



FORMULA 1

17-19 MAR 2023 @ STC SAUDI ARABIAN GRAND PRIX

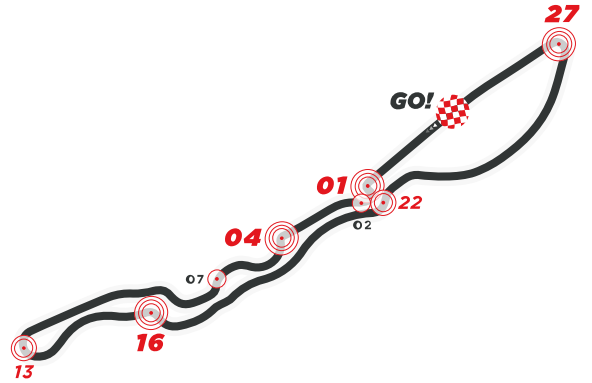
BRAKE CIRCUIT IDENTITY CARD

JEDDAH CORNICHE CIRCUIT

For the third 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).

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

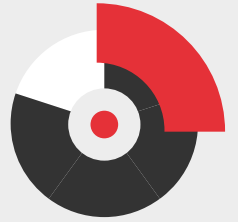
CIRCUIT LENGTH: **6.174 Km**
 NUMBER OF LAPS: **50**



TIME SPENT BRAKING:
13%

TURN 27*, TURN 01* & TURN 13* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

BRAKES EFFORT:
HARD



08 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	312
	Final Speed (km/h)	103
	Stopping Distance (m)	115
	Braking Time (sec)	2.32
	Maximum Deceleration (g)	4.9
	Maximum Pedal Load (kg)	154
	Braking Power (kW)	2626

02 TURN	Initial Speed (km/h)	126
	Final Speed (km/h)	102
	Stopping Distance (m)	21
	Braking Time (sec)	0.73
	Maximum Deceleration (g)	2.2
	Maximum Pedal Load (kg)	81
	Braking Power (kW)	412

04 TURN	Initial Speed (km/h)	271
	Final Speed (km/h)	157
	Stopping Distance (m)	72
	Braking Time (sec)	1.33
	Maximum Deceleration (g)	4.7
	Maximum Pedal Load (kg)	150
	Braking Power (kW)	2288

07 TURN	Initial Speed (km/h)	275
	Final Speed (km/h)	254
	Stopping Distance (m)	26
	Braking Time (sec)	0.36
	Maximum Deceleration (g)	2.5
	Maximum Pedal Load (kg)	60
	Braking Power (kW)	821

13 TURN	Initial Speed (km/h)	304
	Final Speed (km/h)	170
	Stopping Distance (m)	102
	Braking Time (sec)	1.73
	Maximum Deceleration (g)	4.6
	Maximum Pedal Load (kg)	144
	Braking Power (kW)	2425

16 TURN	Initial Speed (km/h)	292
	Final Speed (km/h)	200
	Stopping Distance (m)	65
	Braking Time (sec)	1.02
	Maximum Deceleration (g)	4.7
	Maximum Pedal Load (kg)	152
	Braking Power (kW)	2276

22 TURN	Initial Speed (km/h)	316
	Final Speed (km/h)	225
	Stopping Distance (m)	72
	Braking Time (sec)	1.00
	Maximum Deceleration (g)	4.6
	Maximum Pedal Load (kg)	140
	Braking Power (kW)	2494

27 TURN	Initial Speed (km/h)	319
	Final Speed (km/h)	113
	Stopping Distance (m)	123
	Braking Time (sec)	2.47
	Maximum Deceleration (g)	4.9
	Maximum Pedal Load (kg)	154
	Braking Power (kW)	2611