	2216

05 TURN	Initial Speed (km/h)	162
	Final Speed (km/h)	78
	Stopping Distance (m)	61
	Braking Time (sec)	1.92
	Maximum Deceleration (g)	2.6
	Maximum Pedal Load (kg)	88
	Braking Power (kW)	728

06 TURN	Initial Speed (km/h)	258
	Final Speed (km/h)	175
	Stopping Distance (m)	68
	Braking Time (sec)	1.20
	Maximum Deceleration (g)	3.4
	Maximum Pedal Load (kg)	106
	Braking Power (kW)	1485

07 TURN	Initial Speed (km/h)	246
	Final Speed (km/h)	158
	Stopping Distance (m)	75
	Braking Time (sec)	1.38
	Maximum Deceleration (g)	3.7
	Maximum Pedal Load (kg)	119
	Braking Power (kW)	1611

12 TURN	Initial Speed (km/h)	309
	Final Speed (km/h)	133
	Stopping Distance (m)	117
	Braking Time (sec)	2.09
	Maximum Deceleration (g)	4.1
	Maximum Pedal Load (kg)	124
	Braking Power (kW)	2191

13 TURN	Initial Speed (km/h)	197
	Final Speed (km/h)	76
	Stopping Distance (m)	75
	Braking Time (sec)	2.36
	Maximum Deceleration (g)	3.0
	Maximum Pedal Load (kg)	99
	Braking Power (kW)	976

16 TURN	Initial Speed (km/h)	170
	Final Speed (km/h)	97
	Stopping Distance (m)	53
	Braking Time (sec)	1.51
	Maximum Deceleration (g)	2.5
	Maximum Pedal Load (kg)	84
	Braking Power (kW)	646