



Circuits Identity Card Formula 1



Spain

International Circuit

13/05/2007



Spain | Barcelona

- ▶ Length: **4.655 m**
- ▶ Number of laps: **66 (307.23 Km)**
- ▶ Type of circuit: **Medium**
- ▶ Number of brakings: **8**
- ▶ Pole 2006: **Fernando Alonso, 1'14"648**
- ▶ Time spent under braking per lap: **19%**

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

BRAKING ANALYSIS

SEASON DATA
2007

01

Initial speed	310	[Km/h]
Final speed	135	[Km/h]
Stopping distance	110	[m]
Braking time	1.8	[sec]
Maximum deceleration	4.3	[g]
Maximum disc temperature	780	°C
Maximum pedal load	95	[Kg]

02

Initial speed	289	[Km/h]
Final speed	140	[Km/h]
Stopping distance	107	[m]
Braking time	1.7	[sec]
Maximum deceleration	4.4	[g]
Maximum disc temperature	840	°C
Maximum pedal load	100	[Kg]

03

Initial speed	252	[Km/h]
Final speed	91	[Km/h]
Stopping distance	115	[m]
Braking time	2.6	[sec]
Maximum deceleration	3.4	[g]
Maximum disc temperature	670	°C
Maximum pedal load	70	[Kg]

04

Initial speed	260	[Km/h]
Final speed	145	[Km/h]
Stopping distance	89	[m]
Braking time	1.6	[sec]
Maximum deceleration	3.5	[g]
Maximum disc temperature	750	°C
Maximum pedal load	76	[Kg]

05

Initial speed	292	[Km/h]
Final speed	70	[Km/h]
Stopping distance	125	[m]
Braking time	2.9	[sec]
Maximum deceleration	4.4	[g]
Maximum disc temperature	780	°C
Maximum pedal load	100	[Kg]

06

Initial speed	202	[Km/h]
Final speed	115	[Km/h]
Stopping distance	64	[m]
Braking time	1.4	[sec]
Maximum deceleration	2.7	[g]
Maximum disc temperature	730	°C
Maximum pedal load	57	[Kg]

07

Initial speed	220	[Km/h]
Final speed	120	[Km/h]
Stopping distance	71	[m]
Braking time	1.4	[sec]
Maximum deceleration	2.7	[g]
Maximum disc temperature	730	°C
Maximum pedal load	70	[Kg]

08

Initial speed	160	[Km/h]
Final speed	80	[Km/h]
Stopping distance	57	[m]
Braking time	1.7	[sec]
Maximum deceleration	2	[g]
Maximum disc temperature	620	°C
Maximum pedal load	43	[Kg]