



BRAKE CIRCUIT IDENTITY CARD

MANDALIKA INTERNATIONAL STREET CIRCUIT

After the great attendance of last year, over 102 thousand spectators over the weekend, despite the rain that affected Sunday, MotoGP races again at the Mandalika International Street Circuit.

Last year the race was held under rain with an asphalt temperature of just 28°C, so much so that the best lap was 7.7 seconds slower than pole position, but the Brembo carbon discs were impeccable.

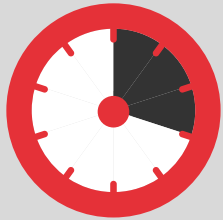
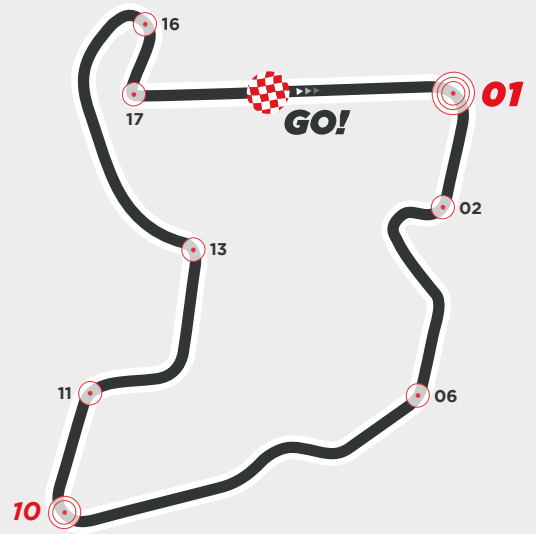
SHOULD YOU PUBLISH ANY OF THE DATA CONTAINED HERE PLEASE QUOTE BREMBO AS SOURCE USED.

MOTO GP

13-15 OCT 2023 @ PERTAMINA GRAND PRIX OF INDONESIA



CIRCUIT LENGTH: **4.301 Km**
NUMBER OF LAPS: **26**



TIME SPENT BRAKING:
30%

TURN 01*, TURN 10* & TURN 13*
ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

BRAKES EFFORT:
MEDIUM



08 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	303
	Final Speed (km/h)	106
	Stopping Distance (m)	228
	Braking Time (sec)	4.4
	Maximum Deceleration (g)	1.8
	Max Force on Lever (kg)	5.5
	Brake Pressure (bar)	10.5

02 TURN	Initial Speed (km/h)	170
	Final Speed (km/h)	93
	Stopping Distance (m)	110
	Braking Time (sec)	2.9
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	3.4
	Brake Pressure (bar)	6.5

06 TURN	Initial Speed (km/h)	222
	Final Speed (km/h)	179
	Stopping Distance (m)	86
	Braking Time (sec)	1.5
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	1.6
	Brake Pressure (bar)	3

10 TURN	Initial Speed (km/h)	274
	Final Speed (km/h)	82
	Stopping Distance (m)	229
	Braking Time (sec)	4.9
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	4.7
	Brake Pressure (bar)	9

11 TURN	Initial Speed (km/h)	189
	Final Speed (km/h)	135
	Stopping Distance (m)	88
	Braking Time (sec)	2
	Maximum Deceleration (g)	0.9
	Max Force on Lever (kg)	3.1
	Brake Pressure (bar)	6

13 TURN	Initial Speed (km/h)	213
	Final Speed (km/h)	127
	Stopping Distance (m)	128
	Braking Time (sec)	2.7
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	3.6
	Brake Pressure (bar)	7

16 TURN	Initial Speed (km/h)	249
	Final Speed (km/h)	73
	Stopping Distance (m)	280
	Braking Time (sec)	6.5
	Maximum Deceleration (g)	0.9
	Max Force on Lever (kg)	2.3
	Brake Pressure (bar)	4.5

17 TURN	Initial Speed (km/h)	142
	Final Speed (km/h)	90
	Stopping Distance (m)	63
	Braking Time (sec)	2
	Maximum Deceleration (g)	0.9
	Max Force on Lever (kg)	2.6
	Brake Pressure (bar)	5