

DATI CIRCUITO

Length: 5,807 m
Number of laps: 53
Type of circuit: Light
Number of brakings: 11
Time spent under braking per lap: 10%

SUZUKA CIRCUIT (SUZUKA)

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 130R turn where they go from more than 300 kph to about 120 kph in less than 100 metres.

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

01

Initial speed	306	(Km/h)
Final speed	130	(Km/h)
Stopping distance	53	(m)
Braking time	1.10	(sec)
Maximum deceleration	4.22	(g)
Maximum pedal load	90	(Kg)
Braking power	1124	(Kw)

06

Initial speed	202	(Km/h)
Final speed	179	(Km/h)
Stopping distance	15	(m)
Braking time	0.28	(sec)
Maximum deceleration	2.52	(g)
Maximum pedal load	68	(Kg)
Braking power	655	(Kw)

09

Initial speed	214	(Km/h)
Final speed	120	(Km/h)
Stopping distance	59	(m)
Braking time	1.31	(sec)
Maximum deceleration	2.71	(g)
Maximum pedal load	75	(Kg)
Braking power	712	(Kw)

13

Initial speed	293	(Km/h)
Final speed	173	(Km/h)
Stopping distance	73	(m)
Braking time	1.16	(sec)
Maximum deceleration	4.08	(g)
Maximum pedal load	111	(Kg)
Braking power	1491	(Kw)

16*

Initial speed	295	(Km/h)
Final speed	89	(Km/h)
Stopping distance	123	(m)
Braking time	2.53	(sec)
Maximum deceleration	4.12	(g)
Maximum pedal load	112	(Kg)
Braking power	1512	(Kw)

04

Initial speed	224	(Km/h)
Final speed	218	(Km/h)
Stopping distance	4	(m)
Braking time	0.06	(sec)
Maximum deceleration	2.86	(g)
Maximum pedal load	53	(Kg)
Braking power	641	(Kw)

08

Initial speed	279	(Km/h)
Final speed	195	(Km/h)
Stopping distance	51	(m)
Braking time	0.79	(sec)
Maximum deceleration	3.82	(g)
Maximum pedal load	105	(Kg)
Braking power	1321	(Kw)

11

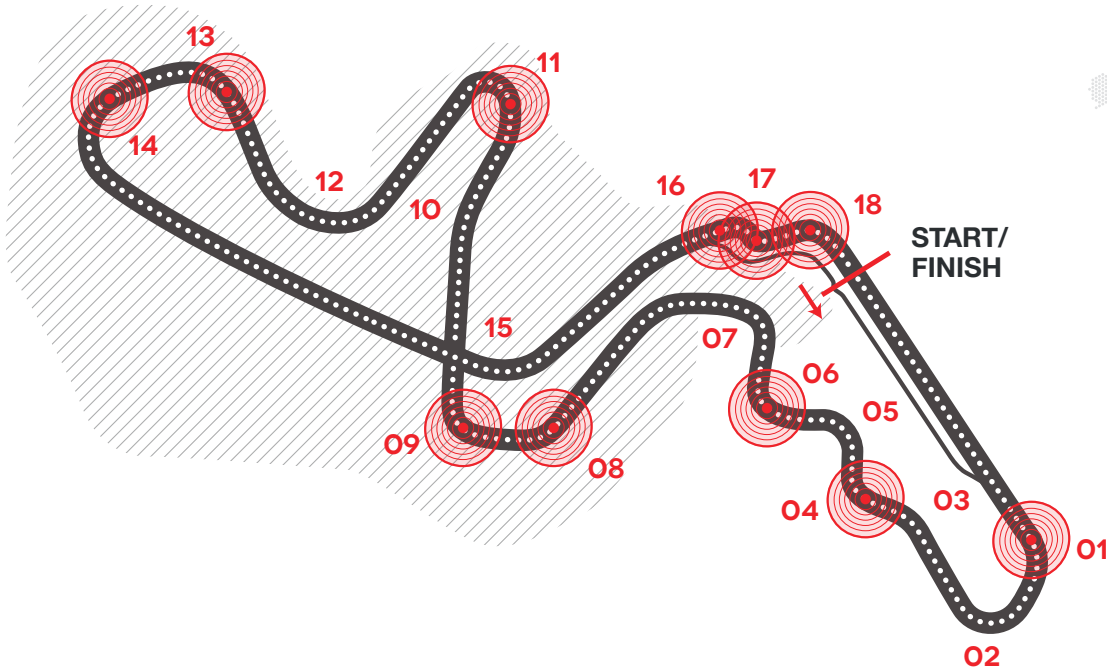
Initial speed	254	(Km/h)
Final speed	65	(Km/h)
Stopping distance	89	(m)
Braking time	2.67	(sec)
Maximum deceleration	3.37	(g)
Maximum pedal load	89	(Kg)
Braking power	1071	(Kw)

14

Initial speed	190	(Km/h)
Final speed	162	(Km/h)
Stopping distance	16	(m)
Braking time	0.32	(sec)
Maximum deceleration	2.35	(g)
Maximum pedal load	63	(Kg)
Braking power	563	(Kw)

17

Initial speed	87	(Km/h)
Final speed	77	(Km/h)
Stopping distance	3	(m)
Braking time	0.09	(sec)
Maximum deceleration	1.35	(g)
Maximum pedal load	38	(Kg)
Braking power	151	(Kw)



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18

Initial speed	93	(Km/h)
Final speed	83	(Km/h)
Stopping distance	4	(m)
Braking time	0.15	(sec)
Maximum deceleration	1.40	(g)
Maximum pedal load	38	(Kg)
Braking power	161	(Kw)

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