



BRAKE CIRCUIT IDENTITY CARD

CIRCUITO DE JEREZ - ANGEL NIETO

After Argentina and the USA, MotoGP returns to Europe to stay there until the end of June. The 4,423 meters (2.75 miles) of the track alternate between slow, fast and very fast corners. The 13 turns (8 right-handers and 5 left-handers) provide numerous places for passing. The significant changes in slope demand a bike that handles well and that is well balanced, in addition to being stable in braking.

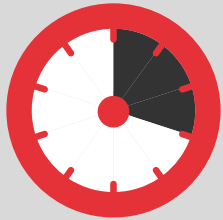
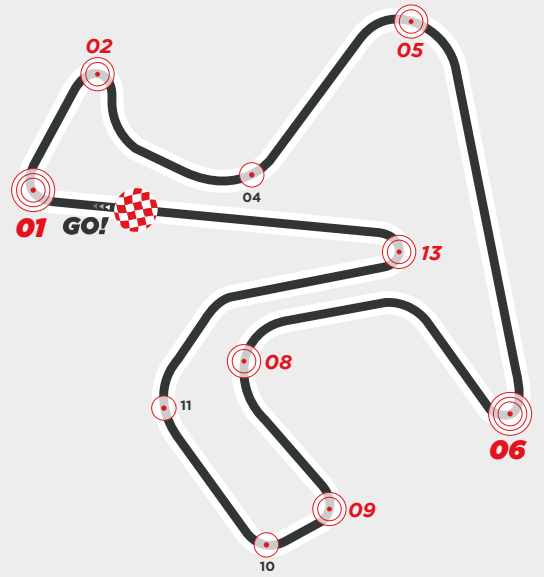
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MOTO GP

28-30 APR 2023 @ GRAN PREMIO DE ESPAÑA



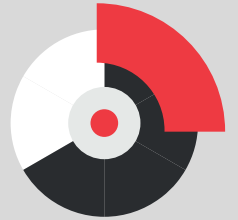
CIRCUIT LENGTH: **4.423 Km**
NUMBER OF LAPS: **25**



TIME SPENT BRAKING:
32%

**TURN 06*, TURN 01*
& TURN 13***
ARE CONSIDERED THE
MOST DEMANDING FOR THE
BRAKING SYSTEM

BRAKES EFFORT:
HARD



10 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	288
	Final Speed (km/h)	90
	Stopping Distance (m)	231
	Braking Time (sec)	4.7
	Maximum Deceleration (g)	1.7
	Max Force on Lever (kg)	6.2
	Brake Pressure (bar)	12.0

02 TURN	Initial Speed (km/h)	169
	Final Speed (km/h)	72
	Stopping Distance (m)	104
	Braking Time (sec)	3.1
	Maximum Deceleration (g)	1.0
	Max Force on Lever (kg)	4.2
	Brake Pressure (bar)	8.0

04 TURN	Initial Speed (km/h)	198
	Final Speed (km/h)	169
	Stopping Distance (m)	60
	Braking Time (sec)	1.2
	Maximum Deceleration (g)	0.9
	Max Force on Lever (kg)	1.8
	Brake Pressure (bar)	3.5

05 TURN	Initial Speed (km/h)	241
	Final Speed (km/h)	126
	Stopping Distance (m)	155
	Braking Time (sec)	3.2
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	4.2
	Brake Pressure (bar)	8.0

06 TURN	Initial Speed (km/h)	299
	Final Speed (km/h)	72
	Stopping Distance (m)	263
	Braking Time (sec)	5.6
	Maximum Deceleration (g)	1.8
	Max Force on Lever (kg)	6.8
	Brake Pressure (bar)	13.0

08 TURN	Initial Speed (km/h)	216
	Final Speed (km/h)	137
	Stopping Distance (m)	115
	Braking Time (sec)	2.5
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	4.7
	Brake Pressure (bar)	9.0

09 TURN	Initial Speed (km/h)	198
	Final Speed (km/h)	101
	Stopping Distance (m)	123
	Braking Time (sec)	3.1
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	4.2
	Brake Pressure (bar)	8.0

10 TURN	Initial Speed (km/h)	133
	Final Speed (km/h)	112
	Stopping Distance (m)	31
	Braking Time (sec)	0.9
	Maximum Deceleration (g)	0.8
	Max Force on Lever (kg)	1.3
	Brake Pressure (bar)	2.5

11 TURN	Initial Speed (km/h)	216
	Final Speed (km/h)	166
	Stopping Distance (m)	99
	Braking Time (sec)	1.9
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	2.1
	Brake Pressure (bar)	4.0

13 TURN	Initial Speed (km/h)	223
	Final Speed (km/h)	79
	Stopping Distance (m)	177
	Braking Time (sec)	4.4
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	5.2
	Brake Pressure (bar)	10.0