

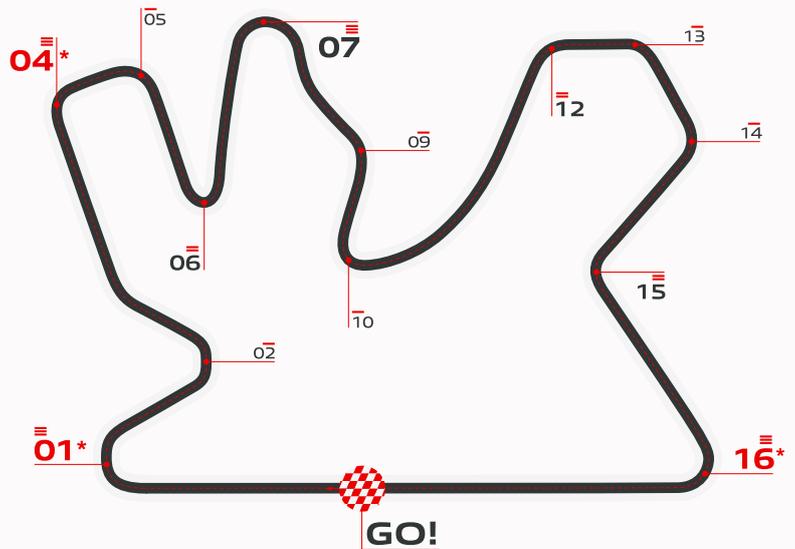
# BRAKE CIRCUIT IDENTITY CARD

## 01 LOSAIL INTERNATIONAL CIRCUIT

5,380 m / 22 laps

The Losail International Circuit, located just north of Doha, Qatar, is highly demanding on the braking system.

Brakes are needed on 13 of the 16 corners at the Losail International Circuit: this is the highest value of the season.



\* Turn 01, Turn 16 & Turn 04 are considered the most demanding for the braking system.

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

**TURN 01\***

Initial Speed km/h	346
Final Speed km/h	99
Stopping Distance m	294
Braking Time sec	5.3
Maximum Deceleration g	1.5
Max Force on Lever kg	5.2
Brake Pressure bar	11.2

**TURN 02**

Initial Speed km/h	181
Final Speed km/h	100
Stopping Distance m	135
Braking Time sec	3.5
Maximum Deceleration g	0.9
Max Force on Lever kg	3.0
Brake Pressure bar	6.5

**TURN 04\***

Initial Speed km/h	261
Final Speed km/h	120
Stopping Distance m	184
Braking Time sec	3.7
Maximum Deceleration g	1.5
Max Force on Lever kg	4.4
Brake Pressure bar	9.4

**TURN 05**

Initial Speed km/h	146
Final Speed km/h	121
Stopping Distance m	50
Braking Time sec	1.3
Maximum Deceleration g	0.7
Max Force on Lever kg	1.8
Brake Pressure bar	3.9

**TURN 06**

Initial Speed km/h	191
Final Speed km/h	73
Stopping Distance m	135
Braking Time sec	3.8
Maximum Deceleration g	1.0
Max Force on Lever kg	3.3
Brake Pressure bar	7.1

**TURN 07**

Initial Speed km/h	221
Final Speed km/h	98
Stopping Distance m	158
Braking Time sec	3.8
Maximum Deceleration g	1.4
Max Force on Lever kg	4.5
Brake Pressure bar	9.6

**TURN 09**

Initial Speed km/h	201
Final Speed km/h	134
Stopping Distance m	109
Braking Time sec	2.3
Maximum Deceleration g	0.9
Max Force on Lever kg	3.2
Brake Pressure bar	6.8

**TURN 10**

Initial Speed km/h	167
Final Speed km/h	99
Stopping Distance m	107
Braking Time sec	2.9
Maximum Deceleration g	0.9
Max Force on Lever kg	3.0
Brake Pressure bar	6.5

**TURN 12**

Initial Speed km/h	262
Final Speed km/h	154
Stopping Distance m	173
Braking Time sec	3.1
Maximum Deceleration g	1.3
Max Force on Lever kg	3.5
Brake Pressure bar	7.5

**TURN 13**

Initial Speed km/h	177
Final Speed km/h	155
Stopping Distance m	58
Braking Time sec	1.2
Maximum Deceleration g	0.6
Max Force on Lever kg	1.4
Brake Pressure bar	3.0

**TURN 14**

Initial Speed km/h	188
Final Speed km/h	138
Stopping Distance m	86
Braking Time sec	1.9
Maximum Deceleration g	1.0
Max Force on Lever kg	3.1
Brake Pressure bar	6.7

**TURN 15**

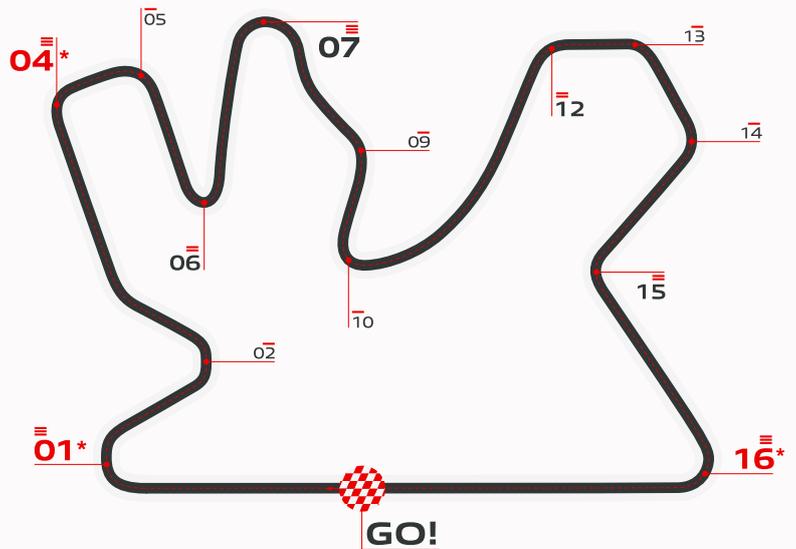
Initial Speed km/h	212
Final Speed km/h	131
Stopping Distance m	125
Braking Time sec	2.7
Maximum Deceleration g	1.2
Max Force on Lever kg	4.9
Brake Pressure bar	10.4

# BRAKE CIRCUIT IDENTITY CARD

**01 LOSAIL  
INTERNATIONAL  
CIRCUIT**  
5,380 m / 22 laps

The Losail International Circuit, located just north of Doha, Qatar, is highly demanding on the braking system.

Brakes are needed on 13 of the 16 corners at the Losail International Circuit: this is the highest value of the season.



	Initial Speed km/h	253
*	Final Speed km/h	97
≡	Stopping Distance m	193
≡	Braking Time sec	4.3
≡	Maximum Deceleration g	1.5
TURN	Max Force on Lever kg	4.7
<b>16</b>	Brake Pressure bar	10.1



\* **Turn 01, Turn 16 & Turn 04** are considered the most demanding for the braking system.