

# 2021 FORMULA 1 HEINEKEN GRAN PREMIO D'ITALIA

## BRAKE CIRCUIT IDENTITY CARD

### BRAKES EFFORT

 **HARD**

### TIME SPENT BRAKING

 **14%**

### CIRCUIT LENGTH

 **5,793 M**

### NUMBER OF LAPS

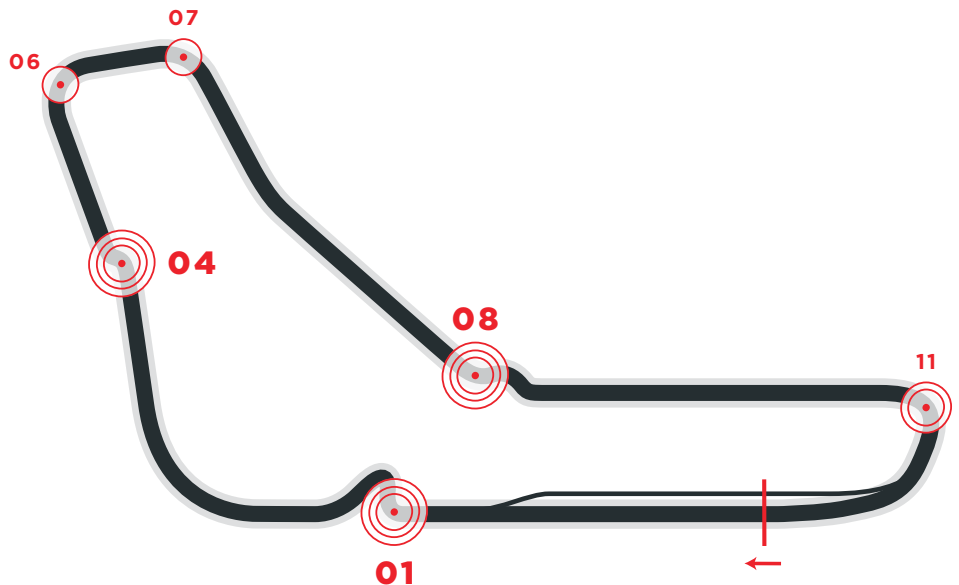
 **53**

### NUMBER OF BRAKE ZONES/LAP

 **06**

### IMPORTANT

**TURN 01\***, **TURN 04\*** and **TURN 08\*** are considered the most demanding for the braking system.



Known by fans as the "temple of speed", the Monza track is extremely demanding and puts the single-seater braking systems to a hard test. The presence of long straight lines and the lack of aerodynamic load, which reduces the possibility of efficiently unloading braking torque to the ground, make the braking sections extremely violent and demanding to manage.

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

<b>01</b>	Initial speed	<b>353</b>	(Km/h)
	Final speed	<b>88</b>	(Km/h)
	Stopping distance	<b>135</b>	(m)
	Braking time	<b>2.66</b>	(sec)
	Maximum deceleration	<b>5.5</b>	(g)
	Maximum pedal load	<b>195</b>	(Kg)
	Braking power	<b>3441</b>	(Kw)

<b>04</b>	Initial speed	<b>338</b>	(Km/h)
	Final speed	<b>119</b>	(Km/h)
	Stopping distance	<b>120</b>	(m)
	Braking time	<b>2.14</b>	(sec)
	Maximum deceleration	<b>5.0</b>	(g)
	Maximum pedal load	<b>135</b>	(Kg)
	Braking power	<b>2990</b>	(Kw)

<b>06</b>	Initial speed	<b>286</b>	(Km/h)
	Final speed	<b>198</b>	(Km/h)
	Stopping distance	<b>109</b>	(m)
	Braking time	<b>1.65</b>	(sec)
	Maximum deceleration	<b>2.2</b>	(g)
	Maximum pedal load	<b>46</b>	(Kg)
	Braking power	<b>475</b>	(Kw)

<b>07</b>	Initial speed	<b>290</b>	(Km/h)
	Final speed	<b>187</b>	(Km/h)
	Stopping distance	<b>93</b>	(m)
	Braking time	<b>1.48</b>	(sec)
	Maximum deceleration	<b>3.3</b>	(g)
	Maximum pedal load	<b>60</b>	(Kg)
	Braking power	<b>1044</b>	(Kw)

<b>08</b>	Initial speed	<b>354</b>	(Km/h)
	Final speed	<b>208</b>	(Km/h)
	Stopping distance	<b>95</b>	(m)
	Braking time	<b>1.28</b>	(sec)
	Maximum deceleration	<b>5.0</b>	(g)
	Maximum pedal load	<b>82</b>	(Kg)
	Braking power	<b>2116</b>	(Kw)

<b>11</b>	Initial speed	<b>352</b>	(Km/h)
	Final speed	<b>221</b>	(Km/h)
	Stopping distance	<b>115</b>	(m)
	Braking time	<b>1.53</b>	(sec)
	Maximum deceleration	<b>4.2</b>	(g)
	Maximum pedal load	<b>77</b>	(Kg)
	Braking power	<b>1537</b>	(Kw)