

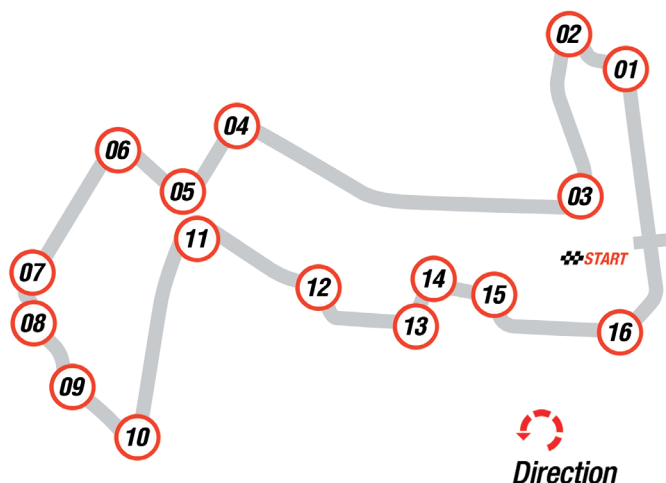


Circuits Identity Card *Formula 1*

Singapore | Singapore

27/09/2009

2009



International Circuit



- Length: **5.067 m**
- Number of laps: **61**
- Type of circuit: **Hard**
- Number of brakings: **16**
- Pole 2008: **F. Massa - Ferrari 1'44"801**
- Time spent under braking per lap: **14%**
- Expected time spent under brake on 2009: **19%**

01

SEASON DATA 2008 FORECAST DATA 2009

Initial speed	288,6	287	[Km/h]
Final speed	164,2	173,2	[Km/h]
Stopping distance	71,7	66,11	[m]
Braking time	1,186	1,07	[sec]
Maximum deceleration	4,327	4,4	[g]
Maximum pedal load	108,1	112,2	[Kg]
Braking power	1.657	1.700	[KW]

02

Initial speed	166,5	164,5	[Km/h]
Final speed	78,69	87,35	[Km/h]
Stopping distance	55,15	49,33	[m]
Braking time	1,704	1,45	[sec]
Maximum deceleration	2,138	2,0	[g]
Maximum pedal load	50,34	48,6	[Kg]
Braking power	451,2	429	[KW]

03

Initial speed	251,3	249,2	[Km/h]
Final speed	152,4	162	[Km/h]
Stopping distance	59	53,09	[m]
Braking time	1,085	0,95	[sec]
Maximum deceleration	3,56	3,5	[g]
Maximum pedal load	86,74	88,18	[Kg]
Braking power	1.168	1.169	[KW]

04

Initial speed	291,9	290	[Km/h]
Final speed	110,6	120,2	[Km/h]
Stopping distance	104,8	100,2	[m]
Braking time	2,049	1,91	[sec]
Maximum deceleration	4,401	4,4	[g]
Maximum pedal load	109,8	113,9	[Kg]
Braking power	1.704	1,747	[KW]

05

Initial speed	206,2	203,5	[Km/h]
Final speed	70,87	81,9	[Km/h]
Stopping distance	84,41	74,02	[m]
Braking time	2,484	1,98	[sec]
Maximum deceleration	2,77	2,7	[g]
Maximum pedal load	67,61	66,41	[Kg]
Braking power	732,8	708	[KW]

06

Initial speed	193,3	191,5	[Km/h]
Final speed	127,3	137,3	[Km/h]
Stopping distance	41,39	34,88	[m]
Braking time	0,951	0,78	[sec]
Maximum deceleration	2,574	2,5	[g]
Maximum pedal load	59,6	59,06	[Kg]
Braking power	616,7	603	[KW]

07

Initial speed	266	263,2	[Km/h]
Final speed	137,8	145,9	[Km/h]
Stopping distance	75,55	70,7	[m]
Braking time	1,411	1,30	[sec]
Maximum deceleration	3,849	3,8	[g]
Maximum pedal load	96,15	97,72	[Kg]
Braking power	1.361	1.361	[KW]

08

Initial speed	136	141,3	[Km/h]
Final speed	112,2	119,5	[Km/h]
Stopping distance	14,71	14,32	[m]
Braking time	0,43	0,40	[sec]
Maximum deceleration	1,84	1,8	[g]
Maximum pedal load	43,66	42,77	[Kg]
Braking power	307,2	310	[KW]



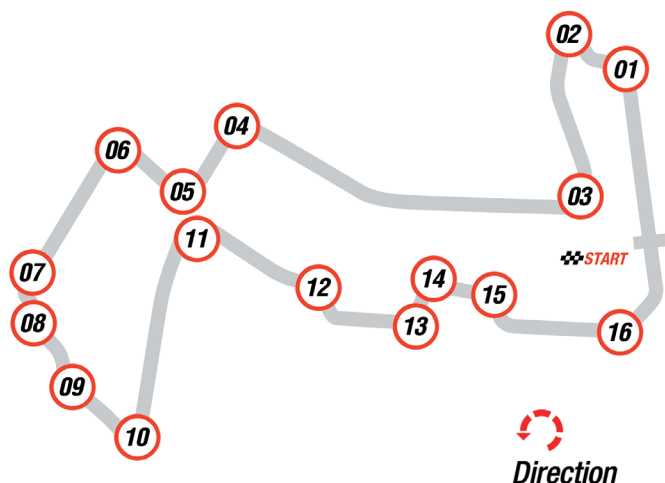
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09

SEASON DATA
2008

FORECAST DATA
2009

Initial speed	154,7	155,2	[Km/h]
Final speed	112,8	120,6	[Km/h]
Stopping distance	25,62	22,46	[m]
Braking time	0,698	0,59	[sec]
Maximum deceleration	2,059	2,0	[g]
Maximum pedal load	47,74	45,88	[Kg]
Braking power	386,6	373	[KW]

10

Initial speed	217,7	214	[Km/h]
Final speed	82,18	82,23	[Km/h]
Stopping distance	79,16	79,92	[m]
Braking time	2,032	2,07	[sec]
Maximum deceleration	2,956	2,8	[g]
Maximum pedal load	69,75	69,04	[Kg]
Braking power	822,2	795	[KW]

11

Initial speed	270,2	267,3	[Km/h]
Final speed	91,12	99,54	[Km/h]
Stopping distance	104,4	100,5	[m]
Braking time	2,299	2,16	[sec]
Maximum deceleration	3,937	3,9	[g]
Maximum pedal load	98,02	99,78	[Kg]
Braking power	1.414	1.415	[KW]

12

Initial speed	238	236,6	[Km/h]
Final speed	92,23	99,63	[Km/h]
Stopping distance	87,89	85,92	[m]
Braking time	2,041	1,95	[sec]
Maximum deceleration	3,247	3,2	[g]
Maximum pedal load	79,01	79,89	[Kg]
Braking power	1.021	1.021	[KW]

13

Initial speed	215,6	212,6	[Km/h]
Final speed	93,26	101,1	[Km/h]
Stopping distance	73,35	69,12	[m]
Braking time	1,818	1,66	[sec]
Maximum deceleration	2,922	2,8	[g]
Maximum pedal load	70,92	70,32	[Kg]
Braking power	805,2	784	[KW]

14

Initial speed	128,5	129,7	[Km/h]
Final speed	117,5	125,4	[Km/h]
Stopping distance	7,239	3,6	[m]
Braking time	0,213	0,10	[sec]
Maximum deceleration	1,785	1,2	[g]
Maximum pedal load	41,18	28,28	[Kg]
Braking power	284,1	220	[KW]

15

Initial speed	175,8	172,1	[Km/h]
Final speed	109,9	119,5	[Km/h]
Stopping distance	42,37	35,52	[m]
Braking time	1,083	0,883	[sec]
Maximum deceleration	2,292	2,161	[g]
Maximum pedal load	53,78	52,21	[Kg]
Braking power	485,6	457	[KW]

16

Initial speed	248,3	246,5	[Km/h]
Final speed	207,9	215,2	[Km/h]
Stopping distance	24,66	19,71	[m]
Braking time	0,393	0,31	[sec]
Maximum deceleration	3,503	3,461	[g]
Maximum pedal load	85,93	86,75	[Kg]
Braking power	1.136	1.139	[KW]