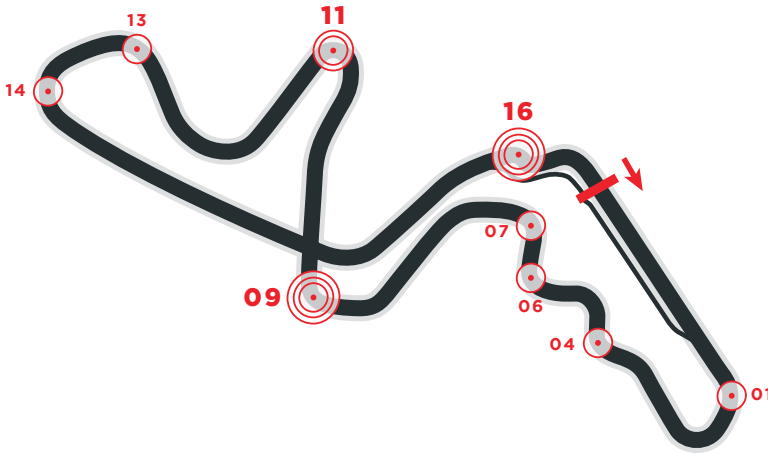




2022 FORMULA 1 JAPANESE GRAND PRIX

07-09 OTC 2022



BRAKE CIRCUIT IDENTITY CARD

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 273 km/h (170 mph) to about 85 km/h (53 mph) in around 100 meters (328 feet).

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

BRAKES EFFORT LIGHT

TIME SPENT BRAKING 13%

TURN 16*, TURN 09* AND TURN 11* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

CIRCUIT LENGTH 5.807 M

NUMBER OF LAPS 53

NUMBER OF BRAKE ZONES/LAP 09

01	Initial speed	296	(Km/h)
	Final speed	162	(Km/h)
	Stopping distance	116	(m)
	Braking time	1.93	(sec)
	Maximum deceleration	2.8	(g)
	Maximum pedal load	56	(Kg)
	Braking power	812	(Kw)

04	Initial speed	239	(Km/h)
	Final speed	210	(Km/h)
	Stopping distance	32	(m)
	Braking time	0.51	(sec)
	Maximum deceleration	2.5	(g)
	Maximum pedal load	48	(Kg)
	Braking power	628	(Kw)

06	Initial speed	230	(Km/h)
	Final speed	181	(Km/h)
	Stopping distance	52	(m)
	Braking time	0.93	(sec)
	Maximum deceleration	2.2	(g)
	Maximum pedal load	43	(Kg)
	Braking power	534	(Kw)

07	Initial speed	275	(Km/h)
	Final speed	249	(Km/h)
	Stopping distance	23	(m)
	Braking time	0.32	(sec)
	Maximum deceleration	2.9	(g)
	Maximum pedal load	62	(Kg)
	Braking power	925	(Kw)

09	Initial speed	250	(Km/h)
	Final speed	124	(Km/h)
	Stopping distance	74	(m)
	Braking time	1.57	(sec)
	Maximum deceleration	4.3	(g)
	Maximum pedal load	133	(Kg)
	Braking power	1856	(Kw)

11	Initial speed	251	(Km/h)
	Final speed	75	(Km/h)
	Stopping distance	92	(m)
	Braking time	2.30	(sec)
	Maximum deceleration	3.6	(g)
	Maximum pedal load	110	(Kg)
	Braking power	1374	(Kw)

13	Initial speed	275	(Km/h)
	Final speed	223	(Km/h)
	Stopping distance	45	(m)
	Braking time	0.66	(sec)
	Maximum deceleration	3.1	(g)
	Maximum pedal load	75	(Kg)
	Braking power	1145	(Kw)

14	Initial speed	223	(Km/h)
	Final speed	157	(Km/h)
	Stopping distance	62	(m)
	Braking time	1.21	(sec)
	Maximum deceleration	2.3	(g)
	Maximum pedal load	54	(Kg)
	Braking power	645	(Kw)

16	Initial speed	273	(Km/h)
	Final speed	85	(Km/h)
	Stopping distance	100	(m)
	Braking time	2.33	(sec)
	Maximum deceleration	4.7	(g)
	Maximum pedal load	139	(Kg)
	Braking power	2225	(Kw)