

2019 FORMULA 1

# JAPANESE GRAND PRIX

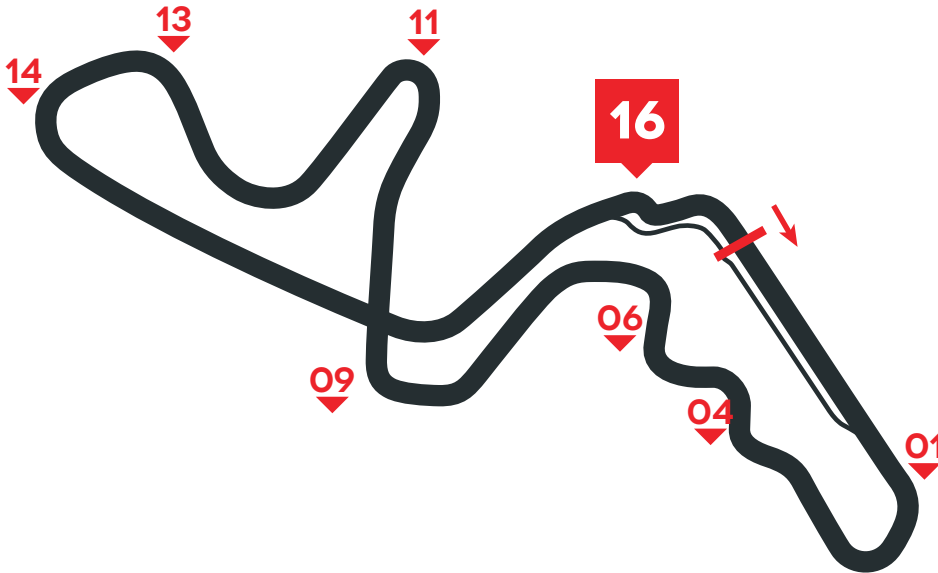


**BRAKE CIRCUIT  
IDENTITY CARDS**  
11-13 OCT 2019

BRAKES EFFORT **LIGHT**

TIME SPENT BRAKING **15%**

**brembo** DATA



As with all the very "driven" tracks, at Suzuka the long, fast turns also determine not-so-demanding braking. In fact, the single-seaters do not face any particularly sudden braking sections except for the 16 turn where they go from more than 315 km/h (196 mph) to about 103 km/h (64 mph) in around 120 metres (394 feet).

## CIRCUIT DATA

Length: **5,807 m** - Number of laps: **53**  
Number of brake zones/lap: **08**

## IMPORTANT

**\*TURN 16** 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	323	(Km/h)
Final speed	173	(Km/h)
Stopping distance	177	(m)
Braking time	2.65	(sec)
Maximum deceleration	3.3	(g)
Maximum pedal load	113	(Kg)
Braking power	1011	(Kw)

09		
Initial speed	304	(Km/h)
Final speed	238	(Km/h)
Stopping distance	87	(m)
Braking time	1.19	(sec)
Maximum deceleration	2.8	(g)
Maximum pedal load	42	(Kg)
Braking power	468	(Kw)

14		
Initial speed	226	(Km/h)
Final speed	184	(Km/h)
Stopping distance	49	(m)
Braking time	0.85	(sec)
Maximum deceleration	1.5	(g)
Maximum pedal load	17	(Kg)
Braking power	201	(Kw)

04		
Initial speed	257	(Km/h)
Final speed	209	(Km/h)
Stopping distance	73	(m)
Braking time	1.11	(sec)
Maximum deceleration	1.2	(g)
Maximum pedal load	17	(Kg)
Braking power	119	(Kw)

11		
Initial speed	284	(Km/h)
Final speed	80	(Km/h)
Stopping distance	121	(m)
Braking time	2.82	(sec)
Maximum deceleration	3.5	(g)
Maximum pedal load	128	(Kg)
Braking power	1936	(Kw)

16*		
Initial speed	315	(Km/h)
Final speed	103	(Km/h)
Stopping distance	120	(m)
Braking time	2.41	(sec)
Maximum deceleration	5.3	(g)
Maximum pedal load	164	(Kg)
Braking power	2552	(Kw)

06		
Initial speed	238	(Km/h)
Final speed	194	(Km/h)
Stopping distance	53	(m)
Braking time	0.88	(sec)
Maximum deceleration	1.4	(g)
Maximum pedal load	16	(Kg)
Braking power	191	(Kw)

13		
Initial speed	318	(Km/h)
Final speed	229	(Km/h)
Stopping distance	86	(m)
Braking time	1.16	(sec)
Maximum deceleration	3.1	(g)
Maximum pedal load	47	(Kg)
Braking power	800	(Kw)