

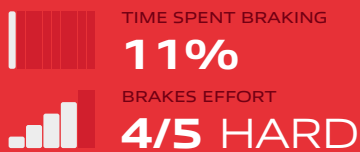
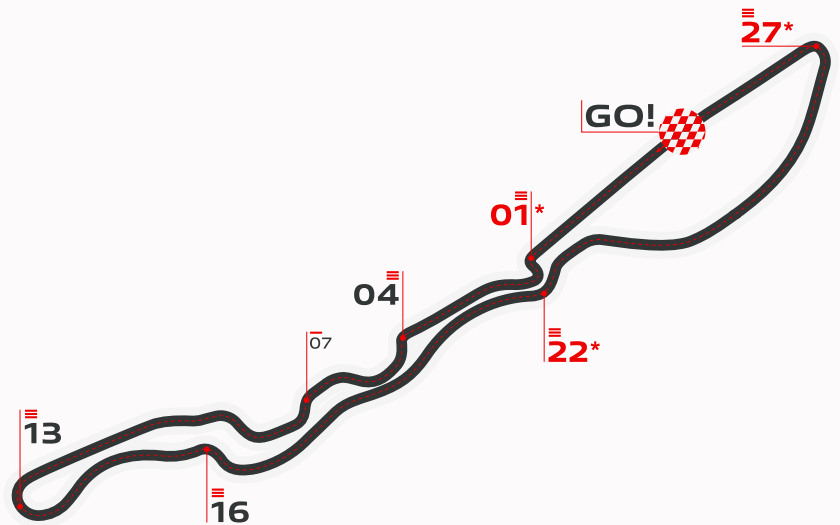
BRAKE CIRCUIT IDENTITY CARD

02 JEDDAH CORNICHE CIRCUIT

6,174 m / 50 laps

For the fourth year running, Formula 1 competes in Saudi Arabia thirty kilometers outside the historic city of Jeddah.

Without any 90 degree corners, in 2021 this track earned itself the title of the longest and fastest city circuit in the history of the World Championship: the average speed on the pole position lap was just under 254 km/h (158 mph).



* Turn 01, Turn 27 & Turn 22 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	325
Final Speed km/h	116
Stopping Distance m	115
Braking Time sec	2.26
Maximum Deceleration g	4.5
Max Force on Lever kg	139
Braking Power kW	2401

CURVA 04

Initial Speed km/h	263
Final Speed km/h	150
Stopping Distance m	68
Braking Time sec	1.23
Maximum Deceleration g	4.3
Max Force on Lever kg	135
Braking Power kW	2054

CURVA 07

Initial Speed km/h	278
Final Speed km/h	265
Stopping Distance m	15
Braking Time sec	0.20
Maximum Deceleration g	2.7
Max Force on Lever kg	49
Braking Power kW	822

CURVA 13

Initial Speed km/h	295
Final Speed km/h	164
Stopping Distance m	90
Braking Time sec	1.48
Maximum Deceleration g	4.2
Max Force on Lever kg	127
Braking Power kW	2154

CURVA 16

Initial Speed km/h	295
Final Speed km/h	201
Stopping Distance m	65
Braking Time sec	1.02
Maximum Deceleration g	4.4
Max Force on Lever kg	139
Braking Power kW	2158

TURN 22*

Initial Speed km/h	308
Final Speed km/h	183
Stopping Distance m	86
Braking Time sec	1.29
Maximum Deceleration g	4.5
Max Force on Lever kg	133
Braking Power kW	2379

TURN 27*

Initial Speed km/h	322
Final Speed km/h	123
Stopping Distance m	117
Braking Time sec	2.24
Maximum Deceleration g	4.5
Max Force on Lever kg	138
Braking Power kW	2388