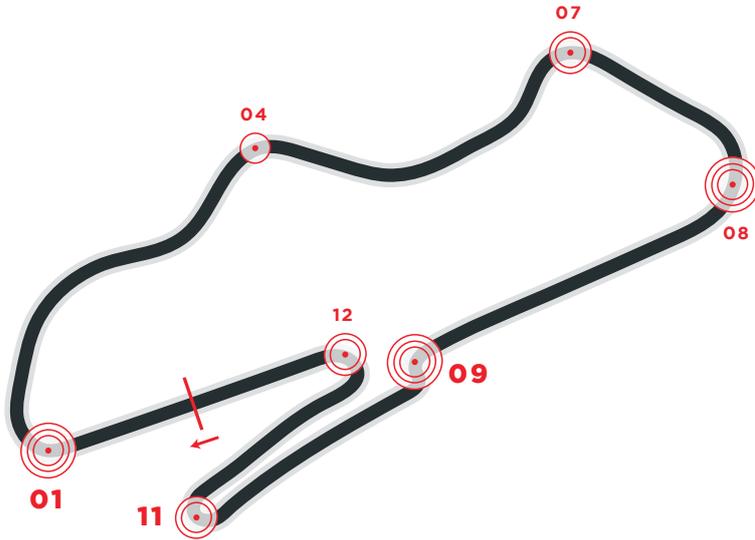




15-17 JUL 2022



**BRAKE CIRCUIT IDENTITY CARD**

Donington Park is one of the toughest tracks for Superbike braking systems because starting from turn 7 it has 5 hard braking sections in which the bikes drop below 110 km/h (68 mph) before entering the corner. The succession of braking does not facilitate the cooling of the brakes.

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

BRAKES EFFORT VERY HARD

TIME SPENT BRAKING 30%

TURN 01\*, TURN 09\* AND TURN 11\* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

CIRCUIT LENGTH **4.023 M**

NUMBER OF LAPS **23**

NUMBER OF BRAKE ZONES/LAP **07**

<b>TURN 01</b>	Initial speed	<b>259</b>	(Km/h)
	Final speed	<b>93</b>	(Km/h)
	Stopping distance	<b>195</b>	(m)
	Braking time	<b>4.2</b>	(sec)
	Maximum deceleration	<b>1.5</b>	(g)
	Max force on lever	<b>5.3</b>	(Kg)

<b>TURN 04</b>	Initial speed	<b>194</b>	(Km/h)
	Final speed	<b>125</b>	(Km/h)
	Stopping distance	<b>113</b>	(m)
	Braking time	<b>2.5</b>	(sec)
	Maximum deceleration	<b>1</b>	(g)
	Max force on lever	<b>3.0</b>	(Kg)

<b>TURN 07</b>	Initial speed	<b>195</b>	(Km/h)
	Final speed	<b>105</b>	(Km/h)
	Stopping distance	<b>116</b>	(m)
	Braking time	<b>2.8</b>	(sec)
	Maximum deceleration	<b>1.1</b>	(g)
	Max force on lever	<b>4.3</b>	(Kg)

<b>TURN 08</b>	Initial speed	<b>208</b>	(Km/h)
	Final speed	<b>109</b>	(Km/h)
	Stopping distance	<b>127</b>	(m)
	Braking time	<b>3</b>	(sec)
	Maximum deceleration	<b>1.4</b>	(g)
	Max force on lever	<b>5.3</b>	(Kg)

<b>TURN 09</b>	Initial speed	<b>267</b>	(Km/h)
	Final speed	<b>104</b>	(Km/h)
	Stopping distance	<b>202</b>	(m)
	Braking time	<b>4</b>	(sec)
	Maximum deceleration	<b>1.4</b>	(g)
	Max force on lever	<b>4.9</b>	(Kg)

<b>TURN 11</b>	Initial speed	<b>228</b>	(Km/h)
	Final speed	<b>50</b>	(Km/h)
	Stopping distance	<b>182</b>	(m)
	Braking time	<b>4.9</b>	(sec)
	Maximum deceleration	<b>1.2</b>	(g)
	Max force on lever	<b>4.8</b>	(Kg)

<b>TURN 12</b>	Initial speed	<b>201</b>	(Km/h)
	Final speed	<b>58</b>	(Km/h)
	Stopping distance	<b>154</b>	(m)
	Braking time	<b>4.4</b>	(sec)
	Maximum deceleration	<b>1.1</b>	(g)
	Max force on lever	<b>4.3</b>	(Kg)