

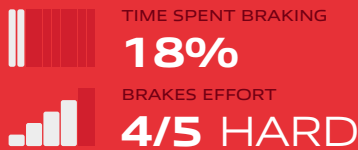
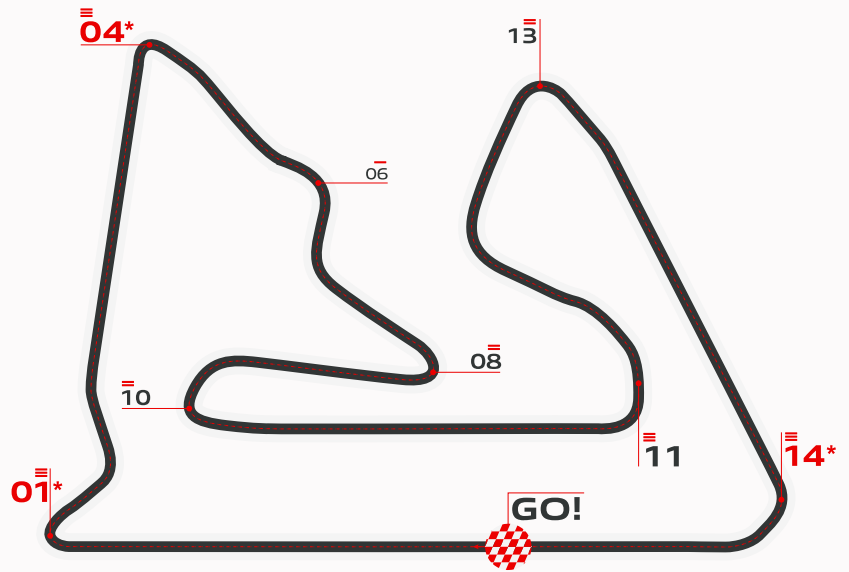
BRAKE CIRCUIT IDENTITY CARD

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, 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.

* 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
	Maximum Pedal Load 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
	Maximum Pedal Load 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
	Maximum Pedal Load 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
	Maximum Pedal Load 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
	Maximum Pedal Load 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
	Maximum Pedal Load 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
	Maximum Pedal Load 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
	Maximum Pedal Load kg	127
	Braking Power kW	2072