



BRAKE CIRCUIT IDENTITY CARD

MISANO WORLD CIRCUIT
MARCO SIMONCELLI

The Misano Adriatico Circuit is characterized by the presence of many braking with deceleration of between 0.8 and 1.5 g. What emerges is a track of high difficulty both in terms of the intensity of the cut outs and as regards the control of the temperature.

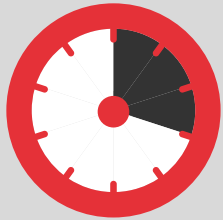
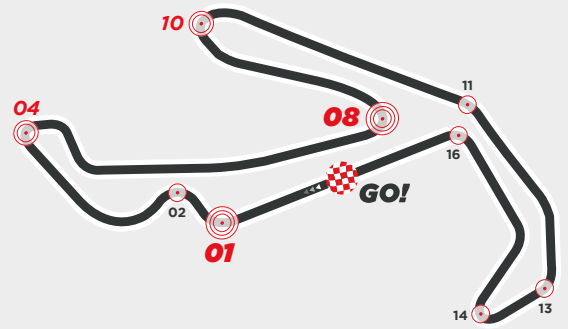
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MOTO GP

08-10 SEP 2023 GRAN PREMIO DI SAN MARINO
E DELLA RIVIERA DI RIMINI



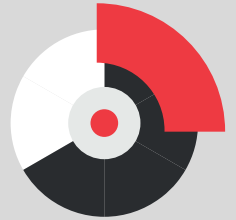
CIRCUIT LENGTH: **4.226 Km**
NUMBER OF LAPS: **27**



TIME SPENT BRAKING:
32%

**TURN 08*, TURN 01*
& TURN 10***
ARE CONSIDERED THE
MOST DEMANDING FOR THE
BRAKING SYSTEM

BRAKES EFFORT:
HARD



09 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	277
	Final Speed (km/h)	119
	Stopping Distance (m)	219
	Braking Time (sec)	4.2
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	6.2
	Brake Pressure (bar)	12.0

02 TURN	Initial Speed (km/h)	119
	Final Speed (km/h)	89
	Stopping Distance (m)	38
	Braking Time (sec)	1.3
	Maximum Deceleration (g)	0.8
	Max Force on Lever (kg)	3.1
	Brake Pressure (bar)	6.0

04 TURN	Initial Speed (km/h)	185
	Final Speed (km/h)	70
	Stopping Distance (m)	137
	Braking Time (sec)	3.7
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	5.7
	Brake Pressure (bar)	11.0

08 TURN	Initial Speed (km/h)	291
	Final Speed (km/h)	83
	Stopping Distance (m)	246
	Braking Time (sec)	5.1
	Maximum Deceleration (g)	1.6
	Max Force on Lever (kg)	6.0
	Brake Pressure (bar)	11.5

10 TURN	Initial Speed (km/h)	243
	Final Speed (km/h)	76
	Stopping Distance (m)	195
	Braking Time (sec)	4.7
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	5.5
	Brake Pressure (bar)	10.5

11 TURN	Initial Speed (km/h)	295
	Final Speed (km/h)	246
	Stopping Distance (m)	86
	Braking Time (sec)	1.2
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	2.8
	Brake Pressure (bar)	5.5

13 TURN	Initial Speed (km/h)	260
	Final Speed (km/h)	144
	Stopping Distance (m)	188
	Braking Time (sec)	3.5
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	2.6
	Brake Pressure (bar)	5.0

14 TURN	Initial Speed (km/h)	142
	Final Speed (km/h)	66
	Stopping Distance (m)	84
	Braking Time (sec)	2.8
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	5.0
	Brake Pressure (bar)	9.5

16 TURN	Initial Speed (km/h)	197
	Final Speed (km/h)	96
	Stopping Distance (m)	108
	Braking Time (sec)	2.7
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	5.2
	Brake Pressure (bar)	10.0