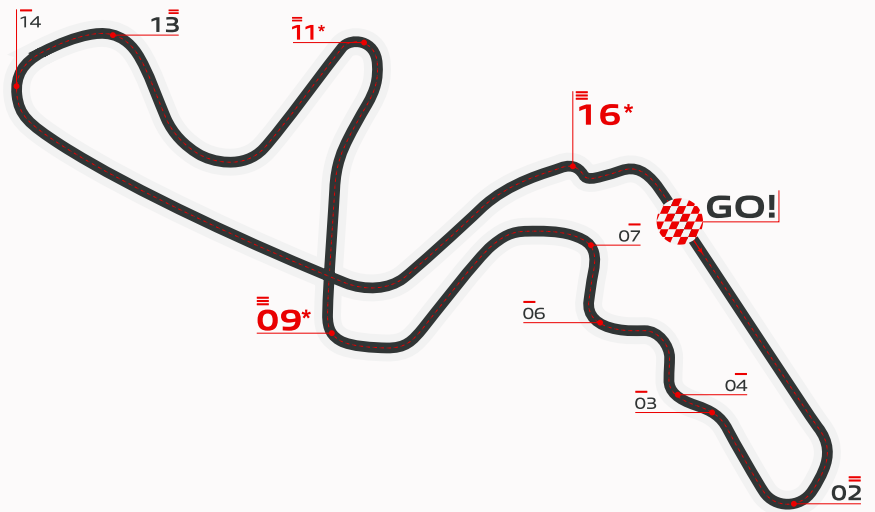


## BRAKE CIRCUIT IDENTITY CARD

### 04 SUZUKA INTERNATIONAL RACING COURSE

5,807 m / 53 laps

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 289 km/h (180 mph) to 92 km/h (57 mph) in around 100 meters (328 feet).



<b>TURN 02</b>	Initial Speed km/h	287
	Final Speed km/h	163
	Stopping Distance m	90
	Braking Time sec	1.46
	Maximum Deceleration g	3.2
	Max Force on Lever kg	89
	Braking Power kW	1191

<b>TURN 03</b>	Initial Speed km/h	243
	Final Speed km/h	227
	Stopping Distance m	16
	Braking Time sec	0.24
	Maximum Deceleration g	2.5
	Max Force on Lever kg	51
	Braking Power kW	648

<b>TURN 04</b>	Initial Speed km/h	245
	Final Speed km/h	217
	Stopping Distance m	26
	Braking Time sec	0.43
	Maximum Deceleration g	2.6
	Max Force on Lever kg	61
	Braking Power kW	738

<b>TURN 06</b>	Initial Speed km/h	227
	Final Speed km/h	188
	Stopping Distance m	38
	Braking Time sec	0.66
	Maximum Deceleration g	2.3
	Max Force on Lever kg	49
	Braking Power kW	579

<b>TURN 07</b>	Initial Speed km/h	278
	Final Speed km/h	250
	Stopping Distance m	28
	Braking Time sec	0.37
	Maximum Deceleration g	3.0
	Max Force on Lever kg	68
	Braking Power kW	1036

<b>TURN 09*</b>	Initial Speed km/h	253
	Final Speed km/h	123
	Stopping Distance m	77
	Braking Time sec	1.56
	Maximum Deceleration g	4.2
	Max Force on Lever kg	134
	Braking Power kW	1915

<b>TURN 11*</b>	Initial Speed km/h	269
	Final Speed km/h	82
	Stopping Distance m	96
	Braking Time sec	2.46
	Maximum Deceleration g	4.0
	Max Force on Lever kg	124
	Braking Power kW	1742

<b>TURN 13</b>	Initial Speed km/h	286
	Final Speed km/h	230
	Stopping Distance m	45
	Braking Time sec	0.63
	Maximum Deceleration g	3.4
	Max Force on Lever kg	89
	Braking Power kW	1405

<b>TURN 14</b>	Initial Speed km/h	228
	Final Speed km/h	157
	Stopping Distance m	56
	Braking Time sec	1.05
	Maximum Deceleration g	2.7
	Max Force on Lever kg	71
	Braking Power kW	866

<b>TURN 16*</b>	Initial Speed km/h	289
	Final Speed km/h	92
	Stopping Distance m	103
	Braking Time sec	2.19
	Maximum Deceleration g	4.5
	Max Force on Lever kg	141
	Braking Power kW	2250



TIME SPENT BRAKING

**12%**

BRAKES EFFORT

**1/5 VERY EASY**

\* Turn 16, Turn 09 & Turn 11 are considered the most demanding for the braking system.

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