



# BRAKE CIRCUIT IDENTITY CARD

## TT CIRCUIT ASSEN

Last race before the summer break, the TT Assen is the only one of the original World Championship races (1949) still run today.

Assen has a maximum speed of 310 km/h (193 mph) but, thanks to the many fast bends, the braking systems are really able to cool down. And it's precisely the presence of so many bends that makes it the best test-bench for the Marchesini rims.

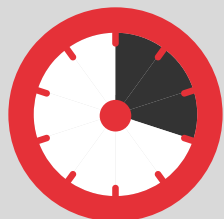
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# MOTO GP

23-25 JUN 2023 @ MOTUL TT ASSEN



CIRCUIT LENGTH: **4.542 Km**  
NUMBER OF LAPS: **26**



TIME SPENT BRAKING:  
**30%**

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

BRAKES EFFORT:  
**EASY**



### 10 BRAKE ZONES / LAP

<b>01</b> TURN	Initial Speed (km/h)	291
	Final Speed (km/h)	119
	Stopping Distance (m)	240
	Braking Time (sec)	4.5
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	6.8
	Brake Pressure (bar)	13.0

<b>03</b> TURN	Initial Speed (km/h)	189
	Final Speed (km/h)	123
	Stopping Distance (m)	110
	Braking Time (sec)	2.7
	Maximum Deceleration (g)	0.9
	Max Force on Lever (kg)	3.9
	Brake Pressure (bar)	7.5

<b>05</b> TURN	Initial Speed (km/h)	144
	Final Speed (km/h)	63
	Stopping Distance (m)	58
	Braking Time (sec)	2.1
	Maximum Deceleration (g)	1.0
	Max Force on Lever (kg)	4.7
	Brake Pressure (bar)	9.0

<b>06</b> TURN	Initial Speed (km/h)	304
	Final Speed (km/h)	250
	Stopping Distance (m)	109
	Braking Time (sec)	1.4
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	2.3
	Brake Pressure (bar)	4.5

<b>07</b> TURN	Initial Speed (km/h)	258
	Final Speed (km/h)	160
	Stopping Distance (m)	115
	Braking Time (sec)	2.1
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	4.4
	Brake Pressure (bar)	8.5

<b>08</b> TURN	Initial Speed (km/h)	200
	Final Speed (km/h)	125
	Stopping Distance (m)	109
	Braking Time (sec)	2.5
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	4.2
	Brake Pressure (bar)	8.0

<b>09</b> TURN	Initial Speed (km/h)	246
	Final Speed (km/h)	113
	Stopping Distance (m)	164
	Braking Time (sec)	3.4
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	6.0
	Brake Pressure (bar)	11.5

<b>10</b> TURN	Initial Speed (km/h)	149
	Final Speed (km/h)	119
	Stopping Distance (m)	85
	Braking Time (sec)	2.2
	Maximum Deceleration (g)	1.0
	Max Force on Lever (kg)	2.8
	Brake Pressure (bar)	5.5

<b>14</b> TURN	Initial Speed (km/h)	285
	Final Speed (km/h)	183
	Stopping Distance (m)	183
	Braking Time (sec)	2.9
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	3.4
	Brake Pressure (bar)	6.5

<b>16</b> TURN	Initial Speed (km/h)	217
	Final Speed (km/h)	89
	Stopping Distance (m)	148
	Braking Time (sec)	3.5
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.9
	Brake Pressure (bar)	9.5