

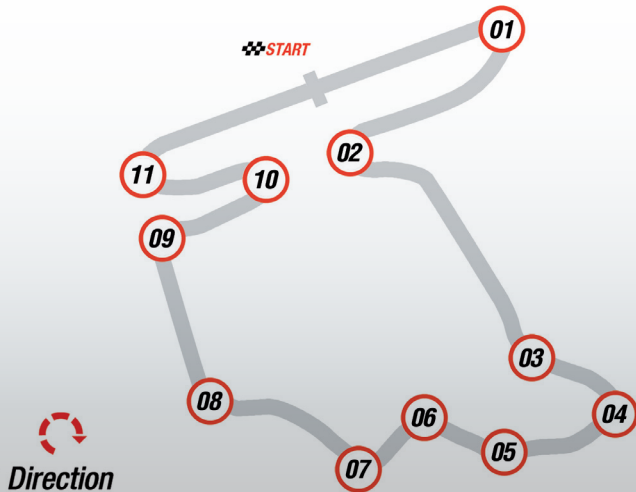


Circuits Identity Card **Formula 1**

Hungary | Hungaroring

03/08/2008

2008



International Circuit



- ▶ Length: **4.381 m**
- ▶ Number of laps: **70**
- ▶ Type of circuit: **Heavy**
- ▶ Number of brakings: **11**
- ▶ Pole 2007: **L. Hamilton - McLaren 1'19"781**
- ▶ Time spent under braking per lap: **15%**
- ▶ Expected time spent under brake on 2008: **20%**

BRAKING ANALYSIS

01

	SEASON DATA 2007	FORECAST DATA 2008	
Initial speed	300	295	[Km/h]
Final speed	100	105	[Km/h]
Stopping distance	113	105	[m]
Braking time	2,33	1,99	[sec]
Maximum deceleration	4,6	5,2	[g]
Maximum disc temperature	830	987	°C
Maximum pedal load	123	132	[Kg]

02

Initial speed	270	272	[Km/h]
Final speed	120	128	[Km/h]
Stopping distance	103	108	[m]
Braking time	1,99	2,08	[sec]
Maximum deceleration	3,9	3,7	[g]
Maximum disc temperature	1000	700	°C
Maximum pedal load	110	100	[Kg]

03

Initial speed	290	283	[Km/h]
Final speed	215	210	[Km/h]
Stopping distance	59	73	[m]
Braking time	0,82	0,82	[sec]
Maximum deceleration	3,8	3,3	[g]
Maximum disc temperature	590	830	°C
Maximum pedal load	100	79	[Kg]

04

Initial speed	250	244	[Km/h]
Final speed	165	157	[Km/h]
Stopping distance	63	87	[m]
Braking time	1,05	1,19	[sec]
Maximum deceleration	3,5	3,0	[g]
Maximum disc temperature	700	703	°C
Maximum pedal load	90	71	[Kg]

05

Initial speed	245	245	[Km/h]
Final speed	110	105	[Km/h]
Stopping distance	77	72	[m]
Braking time	1,58	1,51	[sec]
Maximum deceleration	3,9	4,2	[g]
Maximum disc temperature	850	967	°C
Maximum pedal load	105	114	[Kg]

06

Initial speed	210	216	[Km/h]
Final speed	170	165	[Km/h]
Stopping distance	40	46	[m]
Braking time	0,74	0,74	[sec]
Maximum deceleration	2,1	2,2	[g]
Maximum disc temperature	650	602	°C
Maximum pedal load	55	50	[Kg]

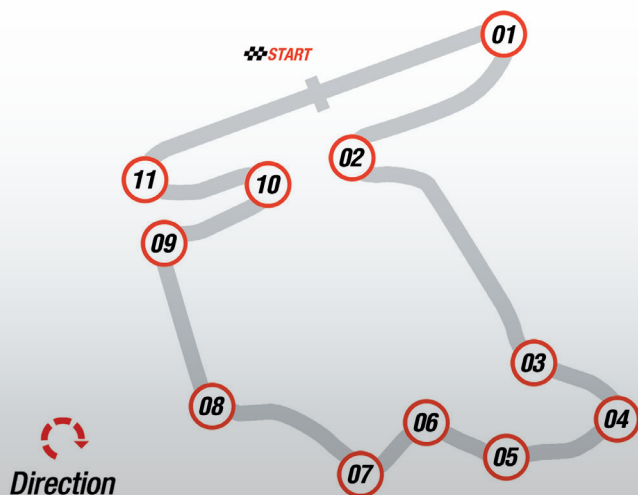


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BRAKING ANALYSIS

07

	SEASON DATA 2007	FORECAST DATA 2008	
Initial speed	190	185	[Km/h]
Final speed	165	151	[Km/h]
Stopping distance	30	36	[m]
Braking time	0,54	0,59	[sec]
Maximum deceleration	2,0	2,2	[g]
Maximum disc temperature	630	589	°C
Maximum pedal load	57	53	[Kg]

08

Initial speed	260	258	[Km/h]
Final speed	220	216	[Km/h]
Stopping distance	53	55	[m]
Braking time	0,77	0,65	[sec]
Maximum deceleration	2,5	2,2	[g]
Maximum disc temperature	620	572	°C
Maximum pedal load	50	49	[Kg]

09

Initial speed	280	276	[Km/h]
Final speed	110	120	[Km/h]
Stopping distance	93	91	[m]
Braking time	1,74	1,56	[sec]
Maximum deceleration	4,5	4,6	[g]
Maximum disc temperature	970	841	°C
Maximum pedal load	110	122	[Kg]

10

Initial speed	220	220	[Km/h]
Final speed	105	115	[Km/h]
Stopping distance	80	78	[m]
Braking time	1,77	1,61	[sec]
Maximum deceleration	3,3	3,2	[g]
Maximum disc temperature	835	921	°C
Maximum pedal load	85	83	[Kg]

11

Initial speed	215	209	[Km/h]
Final speed	151	135	[Km/h]
Stopping distance	57	76	[m]
Braking time	1,11	1,02	[sec]
Maximum deceleration	2,2	2,1	[g]
Maximum disc temperature	640	660	°C
Maximum pedal load	60	49	[Kg]