



BRAKE CIRCUIT IDENTITY CARD

03 CIRCUIT OF THE AMERICAS

5,510 m / 20 laps

Enjoyed a two week break after the first two GPs, the MotoGP restarts from Austin, Texas.

The 1,207-metre straight separating turns 11 and 12 allows the braking system to cool down.

Marc Marquez right here, in 2013, became the youngest winner in the Premier class, snatching the record from Freddie Spencer.



TIME SPENT BRAKING

26%



BRAKES EFFORT

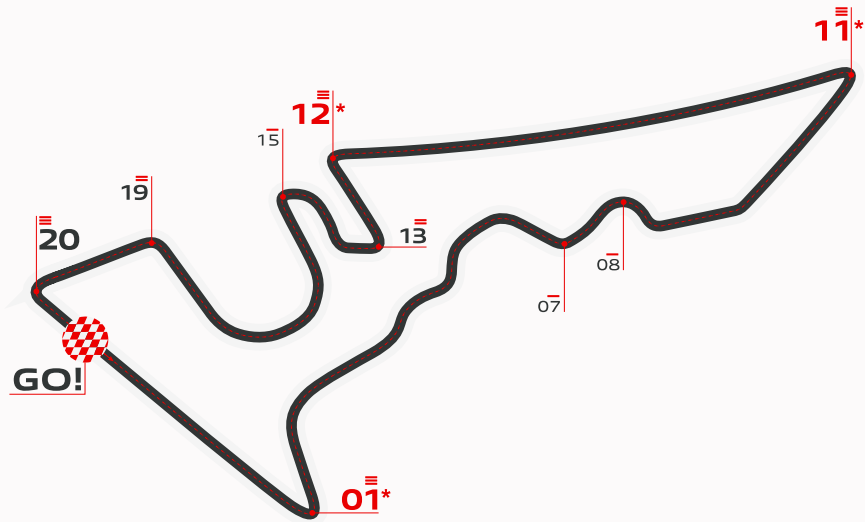
3/6 MEDIUM

* Turn 01, Turn 12 & Turn 11 are considered the most demanding for the braking system.

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

RED BULL GRAND PRIX OF THE AMERICAS

United States 12th April - 14th April 2024



Initial Speed km/h	308
Final Speed km/h	56
Stopping Distance m	234
Braking Time sec	5.2
Maximum Deceleration g	1.5
Max Force on Lever kg	6.1
Brake Pressure bar	13.1



Initial Speed km/h	143
Final Speed km/h	122
Stopping Distance m	54
Braking Time sec	1.4
Maximum Deceleration g	0.5
Max Force on Lever kg	0.9
Brake Pressure bar	1.9



Initial Speed km/h	146
Final Speed km/h	104
Stopping Distance m	67
Braking Time sec	1.9
Maximum Deceleration g	0.7
Max Force on Lever kg	2.1
Brake Pressure bar	4.4



Initial Speed km/h	254
Final Speed km/h	57
Stopping Distance m	190
Braking Time sec	5.0
Maximum Deceleration g	1.5
Max Force on Lever kg	5.3
Brake Pressure bar	11.4



Initial Speed km/h	338
Final Speed km/h	65
Stopping Distance m	293
Braking Time sec	5.8
Maximum Deceleration g	1.5
Max Force on Lever kg	5.8
Brake Pressure bar	12.5



Initial Speed km/h	163
Final Speed km/h	77
Stopping Distance m	94
Braking Time sec	2.9
Maximum Deceleration g	1.0
Max Force on Lever kg	3.5
Brake Pressure bar	7.6



Initial Speed km/h	155
Final Speed km/h	58
Stopping Distance m	97
Braking Time sec	3.5
Maximum Deceleration g	1.0
Max Force on Lever kg	3.3
Brake Pressure bar	7.0



Initial Speed km/h	199
Final Speed km/h	118
Stopping Distance m	119
Braking Time sec	2.7
Maximum Deceleration g	1.0
Max Force on Lever kg	3.5
Brake Pressure bar	7.4



Initial Speed km/h	201
Final Speed km/h	72
Stopping Distance m	123
Braking Time sec	3.4
Maximum Deceleration g	1.3
Max Force on Lever kg	5.2
Brake Pressure bar	11.1