

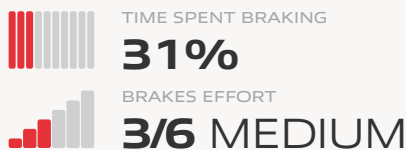
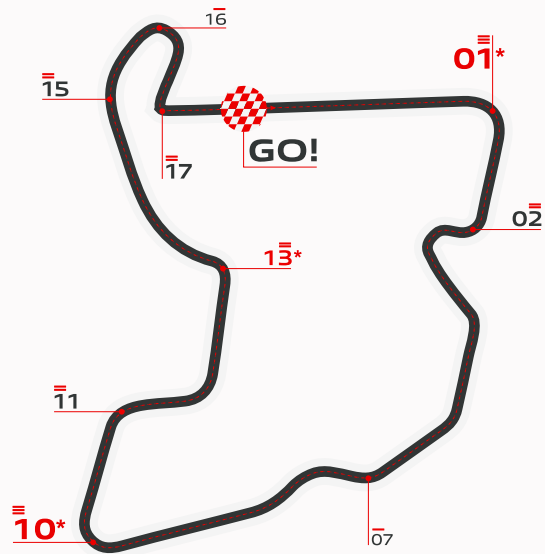
BRAKE CIRCUIT IDENTITY CARD

15 PERTAMINA MANDALIKA CIRCUIT

4,300 m / 27 laps

After the great attendance of last 2 years, over 102 thousand spectators over the weekend, MotoGP races again at the Mandalika International Street Circuit.

In 2022 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.



* Turn 10, Turn 01 & Turn 13 are considered the most demanding for the braking system.

Should you publish any of the data contained here please quote Brembo as source used.

TURN 01*

Initial Speed km/h	305
Final Speed km/h	98
Stopping Distance m	261
Braking Time sec	4.9
Maximum Deceleration g	1.4
Max Force on Lever kg	4.7
Brake Pressure bar	10.0

TURN 02

Initial Speed km/h	185
Final Speed km/h	98
Stopping Distance m	104
Braking Time sec	2.7
Maximum Deceleration g	1.2
Max Force on Lever kg	4.2
Brake Pressure bar	8.9

TURN 07

Initial Speed km/h	221
Final Speed km/h	181
Stopping Distance m	90
Braking Time sec	1.6
Maximum Deceleration g	0.9
Max Force on Lever kg	2.0
Brake Pressure bar	4.2

TURN 10*

Initial Speed km/h	275
Final Speed km/h	85
Stopping Distance m	208
Braking Time sec	4.5
Maximum Deceleration g	1.5
Max Force on Lever kg	5.0
Brake Pressure bar	10.8

TURN 11

Initial Speed km/h	200
Final Speed km/h	130
Stopping Distance m	109
Braking Time sec	2.4
Maximum Deceleration g	1.0
Max Force on Lever kg	4.2
Brake Pressure bar	9.1

TURN 13*

Initial Speed km/h	222
Final Speed km/h	125
Stopping Distance m	142
Braking Time sec	3.0
Maximum Deceleration g	1.2
Max Force on Lever kg	4.6
Brake Pressure bar	9.9

TURN 15

Initial Speed km/h	251
Final Speed km/h	167
Stopping Distance m	155
Braking Time sec	2.6
Maximum Deceleration g	1.1
Max Force on Lever kg	2.9
Brake Pressure bar	6.2

TURN 16

Initial Speed km/h	164
Final Speed km/h	66
Stopping Distance m	124
Braking Time sec	4.1
Maximum Deceleration g	0.9
Max Force on Lever kg	3.2
Brake Pressure bar	6.8

TURN 17

Initial Speed km/h	146
Final Speed km/h	89
Stopping Distance m	83
Braking Time sec	2.5
Maximum Deceleration g	1.0
Max Force on Lever kg	4.6
Brake Pressure bar	9.9