



FORMULA 1

03-05 MAR 2023 @ GULF AIR SAUDI GRAND PRIX

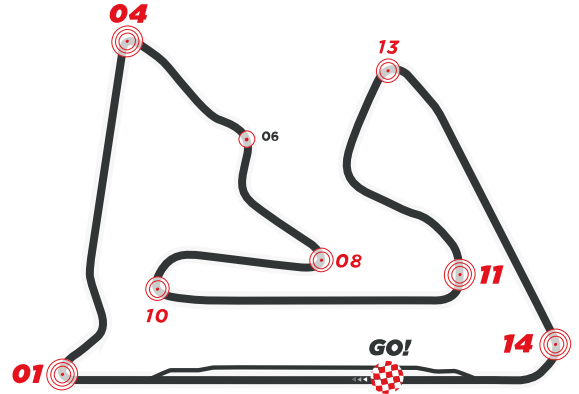
BRAKE CIRCUIT IDENTITY CARD

BAHRAIN INTERNATIONAL CIRCUIT

The Formula 1 World Championship restarts from Bahrain, the longest ever with 23 GPs on the calendar. The race will start after sunset and will therefore be held under artificial lights but the presence of lenticular rim covers, introduced in 2022, prevents you from admiring the incandescent carbon discs.

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

CIRCUIT LENGTH: **5.412 Km**
 NUMBER OF LAPS: **57**



TIME SPENT BRAKING:
18%

TURN 01*, TURN 04* & TURN 10* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

BRAKES EFFORT:
HARD



08 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	323
	Final Speed (km/h)	80
	Stopping Distance (m)	124
	Braking Time (sec)	2.79
	Maximum Deceleration (g)	4.3
	Maximum Pedal Load (kg)	129
	Braking Power (kW)	2134

04 TURN	Initial Speed (km/h)	294
	Final Speed (km/h)	116
	Stopping Distance (m)	109
	Braking Time (sec)	2.12
	Maximum Deceleration (g)	4.3
	Maximum Pedal Load (kg)	128
	Braking Power (kW)	2105

06 TURN	Initial Speed (km/h)	256
	Final Speed (km/h)	214
	Stopping Distance (m)	40
	Braking Time (sec)	0.63
	Maximum Deceleration (g)	2.9
	Maximum Pedal Load (kg)	75
	Braking Power (kW)	996

08 TURN	Initial Speed (km/h)	255
	Final Speed (km/h)	78
	Stopping Distance (m)	97
	Braking Time (sec)	2.42
	Maximum Deceleration (g)	4.1
	Maximum Pedal Load (kg)	128
	Braking Power (kW)	1816

10 TURN	Initial Speed (km/h)	266
	Final Speed (km/h)	86
	Stopping Distance (m)	106
	Braking Time (sec)	2.62
	Maximum Deceleration (g)	3.4
	Maximum Pedal Load (kg)	97
	Braking Power (kW)	1348

11 TURN	Initial Speed (km/h)	295
	Final Speed (km/h)	154
	Stopping Distance (m)	95
	Braking Time (sec)	1.61
	Maximum Deceleration (g)	4.2
	Maximum Pedal Load (kg)	125
	Braking Power (kW)	2108

13 TURN	Initial Speed (km/h)	277
	Final Speed (km/h)	155
	Stopping Distance (m)	90
	Braking Time (sec)	1.65
	Maximum Deceleration (g)	3.9
	Maximum Pedal Load (kg)	117
	Braking Power (kW)	1753

14 TURN	Initial Speed (km/h)	291
	Final Speed (km/h)	124
	Stopping Distance (m)	103
	Braking Time (sec)	2.02
	Maximum Deceleration (g)	4.2
	Maximum Pedal Load (kg)	127
	Braking Power (kW)	2040