

# 2020 FORMULA 1 PIRELLI GRAN PREMIO DELLA TOSCANA FERRARI 1000

**brembo**   
11-13 SEP 2020

## BRAKE CIRCUIT IDENTITY CARDS

### BRAKES EFFORT

 **MEDIUM**

### TIME SPENT BRAKING

 **23%**

### CIRCUIT LENGTH

 **5,245 M**

### NUMBER OF LAPS

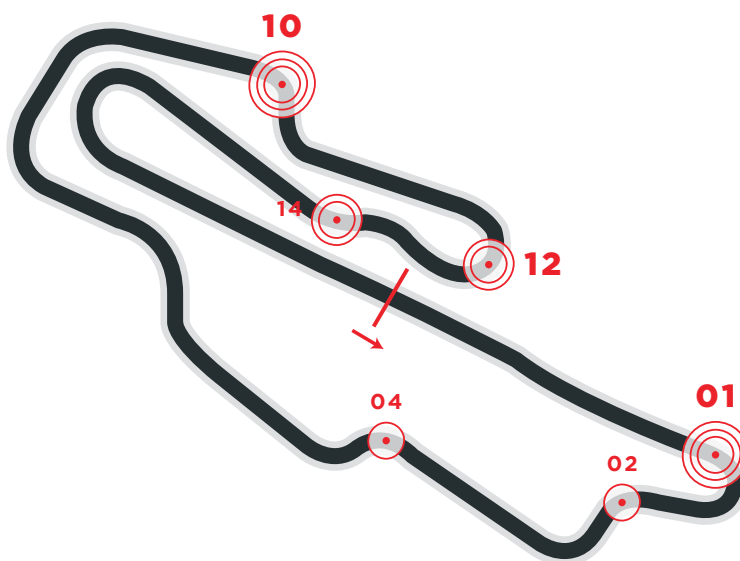
 **59**

### NUMBER OF BRAKE ZONES/LAP

 **06**

### IMPORTANT

**TURN 01\***, **TURN 10\*** and **TURN 12\*** are considered the most demanding for the braking system.



Formula 1 has never raced here but Ferrari, who has owned the circuit since 1988, carried out tests at the beginning of July with 2018 single-seaters.

MotoGP, on the other hand, first raced on the Mugello circuit in 1976 and has been using it on a regular basis since 1991.

On the Mugello track, MotoGP riders use the brakes on 9 bends whereas F1 drivers use them on only 6: thanks to the grip provided by the four wheels, the single-seaters tackle bends 6, 8 and 9.

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

<b>TURN 01</b>	Initial speed	<b>333</b>	(Km/h)
	Final speed	<b>147</b>	(Km/h)
	Stopping distance	<b>126</b>	(m)
	Braking time	<b>2.22</b>	(sec)
	Maximum deceleration	<b>4.5</b>	(g)
	Maximum pedal load	<b>116</b>	(Kg)
	Braking power	<b>2138</b>	(Kw)

<b>TURN 02</b>	Initial speed	<b>243</b>	(Km/h)
	Final speed	<b>171</b>	(Km/h)
	Stopping distance	<b>66</b>	(m)
	Braking time	<b>0.97</b>	(sec)
	Maximum deceleration	<b>2.8</b>	(g)
	Maximum pedal load	<b>72</b>	(Kg)
	Braking power	<b>600</b>	(Kw)

<b>TURN 04</b>	Initial speed	<b>291</b>	(Km/h)
	Final speed	<b>217</b>	(Km/h)
	Stopping distance	<b>59</b>	(m)
	Braking time	<b>0.66</b>	(sec)
	Maximum deceleration	<b>4.1</b>	(g)
	Maximum pedal load	<b>112</b>	(Kg)
	Braking power	<b>980</b>	(Kw)

<b>TURN 10</b>	Initial speed	<b>314</b>	(Km/h)
	Final speed	<b>171</b>	(Km/h)
	Stopping distance	<b>98</b>	(m)
	Braking time	<b>1.56</b>	(sec)
	Maximum deceleration	<b>4.9</b>	(g)
	Maximum pedal load	<b>125</b>	(Kg)
	Braking power	<b>1845</b>	(Kw)

<b>TURN 12</b>	Initial speed	<b>299</b>	(Km/h)
	Final speed	<b>154</b>	(Km/h)
	Stopping distance	<b>108</b>	(m)
	Braking time	<b>1.84</b>	(sec)
	Maximum deceleration	<b>4.3</b>	(g)
	Maximum pedal load	<b>118</b>	(Kg)
	Braking power	<b>1566</b>	(Kw)

<b>TURN 14</b>	Initial speed	<b>320</b>	(Km/h)
	Final speed	<b>170</b>	(Km/h)
	Stopping distance	<b>124</b>	(m)
	Braking time	<b>2.03</b>	(sec)
	Maximum deceleration	<b>3.6</b>	(g)
	Maximum pedal load	<b>90</b>	(Kg)
	Braking power	<b>1499</b>	(Kw)