



BRAKE CIRCUIT IDENTITY CARD

CHANG INTERNATIONAL CIRCUIT

The track's layout alternates very long straightways that end with a hard braking session with second and third gear curves where gaining the right pace is essential. Various riders have noticed similarities with the Red Bull Ring, others with the Circuit of the Americas.

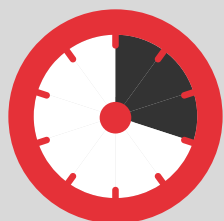
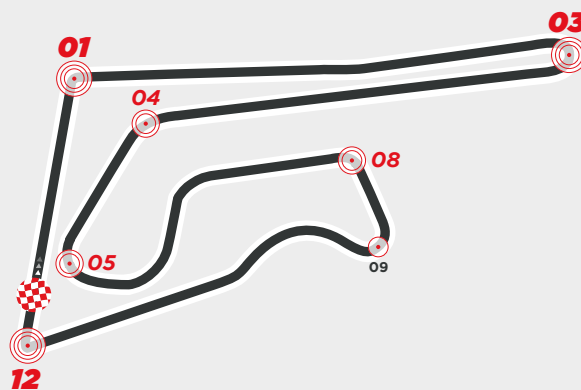
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MOTO GP

27-29 OCT 2023 @ OR THAILAND GRAND PRIX



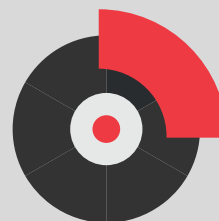
CIRCUIT LENGTH: **4.554 Km**
NUMBER OF LAPS: **26**



TIME SPENT BRAKING:
29%

TURN 03*, TURN 01* & TURN 12*
ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

BRAKES EFFORT:
VERY HARD



07 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	269
	Final Speed (km/h)	119
	Stopping Distance (m)	179
	Braking Time (sec)	3.5
	Maximum Deceleration (g)	1.6
	Max Force on Lever (kg)	5.7
	Brake Pressure (bar)	11.0

03 TURN	Initial Speed (km/h)	327
	Final Speed (km/h)	77
	Stopping Distance (m)	293
	Braking Time (sec)	6
	Maximum Deceleration (g)	1.8
	Max Force on Lever (kg)	5.2
	Brake Pressure (bar)	10.0

04 TURN	Initial Speed (km/h)	314
	Final Speed (km/h)	181
	Stopping Distance (m)	200
	Braking Time (sec)	3
	Maximum Deceleration (g)	1.7
	Max Force on Lever (kg)	4.2
	Brake Pressure (bar)	8.0

05 TURN	Initial Speed (km/h)	215
	Final Speed (km/h)	94
	Stopping Distance (m)	140
	Braking Time (sec)	3.3
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	4.4
	Brake Pressure (bar)	8.5

08 TURN	Initial Speed (km/h)	229
	Final Speed (km/h)	127
	Stopping Distance (m)	133
	Braking Time (sec)	2.8
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.7
	Brake Pressure (bar)	9.0

09 TURN	Initial Speed (km/h)	172
	Final Speed (km/h)	98
	Stopping Distance (m)	86
	Braking Time (sec)	2.4
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	3.1
	Brake Pressure (bar)	6.0

12 TURN	Initial Speed (km/h)	270
	Final Speed (km/h)	72
	Stopping Distance (m)	213
	Braking Time (sec)	4.8
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	4.4
	Brake Pressure (bar)	8.5