



# BRAKE CIRCUIT IDENTITY CARD

MOTORLAND ARAGON

The Spanish track stands out for having eight of 17 curves where the travelling speed not exceeding 100 Km/h (62 mph) yet the use of the brakes remains high. The series of quick braking sections on the first stretch of the track puts a great deal of force on the bikes' steel discs, which have a tough time cooling down.

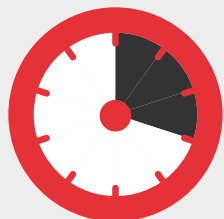
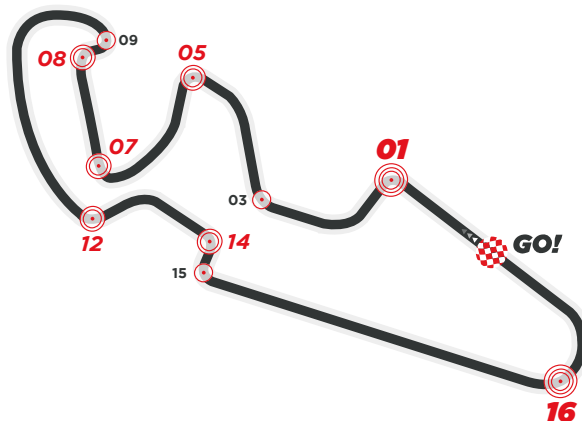
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**SUPERBIKE**  
22-24 SEP 2023 TISSOT ARAGÓN ROUND



CIRCUIT LENGTH: **5.077 Km**

NUMBER OF LAPS: **18**



TIME SPENT BRAKING:  
**30%**

**TURN 01\*, TURN 16\*  
& TURN 12\***  
ARE CONSIDERED THE  
MOST DEMANDING FOR THE  
BRAKING SYSTEM

BRAKES EFFORT:  
**HARD**



## 10 BRAKE ZONES / LAP

<b>01</b> TURN	Initial Speed (km/h)	278
	Final Speed (km/h)	86
	Stopping Distance (m)	221
	Braking Time (sec)	4.4
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	4.5
	Brake Pressure (bar)	9.6

<b>03</b> TURN	Initial Speed (km/h)	201
	Final Speed (km/h)	159
	Stopping Distance (m)	98
	Braking Time (sec)	1.9
	Maximum Deceleration (g)	0.8
	Max Force on Lever (kg)	1.9
	Brake Pressure (bar)	4.1

<b>05</b> TURN	Initial Speed (km/h)	167
	Final Speed (km/h)	85
	Stopping Distance (m)	102
	Braking Time (sec)	3
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	3.6
	Brake Pressure (bar)	7.7

<b>07</b> TURN	Initial Speed (km/h)	201
	Final Speed (km/h)	89
	Stopping Distance (m)	145
	Braking Time (sec)	3.6
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	3.8
	Brake Pressure (bar)	8.2

<b>08</b> TURN	Initial Speed (km/h)	209
	Final Speed (km/h)	96
	Stopping Distance (m)	150
	Braking Time (sec)	3.6
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	3.9
	Brake Pressure (bar)	8.4

<b>09</b> TURN	Initial Speed (km/h)	98
	Final Speed (km/h)	70
	Stopping Distance (m)	40
	Braking Time (sec)	1.7
	Maximum Deceleration (g)	0.7
	Max Force on Lever (kg)	2.5
	Brake Pressure (bar)	5.3

<b>12</b> TURN	Initial Speed (km/h)	254
	Final Speed (km/h)	93
	Stopping Distance (m)	234
	Braking Time (sec)	4.9
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.3
	Brake Pressure (bar)	9.2

<b>14</b> TURN	Initial Speed (km/h)	184
	Final Speed (km/h)	86
	Stopping Distance (m)	120
	Braking Time (sec)	3.2
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	4.2
	Brake Pressure (bar)	9.0

<b>15</b> TURN	Initial Speed (km/h)	96
	Final Speed (km/h)	77
	Stopping Distance (m)	37
	Braking Time (sec)	1.5
	Maximum Deceleration (g)	0.7
	Max Force on Lever (kg)	1.9
	Brake Pressure (bar)	4.0

<b>16</b> TURN	Initial Speed (km/h)	324
	Final Speed (km/h)	136
	Stopping Distance (m)	276
	Braking Time (sec)	4.5
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	4.5
	Brake Pressure (bar)	9.6