

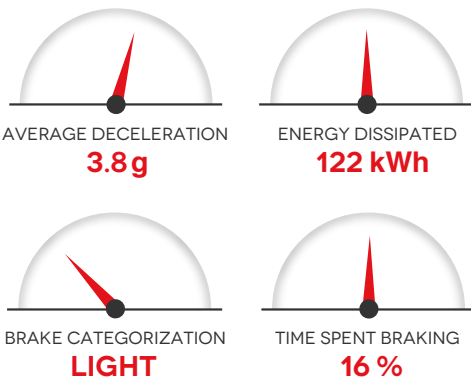


F1 | BRAKE CIRCUIT IDENTITY CARDS

FORMULA 1 GRANDE
PRÊMIO DO BRASIL 2016

11-13 NOV 2015

AUTÓDROMO JOSÉ CARLOS PACE (SÃO PAULO)



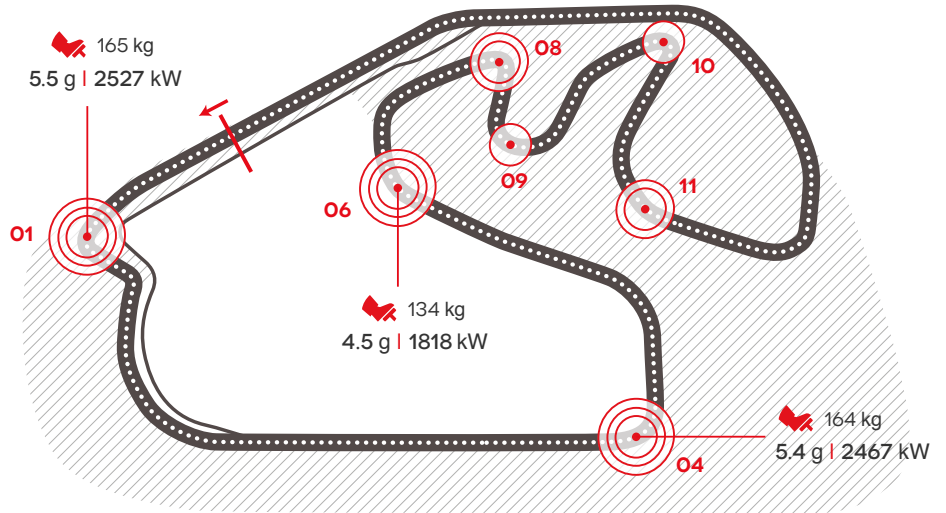
CIRCUIT DATA

Length: 4,309 m
Number of laps: 71
Number of brake zones/lap: 7

COMMENT

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, none 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 16% of the time.

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



01*

Initial speed	343	(Km/h)
Final speed	98	(Km/h)
Stopping distance	137	(m)
Braking time	1.42	(sec)
Maximum deceleration	5.5	(g)
Maximum pedal load	165	(Kg)
Braking power	2527	(Kw)

06

Initial speed	302	(Km/h)
Final speed	189	(Km/h)
Stopping distance	128	(m)
Braking time	0.86	(sec)
Maximum deceleration	4.5	(g)
Maximum pedal load	134	(Kg)
Braking power	1818	(Kw)

09

Initial speed	140	(Km/h)
Final speed	101	(Km/h)
Stopping distance	46	(m)
Braking time	0.80	(sec)
Maximum deceleration	1.6	(g)
Maximum pedal load	49	(Kg)
Braking power	154	(Kw)

11

Initial speed	278	(Km/h)
Final speed	112	(Km/h)
Stopping distance	110	(m)
Braking time	1.29	(sec)
Maximum deceleration	3.9	(g)
Maximum pedal load	119	(Kg)
Braking power	1456	(Kw)

04

Initial speed	340	(Km/h)
Final speed	133	(Km/h)
Stopping distance	121	(m)
Braking time	1.25	(sec)
Maximum deceleration	5.4	(g)
Maximum pedal load	164	(Kg)
Braking power	2467	(Kw)

08

Initial speed	235	(Km/h)
Final speed	91	(Km/h)
Stopping distance	90	(m)
Braking time	1.17	(sec)
Maximum deceleration	3.0	(g)
Maximum pedal load	92	(Kg)
Braking power	921	(Kw)

10

Initial speed	225	(Km/h)
Final speed	91	(Km/h)
Stopping distance	93	(m)
Braking time	1.24	(sec)
Maximum deceleration	2.9	(g)
Maximum pedal load	86	(Kg)
Braking power	824	(Kw)