

# 2021 FORMULA 1 STC SAUDI ARABIAN GRAND PRIX

**brembo**   
03-05 DEC 2021

## BRAKE CIRCUIT IDENTITY CARDS

### BRAKES EFFORT

 **MEDIUM**

### TIME SPENT BRAKING

 **14%**

### CIRCUIT LENGTH

 **6,174 M**

### NUMBER OF LAPS

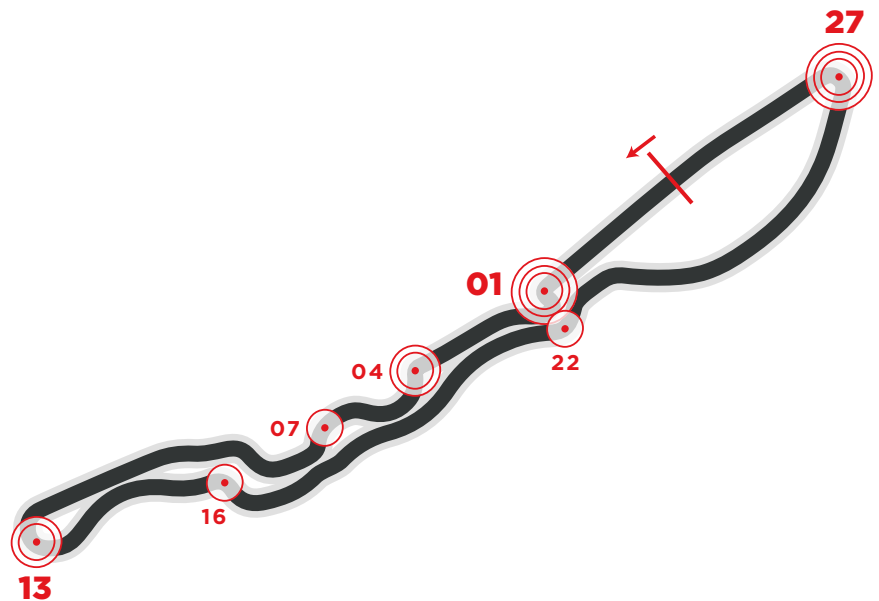
 **50**

### NUMBER OF BRAKE ZONES/LAP

 **07**

### IMPORTANT

**TURN 27\***, **TURN 01\*** and **TURN 13\*** are considered the most demanding for the braking system.



Formula 1 goes to Saudi Arabia at the Jeddah Corniche Circuit, thirty kilometers outside the historic city of Jeddah. Without 90 degree turns that have always been a feature of city circuits, it is destined to be the longest and fastest circuit of this type in the history of the World Championship.

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

<b>01</b>	Initial speed	<b>313</b>	(Km/h)
	Final speed	<b>102</b>	(Km/h)
	Stopping distance	<b>114</b>	(m)
	Braking time	<b>2.31</b>	(sec)
	Maximum deceleration	<b>4.5</b>	(g)

<b>04</b>	Initial speed	<b>281</b>	(Km/h)
	Final speed	<b>194</b>	(Km/h)
	Stopping distance	<b>71</b>	(m)
	Braking time	<b>1.14</b>	(sec)
	Maximum deceleration	<b>4.0</b>	(g)

<b>07</b>	Initial speed	<b>259</b>	(Km/h)
	Final speed	<b>237</b>	(Km/h)
	Stopping distance	<b>22</b>	(m)
	Braking time	<b>0.32</b>	(sec)
	Maximum deceleration	<b>2.2</b>	(g)

<b>13</b>	Initial speed	<b>296</b>	(Km/h)
	Final speed	<b>142</b>	(Km/h)
	Stopping distance	<b>112</b>	(m)
	Braking time	<b>1.98</b>	(sec)
	Maximum deceleration	<b>4.1</b>	(g)

<b>16</b>	Initial speed	<b>295</b>	(Km/h)
	Final speed	<b>244</b>	(Km/h)
	Stopping distance	<b>40</b>	(m)
	Braking time	<b>0.56</b>	(sec)
	Maximum deceleration	<b>3.7</b>	(g)

<b>22</b>	Initial speed	<b>308</b>	(Km/h)
	Final speed	<b>246</b>	(Km/h)
	Stopping distance	<b>55</b>	(m)
	Braking time	<b>0.71</b>	(sec)
	Maximum deceleration	<b>3.3</b>	(g)

<b>27</b>	Initial speed	<b>317</b>	(Km/h)
	Final speed	<b>110</b>	(Km/h)
	Stopping distance	<b>127</b>	(m)
	Braking time	<b>2.60</b>	(sec)
	Maximum deceleration	<b>4.3</b>	(g)