

# 2021 FORMULA 1 BWT GROSSER PREIS DER STEIERMARK

**brembo**   
25-27 JUN 2021

## BRAKE CIRCUIT IDENTITY CARD

### BRAKES EFFORT

 **MEDIUM**

### TIME SPENT BRAKING

 **16%**

### CIRCUIT LENGTH

 **4,318 M**

### NUMBER OF LAPS

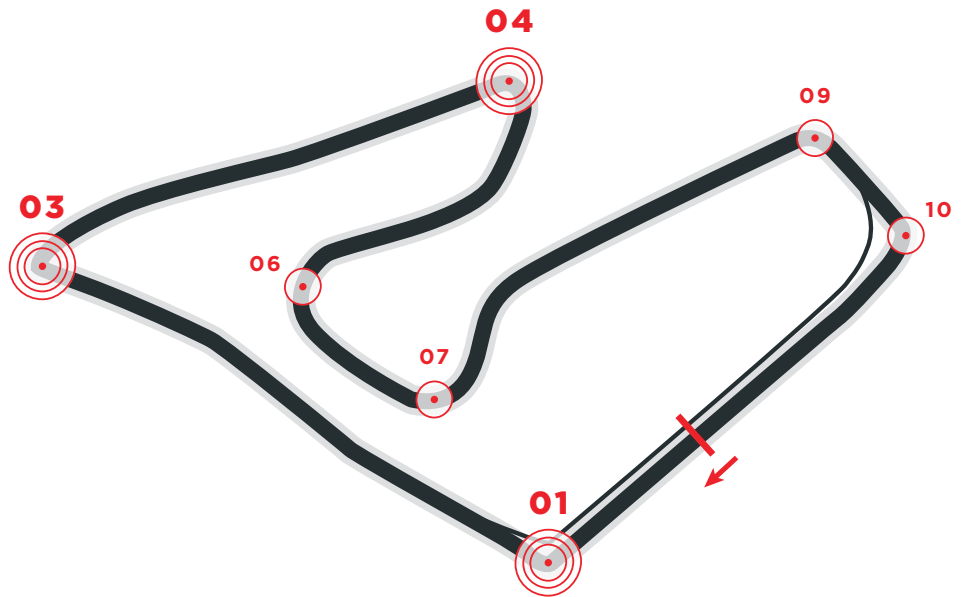
 **71**

### NUMBER OF BRAKE ZONES/LAP

 **07**

### IMPORTANT

**TURN 03\***, **TURN 04\*** and **TURN 01\*** are considered the most demanding for the braking system.



The Spielberg circuit is a very hilly track, characterized by sharp bends with 7 significant deceleration braking sections. The circuit is also quite short with little space for the system to cool between one braking section and another.

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

<b>TURN 01</b>	Initial speed	<b>343</b>	(Km/h)
	Final speed	<b>160</b>	(Km/h)
	Stopping distance	<b>104</b>	(m)
	Braking time	<b>1.61</b>	(sec)
	Maximum deceleration	<b>5.3</b>	(g)
	Maximum pedal load	<b>106</b>	(Kg)
	Braking power	<b>2565</b>	(Kw)

<b>TURN 03</b>	Initial speed	<b>331</b>	(Km/h)
	Final speed	<b>84</b>	(Km/h)
	Stopping distance	<b>130</b>	(m)
	Braking time	<b>2.67</b>	(sec)
	Maximum deceleration	<b>5.3</b>	(g)
	Maximum pedal load	<b>176</b>	(Kg)
	Braking power	<b>3064</b>	(Kw)

<b>TURN 04</b>	Initial speed	<b>342</b>	(Km/h)
	Final speed	<b>122</b>	(Km/h)
	Stopping distance	<b>141</b>	(m)
	Braking time	<b>2.57</b>	(sec)
	Maximum deceleration	<b>5.2</b>	(g)
	Maximum pedal load	<b>173</b>	(Kg)
	Braking power	<b>2909</b>	(Kw)

<b>TURN 06</b>	Initial speed	<b>301</b>	(Km/h)
	Final speed	<b>232</b>	(Km/h)
	Stopping distance	<b>63</b>	(m)
	Braking time	<b>0.85</b>	(sec)
	Maximum deceleration	<b>2.7</b>	(g)
	Maximum pedal load	<b>28</b>	(Kg)
	Braking power	<b>540</b>	(Kw)

<b>TURN 07</b>	Initial speed	<b>272</b>	(Km/h)
	Final speed	<b>240</b>	(Km/h)
	Stopping distance	<b>33</b>	(m)
	Braking time	<b>0.46</b>	(sec)
	Maximum deceleration	<b>1.6</b>	(g)
	Maximum pedal load	<b>9</b>	(Kg)
	Braking power	<b>113</b>	(Kw)

<b>TURN 09</b>	Initial speed	<b>327</b>	(Km/h)
	Final speed	<b>258</b>	(Km/h)
	Stopping distance	<b>71</b>	(m)
	Braking time	<b>0.89</b>	(sec)
	Maximum deceleration	<b>2.1</b>	(g)
	Maximum pedal load	<b>23</b>	(Kg)
	Braking power	<b>460</b>	(Kw)

<b>TURN 10</b>	Initial speed	<b>281</b>	(Km/h)
	Final speed	<b>202</b>	(Km/h)
	Stopping distance	<b>65</b>	(m)
	Braking time	<b>0.98</b>	(sec)
	Maximum deceleration	<b>2.8</b>	(g)
	Maximum pedal load	<b>34</b>	(Kg)
	Braking power	<b>738</b>	(Kw)