



# BRAKE CIRCUIT IDENTITY CARD

## TT CIRCUIT ASSEN

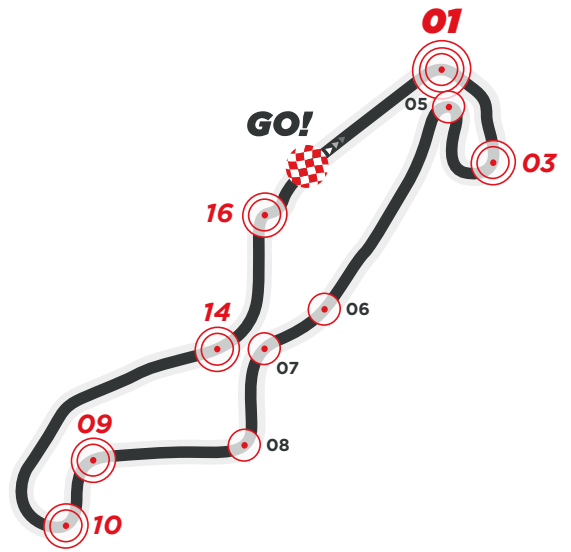
The Dutch track is one of the most spectacular and technical of the entire World Superbike Championship but at the same time also one of the least demanding for brakes. In fact, it is a very "guided" circuit where the fast bends generally determine not very demanding braking while the fast stretches allow excellent cooling of the braking systems and guarantee good operating temperatures.

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

# SUPERBIKE

21-23 APR 2023 PIRELLI DUTCH ROUND

CIRCUIT LENGTH: **4.542 Km**  
 NUMBER OF LAPS: **21**



TIME SPENT BRAKING:  
**30%**

**TURN 01\*, TURN 16\*  
& TURN 09\*  
ARE CONSIDERED THE  
MOST DEMANDING FOR THE  
BRAKING SYSTEM**

BRAKES EFFORT:  
**EASY**



### 10 BRAKE ZONES / LAP

<b>01</b> TURN	Initial Speed (km/h)	268
	Final Speed (km/h)	113
	Stopping Distance (m)	184
	Braking Time (sec)	3.6
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	4.3
	Brake Pressure (bar)	9.2

<b>03</b> TURN	Initial Speed (km/h)	189
	Final Speed (km/h)	103
	Stopping Distance (m)	126
	Braking Time (sec)	3.1
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	3.6
	Brake Pressure (bar)	7.7

<b>05</b> TURN	Initial Speed (km/h)	124
	Final Speed (km/h)	61
	Stopping Distance (m)	70
	Braking Time (sec)	2.8
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	3.4
	Brake Pressure (bar)	7.2

<b>06</b> TURN	Initial Speed (km/h)	297
	Final Speed (km/h)	216
	Stopping Distance (m)	169
	Braking Time (sec)	2.3
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	2.2
	Brake Pressure (bar)	4.7

<b>07</b> TURN	Initial Speed (km/h)	211
	Final Speed (km/h)	160
	Stopping Distance (m)	91
	Braking Time (sec)	1.7
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	2.4
	Brake Pressure (bar)	5.2

<b>08</b> TURN	Initial Speed (km/h)	194
	Final Speed (km/h)	119
	Stopping Distance (m)	105
	Braking Time (sec)	2.4
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	3.4
	Brake Pressure (bar)	7.2

<b>09</b> TURN	Initial Speed (km/h)	239
	Final Speed (km/h)	110
	Stopping Distance (m)	157
	Braking Time (sec)	3.3
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.4
	Brake Pressure (bar)	9.4

<b>10</b> TURN	Initial Speed (km/h)	164
	Final Speed (km/h)	101
	Stopping Distance (m)	87
	Braking Time (sec)	2.4
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	3.9
	Brake Pressure (bar)	8.4

<b>14</b> TURN	Initial Speed (km/h)	279
	Final Speed (km/h)	174
	Stopping Distance (m)	165
	Braking Time (sec)	2.6
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	2.9
	Brake Pressure (bar)	6.3

<b>16</b> TURN	Initial Speed (km/h)	219
	Final Speed (km/h)	93
	Stopping Distance (m)	141
	Braking Time (sec)	3.3
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.6
	Brake Pressure (bar)	9.9