

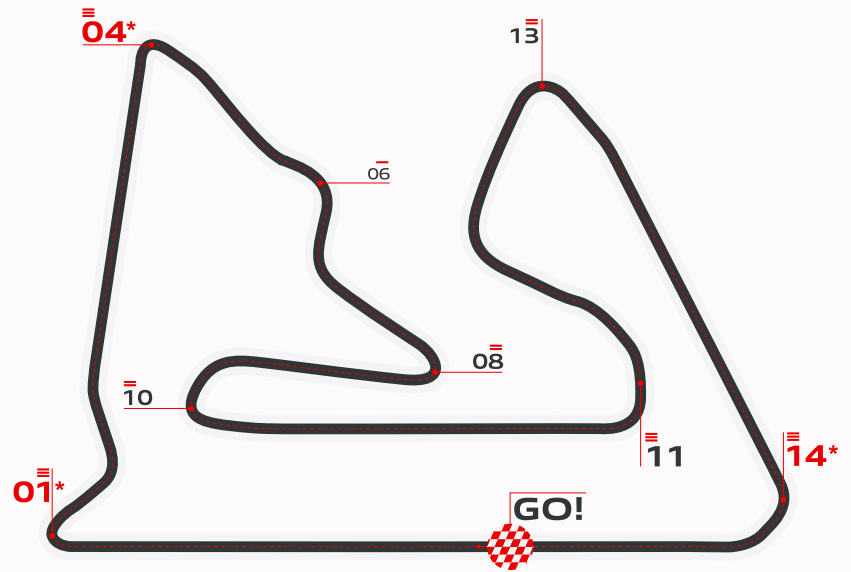
BRAKE CIRCUIT IDENTITY CARD

01 BAHRAIN INTERNATIONAL CIRCUIT

5,412 m / 57 laps

The 2024 Formula 1 World Championship starts from Bahrain GP and it's the longest ever with 24 GPs on the calendar.

The race will start after sunset and therefore it will be held under the artificial lights but the presence of lenticular wheel covers which were introduced in 2022 means that we will not be able to see the incandescent carbon discs.



TURN 01

Initial Speed km/h	313
Final Speed km/h	75
Stopping Distance m	122
Braking Time sec	2.86
Maximum Deceleration g	4.2
Max Force on Lever kg	129
Braking Power kW	2101

TURN 04

Initial Speed km/h	294
Final Speed km/h	115
Stopping Distance m	106
Braking Time sec	2.11
Maximum Deceleration g	4.2
Max Force on Lever kg	128
Braking Power kW	2085

TURN 06

Initial Speed km/h	247
Final Speed km/h	202
Stopping Distance m	36
Braking Time sec	0.58
Maximum Deceleration g	3.1
Max Force on Lever kg	71
Braking Power kW	1045

TURN 08

Initial Speed km/h	256
Final Speed km/h	75
Stopping Distance m	97
Braking Time sec	2.49
Maximum Deceleration g	4.1
Max Force on Lever kg	128
Braking Power kW	1868

TURN 10

Initial Speed km/h	250
Final Speed km/h	72
Stopping Distance m	100
Braking Time sec	2.58
Maximum Deceleration g	3.5
Max Force on Lever kg	96
Braking Power kW	1385

TURN 11

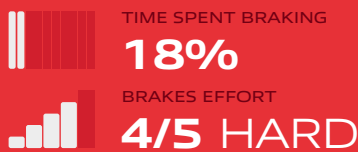
Initial Speed km/h	291
Final Speed km/h	150
Stopping Distance m	88
Braking Time sec	1.52
Maximum Deceleration g	4.2
Max Force on Lever kg	123
Braking Power kW	2068

TURN 13

Initial Speed km/h	279
Final Speed km/h	151
Stopping Distance m	86
Braking Time sec	1.61
Maximum Deceleration g	3.9
Max Force on Lever kg	116
Braking Power kW	1798

TURN 14

Initial Speed km/h	293
Final Speed km/h	118
Stopping Distance m	103
Braking Time sec	2.05
Maximum Deceleration g	4.2
Max Force on Lever kg	127
Braking Power kW	2072



* Turn 01, Turn 04 & Turn 14 are considered the most demanding for the braking system.

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