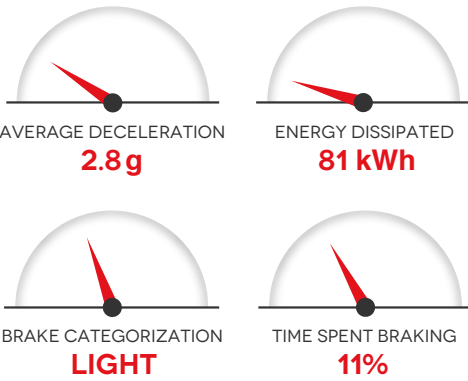


# F1 | BRAKE CIRCUIT IDENTITY CARDS

2016 FORMULA 1 EMIRATES  
JAPANESE GRAND PRIX

**07-09 OCT 2016**

## SUZUKA INTERNATIONAL RACING COURSE (SUZUKA)



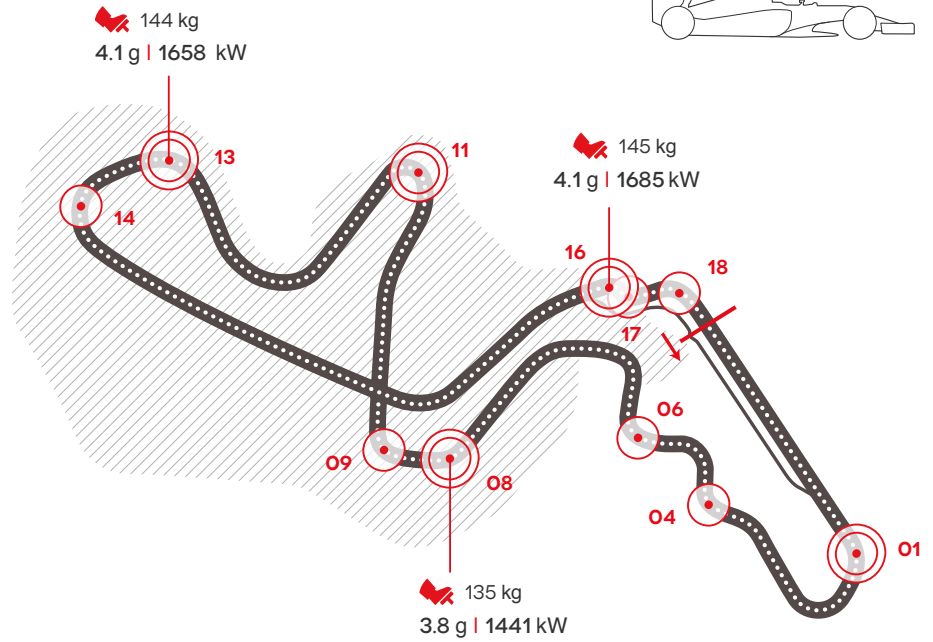
### CIRCUIT DATA

**Length: 5,807 m**  
**Number of laps: 53**  
**Number of brake zones/lap: 11**

### COMMENT

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 300 kph to about 85 kph in less than 150 metres.

**\* Turn 16 is considered the most demanding for the braking system.**



01		
Initial speed	318	(Km/h)
Final speed	117	(Km/h)
Stopping distance	81	(m)
Braking time	1.08	(sec)
Maximum deceleration	4.3	(g)
Maximum pedal load	114	(Kg)
Braking power	1189	(Kw)

06		
Initial speed	205	(Km/h)
Final speed	155	(Km/h)
Stopping distance	23	(m)
Braking time	0.77	(sec)
Maximum deceleration	2.3	(g)
Maximum pedal load	83	(Kg)
Braking power	589	(Kw)

09		
Initial speed	218	(Km/h)
Final speed	109	(Km/h)
Stopping distance	86	(m)
Braking time	1.16	(sec)
Maximum deceleration	2.5	(g)
Maximum pedal load	93	(Kg)
Braking power	662	(Kw)

13		
Initial speed	304	(Km/h)
Final speed	150	(Km/h)
Stopping distance	99	(m)
Braking time	1.10	(sec)
Maximum deceleration	4.1	(g)
Maximum pedal load	144	(Kg)
Braking power	1658	(Kw)

16*		
Initial speed	306	(Km/h)
Final speed	85	(Km/h)
Stopping distance	144	(m)
Braking time	1.62	(sec)
Maximum deceleration	4.1	(g)
Maximum pedal load	145	(Kg)
Braking power	1685	(Kw)

18		
Initial speed	87	(Km/h)
Final speed	80	(Km/h)
Stopping distance	18	(m)
Braking time	0.72	(sec)
Maximum deceleration	1.0	(g)
Maximum pedal load	41	(Kg)
Braking power	144	(Kw)

04		
Initial speed	229	(Km/h)
Final speed	185	(Km/h)
Stopping distance	18	(m)
Braking time	0.68	(sec)
Maximum deceleration	2.7	(g)
Maximum pedal load	62	(Kg)
Braking power	571	(Kw)

08		
Initial speed	289	(Km/h)
Final speed	167	(Km/h)
Stopping distance	79	(m)
Braking time	0.96	(sec)
Maximum deceleration	3.8	(g)
Maximum pedal load	135	(Kg)
Braking power	1441	(Kw)

11		
Initial speed	262	(Km/h)
Final speed	66	(Km/h)
Stopping distance	113	(m)
Braking time	1.68	(sec)
Maximum deceleration	3.3	(g)
Maximum pedal load	112	(Kg)
Braking power	1121	(Kw)

14		
Initial speed	192	(Km/h)
Final speed	141	(Km/h)
Stopping distance	24	(m)
Braking time	0.78	(sec)
Maximum deceleration	2.1	(g)
Maximum pedal load	76	(Kg)
Braking power	471	(Kw)

17		
Initial speed	80	(Km/h)
Final speed	76	(Km/h)
Stopping distance	18	(m)
Braking time	0.69	(sec)
Maximum deceleration	1.0	(g)
Maximum pedal load	41	(Kg)
Braking power	133	(Kw)