

## BRAKE CIRCUIT IDENTITY CARD

### BRAKES EFFORT

■■■■■ **HARD**

### TIME SPENT BRAKING

🕒 **27%**

### CIRCUIT LENGTH

🏁 **4,182 M**

### NUMBER OF LAPS

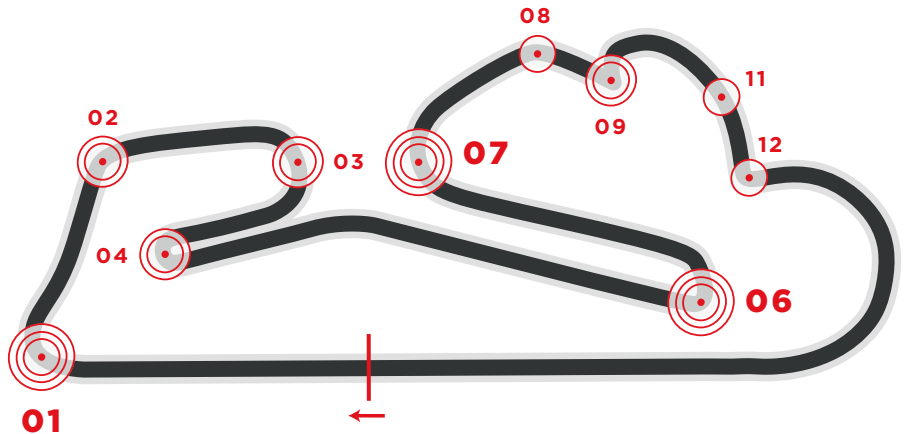
🏁 **21**

### NUMBER OF BRAKE ZONES/LAP

🏁 **10**

### IMPORTANT

**TURN 01\***, **TURN 06\*** and **TURN 07\*** are considered the most demanding for the braking system.



The Portuguese track is a combination of long straights, fast corners and hairpins to be traveled at low speed. It is a difficult track, with several very slow corners and poor grip, also because, being close to the Ocean, there is often the wind that brings sand and dust to the asphalt and creates riding problems.

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

<b>TURN 01</b>	Initial speed	<b>305</b> (Km/h)
	Final speed	<b>74</b> (Km/h)
	Stopping distance	<b>235</b> (m)
	Braking time	<b>4.9</b> (sec)
	Maximum deceleration	<b>1.5</b> (g)
	Max force on lever	<b>6.4</b> (Kg)

<b>TURN 02</b>	Initial speed	<b>181</b> (Km/h)
	Final speed	<b>132</b> (Km/h)
	Stopping distance	<b>75</b> (m)
	Braking time	<b>1.7</b> (sec)
	Maximum deceleration	<b>1.1</b> (g)
	Max force on lever	<b>4.3</b> (Kg)

<b>TURN 03</b>	Initial speed	<b>185</b> (Km/h)
	Final speed	<b>69</b> (Km/h)
	Stopping distance	<b>109</b> (m)
	Braking time	<b>3.1</b> (sec)
	Maximum deceleration	<b>1.2</b> (g)
	Max force on lever	<b>5.9</b> (Kg)

<b>TURN 04</b>	Initial speed	<b>158</b> (Km/h)
	Final speed	<b>78</b> (Km/h)
	Stopping distance	<b>73</b> (m)
	Braking time	<b>2.2</b> (sec)
	Maximum deceleration	<b>1.1</b> (g)
	Max force on lever	<b>4.5</b> (Kg)

<b>TURN 06</b>	Initial speed	<b>274</b> (Km/h)
	Final speed	<b>93</b> (Km/h)
	Stopping distance	<b>197</b> (m)
	Braking time	<b>4.1</b> (sec)
	Maximum deceleration	<b>1.5</b> (g)
	Max force on lever	<b>5.8</b> (Kg)

<b>TURN 07</b>	Initial speed	<b>225</b> (Km/h)
	Final speed	<b>84</b> (Km/h)
	Stopping distance	<b>155</b> (m)
	Braking time	<b>3.7</b> (sec)
	Maximum deceleration	<b>1.4</b> (g)
	Max force on lever	<b>6.0</b> (Kg)

<b>TURN 08</b>	Initial speed	<b>166</b> (Km/h)
	Final speed	<b>129</b> (Km/h)
	Stopping distance	<b>69</b> (m)
	Braking time	<b>1.6</b> (sec)
	Maximum deceleration	<b>0.7</b> (g)
	Max force on lever	<b>2.0</b> (Kg)

<b>TURN 09</b>	Initial speed	<b>134</b> (Km/h)
	Final speed	<b>60</b> (Km/h)
	Stopping distance	<b>64</b> (m)
	Braking time	<b>2.3</b> (sec)
	Maximum deceleration	<b>1</b> (g)
	Max force on lever	<b>5.1</b> (Kg)

<b>TURN 11</b>	Initial speed	<b>163</b> (Km/h)
	Final speed	<b>146</b> (Km/h)
	Stopping distance	<b>29</b> (m)
	Braking time	<b>0.6</b> (sec)
	Maximum deceleration	<b>0.8</b> (g)
	Max force on lever	<b>3.2</b> (Kg)

<b>TURN 12</b>	Initial speed	<b>143</b> (Km/h)
	Final speed	<b>97</b> (Km/h)
	Stopping distance	<b>55</b> (m)
	Braking time	<b>1.6</b> (sec)
	Maximum deceleration	<b>0.9</b> (g)
	Max force on lever	<b>3.7</b> (Kg)