



BRAKE CIRCUIT IDENTITY CARD

CIRCUITO DE JEREZ ANGEL NIETO

The track is one the WSBK riders' favourites with points which favour overtaking. The layout of the track require a well-balanced, easy to handle motorcycle, which is stable when braked to be able to attack in the faster curves.

The track is characterized by two very demanding cut outs (the 1 and 6) characterized by deceleration of 1.5 g.

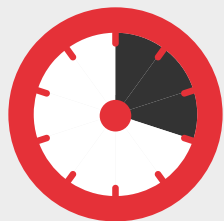
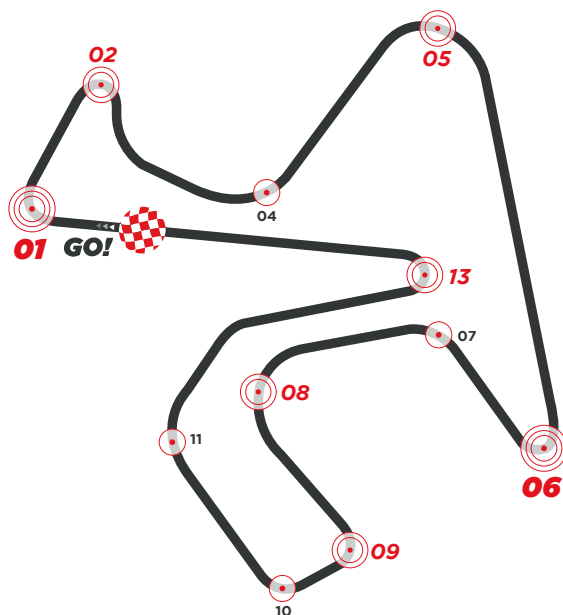
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SUPERBIKE
27-29 OCT 2023 @ PROMETEON SPANISH ROUND



CIRCUIT LENGTH: **4.423 Km**

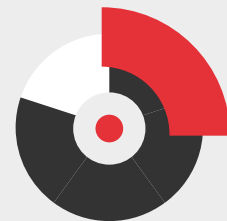
NUMBER OF LAPS: **20**



TIME SPENT BRAKING:
31%

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

BRAKES EFFORT:
HARD



11 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	267
	Final Speed (km/h)	85
	Stopping Distance (m)	197
	Braking Time (sec)	4.2
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	5.4
	Brake Pressure (bar)	11.6

02 TURN	Initial Speed (km/h)	171
	Final Speed (km/h)	69
	Stopping Distance (m)	100
	Braking Time (sec)	3.1
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	4.8
	Brake Pressure (bar)	10.2

04 TURN	Initial Speed (km/h)	192
	Final Speed (km/h)	163
	Stopping Distance (m)	65
	Braking Time (sec)	1.3
	Maximum Deceleration (g)	0.7
	Max Force on Lever (kg)	1.2
	Brake Pressure (bar)	2.5

05 TURN	Initial Speed (km/h)	229
	Final Speed (km/h)	121
	Stopping Distance (m)	136
	Braking Time (sec)	2.9
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	4.7
	Brake Pressure (bar)	10.0

06 TURN	Initial Speed (km/h)	277
	Final Speed (km/h)	61
	Stopping Distance (m)	219
	Braking Time (sec)	4.9
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	5.1
	Brake Pressure (bar)	11.0

07 TURN	Initial Speed (km/h)	185
	Final Speed (km/h)	161
	Stopping Distance (m)	61
	Braking Time (sec)	1.2
	Maximum Deceleration (g)	0.7
	Max Force on Lever (kg)	1.0
	Brake Pressure (bar)	2.1

08 TURN	Initial Speed (km/h)	209
	Final Speed (km/h)	123
	Stopping Distance (m)	118
	Braking Time (sec)	2.6
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	3.9
	Brake Pressure (bar)	8.3

09 TURN	Initial Speed (km/h)	194
	Final Speed (km/h)	96
	Stopping Distance (m)	118
	Braking Time (sec)	2.9
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.9
	Brake Pressure (bar)	10.5

10 TURN	Initial Speed (km/h)	132
	Final Speed (km/h)	108
	Stopping Distance (m)	44
	Braking Time (sec)	1.3
	Maximum Deceleration (g)	0.7
	Max Force on Lever (kg)	1.6
	Brake Pressure (bar)	3.4

11 TURN	Initial Speed (km/h)	214
	Final Speed (km/h)	147
	Stopping Distance (m)	112
	Braking Time (sec)	2.2
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	2.8
	Brake Pressure (bar)	6.1

13 TURN	Initial Speed (km/h)	218
	Final Speed (km/h)	66
	Stopping Distance (m)	157
	Braking Time (sec)	4.1
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	5.3
	Brake Pressure (bar)	11.4