



BRAKE CIRCUIT IDENTITY CARD

**PERTAMINA MANDALIKA
INTERNATIONAL STREET CIRCUIT**

The superbike championship was held for the first time in Indonesia in 1994 but at the *Sentul Circuit*. The main straight section which is only 507 meters (554.4 yards) long stops the bikes from reaching very high speeds but even so, in two parts, deceleration is about 180 km/h (112 mph).

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

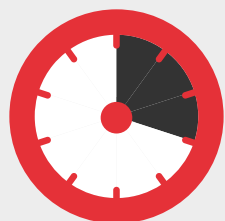
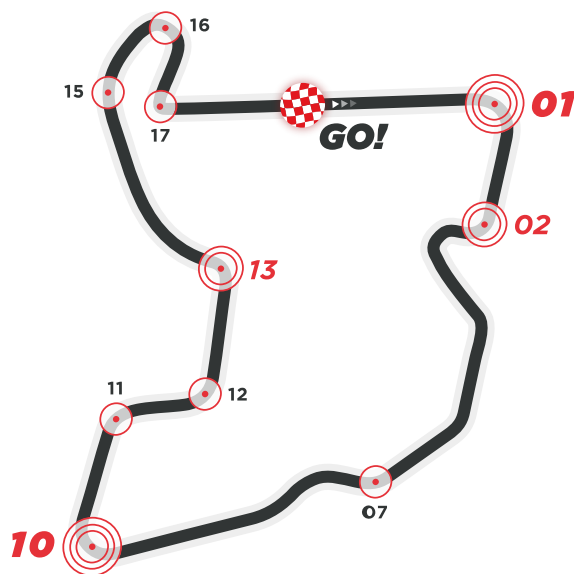
SUPERBIKE

03-05 MAR 2023 MOTUL INDONESIAN ROUND



CIRCUIT LENGTH: **4.300 Km**

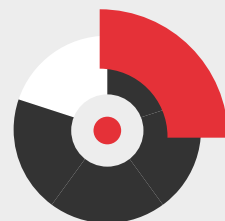
NUMBER OF LAPS: **21**



TIME SPENT BRAKING:
32%

**TURN 01*, TURN 10*
& TURN 02*
ARE CONSIDERED THE
MOST DEMANDING FOR THE
BRAKING SYSTEM**

BRAKES EFFORT:
HARD



10 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	284
	Final Speed (km/h)	101
	Stopping Distance (m)	232
	Braking Time (sec)	4.5
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	5
	Brake Pressure (bar)	10.8

02 TURN	Initial Speed (km/h)	184
	Final Speed (km/h)	95
	Stopping Distance (m)	109
	Braking Time (sec)	2.8
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	4.3
	Brake Pressure (bar)	9.2

07 TURN	Initial Speed (km/h)	222
	Final Speed (km/h)	182
	Stopping Distance (m)	104
	Braking Time (sec)	1.8
	Maximum Deceleration (g)	0.8
	Max Force on Lever (kg)	1.1
	Brake Pressure (bar)	2.4

10 TURN	Initial Speed (km/h)	262
	Final Speed (km/h)	81
	Stopping Distance (m)	209
	Braking Time (sec)	4.6
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	4.8
	Brake Pressure (bar)	10.3

11 TURN	Initial Speed (km/h)	194
	Final Speed (km/h)	129
	Stopping Distance (m)	111
	Braking Time (sec)	2.5
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	3.5
	Brake Pressure (bar)	7.5

12 TURN	Initial Speed (km/h)	166
	Final Speed (km/h)	142
	Stopping Distance (m)	54
	Braking Time (sec)	1.3
	Maximum Deceleration (g)	0.6
	Max Force on Lever (kg)	1.4
	Brake Pressure (bar)	2.9

13 TURN	Initial Speed (km/h)	217
	Final Speed (km/h)	121
	Stopping Distance (m)	147
	Braking Time (sec)	3.1
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	3.7
	Brake Pressure (bar)	7.9

15 TURN	Initial Speed (km/h)	247
	Final Speed (km/h)	150
	Stopping Distance (m)	187
	Braking Time (sec)	3.3
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	2.3
	Brake Pressure (bar)	5

16 TURN	Initial Speed (km/h)	147
	Final Speed (km/h)	63
	Stopping Distance (m)	97
	Braking Time (sec)	3.3
	Maximum Deceleration (g)	0.8
	Max Force on Lever (kg)	2.3
	Brake Pressure (bar)	5

17 TURN	Initial Speed (km/h)	144
	Final Speed (km/h)	82
	Stopping Distance (m)	75
	Braking Time (sec)	2.3
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	3.4
	Brake Pressure (bar)	7.3