

# 2020 FORMULA 1 EMIRATES GRAN PREMIO DELL'EMILIA ROMAGNA

**brembo**   
30 OCT-01 NOV 2020

## BRAKE CIRCUIT IDENTITY CARDS

### BRAKES EFFORT

 **MEDIUM**

### TIME SPENT BRAKING

 **13%**

### CIRCUIT LENGTH

 **4,909 M**

### NUMBER OF LAPS

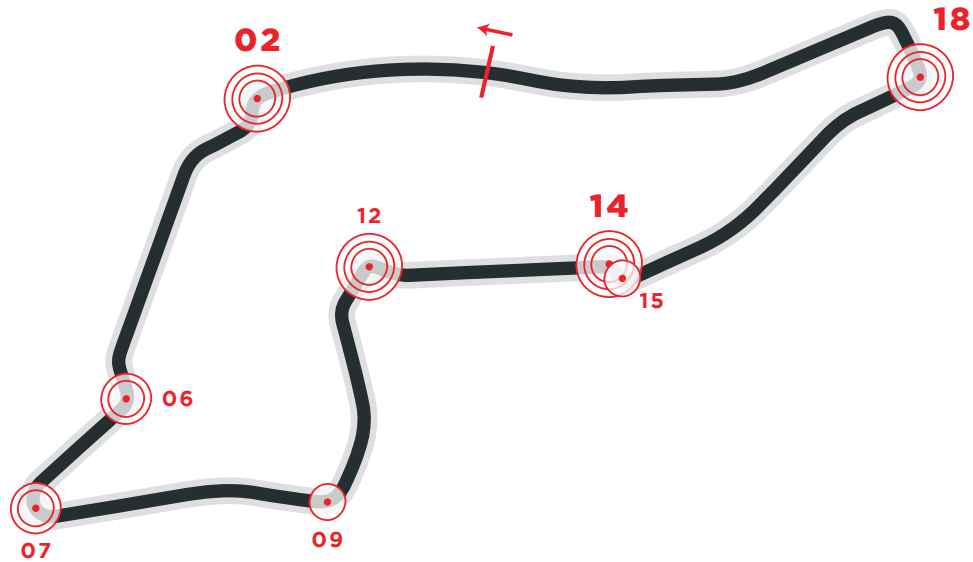
 **63**

### NUMBER OF BRAKE ZONES/LAP

 **08**

### IMPORTANT

**TURN 18\***, **TURN 14\*** and **TURN 02\*** are considered the most demanding for the braking system.



There hasn't been F1 racing on this circuit since 2006, when Michael Schumacher won out with Ferrari. With 22 turns and a really short home straight (358 m/392 yds), the circuit is very technical and calls for some really heavy engine braking of all kinds. It's not a coincidence that Enzo Ferrari called the circuit that bears his and his son Dino's names a "little Nürburgring".

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

<b>TURN 02</b>	Initial speed	<b>336</b>	(Km/h)
	Final speed	<b>204</b>	(Km/h)
	Stopping distance	<b>86</b>	(m)
	Braking time	<b>1.16</b>	(sec)
	Maximum deceleration	<b>4.7</b>	(g)
	Maximum pedal load	<b>116</b>	(Kg)
	Braking power	<b>1816</b>	(Kw)

<b>TURN 06</b>	Initial speed	<b>289</b>	(Km/h)
	Final speed	<b>192</b>	(Km/h)
	Stopping distance	<b>69</b>	(m)
	Braking time	<b>0.89</b>	(sec)
	Maximum deceleration	<b>4.9</b>	(g)
	Maximum pedal load	<b>130</b>	(Kg)
	Braking power	<b>1353</b>	(Kw)

<b>TURN 07</b>	Initial speed	<b>269</b>	(Km/h)
	Final speed	<b>120</b>	(Km/h)
	Stopping distance	<b>95</b>	(m)
	Braking time	<b>1.85</b>	(sec)
	Maximum deceleration	<b>4.8</b>	(g)
	Maximum pedal load	<b>131</b>	(Kg)
	Braking power	<b>1550</b>	(Kw)

<b>TURN 09</b>	Initial speed	<b>290</b>	(Km/h)
	Final speed	<b>238</b>	(Km/h)
	Stopping distance	<b>48</b>	(m)
	Braking time	<b>0.46</b>	(sec)
	Maximum deceleration	<b>3.3</b>	(g)
	Maximum pedal load	<b>70</b>	(Kg)
	Braking power	<b>630</b>	(Kw)

<b>TURN 12</b>	Initial speed	<b>299</b>	(Km/h)
	Final speed	<b>158</b>	(Km/h)
	Stopping distance	<b>84</b>	(m)
	Braking time	<b>1.34</b>	(sec)
	Maximum deceleration	<b>5.1</b>	(g)
	Maximum pedal load	<b>125</b>	(Kg)
	Braking power	<b>1786</b>	(Kw)

<b>TURN 14</b>	Initial speed	<b>283</b>	(Km/h)
	Final speed	<b>126</b>	(Km/h)
	Stopping distance	<b>90</b>	(m)
	Braking time	<b>1.58</b>	(sec)
	Maximum deceleration	<b>5.8</b>	(g)
	Maximum pedal load	<b>142</b>	(Kg)
	Braking power	<b>2025</b>	(Kw)

<b>TURN 15</b>	Initial speed	<b>148</b>	(Km/h)
	Final speed	<b>120</b>	(Km/h)
	Stopping distance	<b>43</b>	(m)
	Braking time	<b>0.65</b>	(sec)
	Maximum deceleration	<b>2.3</b>	(g)
	Maximum pedal load	<b>75</b>	(Kg)
	Braking power	<b>138</b>	(Kw)

<b>TURN 18</b>	Initial speed	<b>309</b>	(Km/h)
	Final speed	<b>145</b>	(Km/h)
	Stopping distance	<b>96</b>	(m)
	Braking time	<b>1.62</b>	(sec)
	Maximum deceleration	<b>5.6</b>	(g)
	Maximum pedal load	<b>137</b>	(Kg)
	Braking power	<b>2230</b>	(Kw)