

2019 FORMULA 1

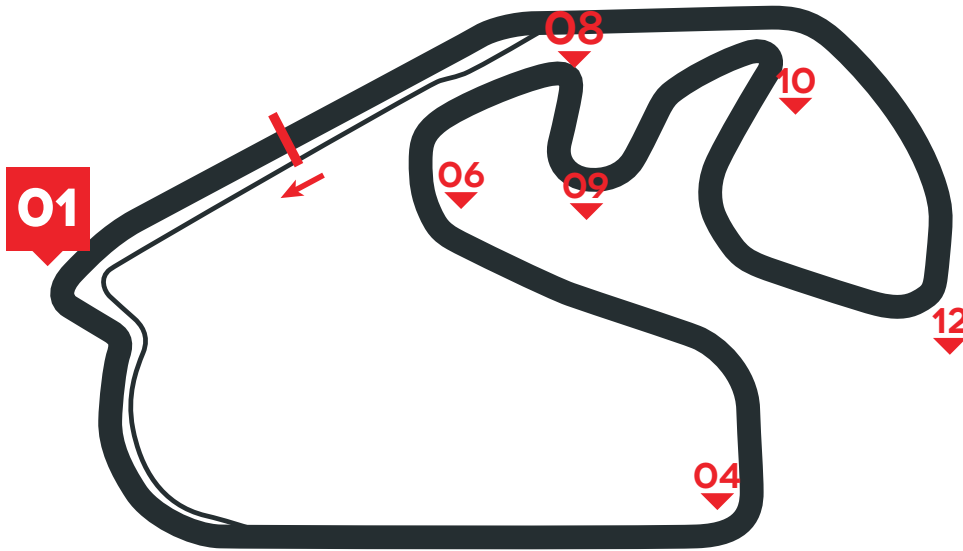
GRANDE PRÊMIO DO BRASIL



BRAKE CIRCUIT
IDENTITY CARDS
15-17 NOV 2019

BRAKES EFFORT **MEDIUM**

TIME SPENT BRAKING **19%**



 **brembo** DATA

This is a very "driven" track with long, fast turns that translate into not-so-demanding braking sections.

Of the track's 7 braking sections, only two are particularly difficult for the braking system which has plenty of time to cool down despite the fact that the drivers have a foot on the brake pedal for about 19% of the time.

CIRCUIT DATA

Length: **4,309 m** - Number of laps: **71**
Number of brake zones/lap: **07**

IMPORTANT

***TURN 01** is considered the most demanding for the braking system.

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

01*		
Initial speed	346	(Km/h)
Final speed	131	(Km/h)
Stopping distance	135	(m)
Braking time	2.32	(sec)
Maximum deceleration	5.6	(g)
Maximum pedal load	168	(Kg)
Braking power	3033	(Kw)

04		
Initial speed	345	(Km/h)
Final speed	178	(Km/h)
Stopping distance	103	(m)
Braking time	1.52	(sec)
Maximum deceleration	5.2	(g)
Maximum pedal load	102	(Kg)
Braking power	2543	(Kw)

06		
Initial speed	308	(Km/h)
Final speed	215	(Km/h)
Stopping distance	130	(m)
Braking time	1.79	(sec)
Maximum deceleration	1.8	(g)
Maximum pedal load	43	(Kg)
Braking power	382	(Kw)

08		
Initial speed	257	(Km/h)
Final speed	100	(Km/h)
Stopping distance	100	(m)
Braking time	2.26	(sec)
Maximum deceleration	3.8	(g)
Maximum pedal load	110	(Kg)
Braking power	1491	(Kw)

09		
Initial speed	151	(Km/h)
Final speed	123	(Km/h)
Stopping distance	32	(m)
Braking time	0.84	(sec)
Maximum deceleration	0.9	(g)
Maximum pedal load	10	(Kg)
Braking power	99	(Kw)

10		
Initial speed	241	(Km/h)
Final speed	99	(Km/h)
Stopping distance	96	(m)
Braking time	2.26	(sec)
Maximum deceleration	3.2	(g)
Maximum pedal load	93	(Kg)
Braking power	1167	(Kw)

12		
Initial speed	283	(Km/h)
Final speed	132	(Km/h)
Stopping distance	99	(m)
Braking time	1.92	(sec)
Maximum deceleration	4.6	(g)
Maximum pedal load	115	(Kg)
Braking power	1657	(Kw)