



# BRAKE CIRCUIT IDENTITY CARD

CIRCUIT DE BARCELONA - CATALUNYA

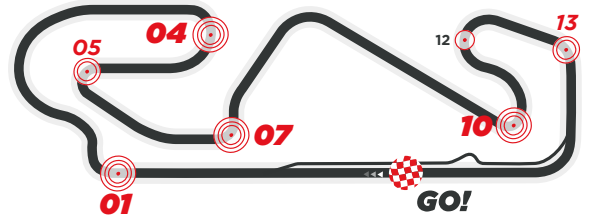
The Spanish GP will be held at the Circuit de Barcelona-Catalunya for the 33rd year running. The track grip level is always very high for the GPs and the circuit layout and the 1,047 meter (0.6 mile) straight section allow efficient thermal exchange between one braking episode and the next.

SHOULD YOU PUBLISH ANY OF THE DATA CONTAINED HERE PLEASE QUOTE BREMBO AS SOURCE USED.

# FORMULA 1

02-04 JUN 2023 @ GRAN PREMIO DE ESPAÑA

CIRCUIT LENGTH: **4.675 Km**  
 NUMBER OF LAPS: **66**



TIME SPENT BRAKING:  
**12%**

**TURN 10\*, TURN 01\* & TURN 04\* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM**

BRAKES EFFORT:  
**EASY**



## 07 BRAKE ZONES / LAP

<b>01</b> TURN	Initial Speed (km/h)	<b>310</b>
	Final Speed (km/h)	<b>163</b>
	Stopping Distance (m)	<b>85</b>
	Braking Time (sec)	<b>1.34</b>
	Maximum Deceleration (g)	<b>4.1</b>
	Maximum Pedal Load (kg)	<b>125</b>
	Braking Power (kW)	<b>1929</b>

<b>04</b> TURN	Initial Speed (km/h)	<b>281</b>
	Final Speed (km/h)	<b>171</b>
	Stopping Distance (m)	<b>73</b>
	Braking Time (sec)	<b>1.28</b>
	Maximum Deceleration (g)	<b>4.2</b>
	Maximum Pedal Load (kg)	<b>126</b>
	Braking Power (kW)	<b>1958</b>

<b>05</b> TURN	Initial Speed (km/h)	<b>257</b>
	Final Speed (km/h)	<b>112</b>
	Stopping Distance (m)	<b>86</b>
	Braking Time (sec)	<b>1.94</b>
	Maximum Deceleration (g)	<b>4.0</b>
	Maximum Pedal Load (kg)	<b>121</b>
	Braking Power (kW)	<b>1702</b>

<b>07</b> TURN	Initial Speed (km/h)	<b>265</b>
	Final Speed (km/h)	<b>171</b>
	Stopping Distance (m)	<b>58</b>
	Braking Time (sec)	<b>1.03</b>
	Maximum Deceleration (g)	<b>4.2</b>
	Maximum Pedal Load (kg)	<b>127</b>
	Braking Power (kW)	<b>1837</b>

<b>10</b> TURN	Initial Speed (km/h)	<b>298</b>
	Final Speed (km/h)	<b>117</b>
	Stopping Distance (m)	<b>112</b>
	Braking Time (sec)	<b>2.19</b>
	Maximum Deceleration (g)	<b>3.9</b>
	Maximum Pedal Load (kg)	<b>116</b>
	Braking Power (kW)	<b>1868</b>

<b>12</b> TURN	Initial Speed (km/h)	<b>219</b>
	Final Speed (km/h)	<b>165</b>
	Stopping Distance (m)	<b>41</b>
	Braking Time (sec)	<b>0.79</b>
	Maximum Deceleration (g)	<b>3.1</b>
	Maximum Pedal Load (kg)	<b>81</b>
	Braking Power (kW)	<b>1024</b>

<b>13</b> TURN	Initial Speed (km/h)	<b>233</b>
	Final Speed (km/h)	<b>163</b>
	Stopping Distance (m)	<b>50</b>
	Braking Time (sec)	<b>0.97</b>
	Maximum Deceleration (g)	<b>3.7</b>
	Maximum Pedal Load (kg)	<b>113</b>
	Braking Power (kW)	<b>1429</b>