



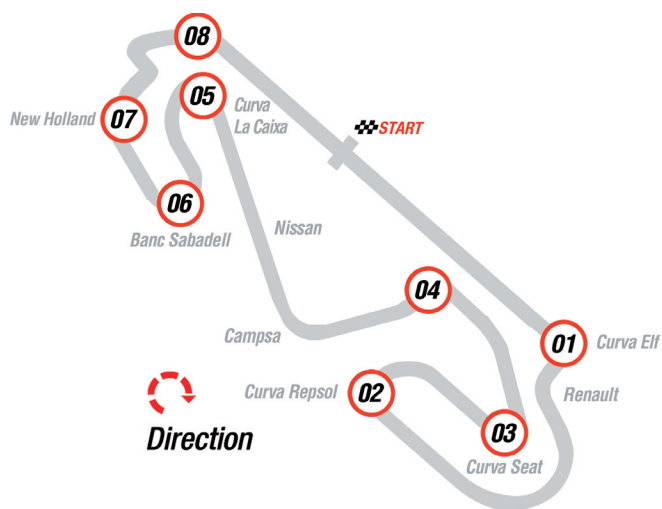
Circuits Identity Card

Formula 1

Spain | Barcelona

10/05/2009

2009



International Circuit



- Length: **4.655 m**
- Number of laps: **66**
- Type of circuit: **Light**
- Number of brakings: **8**
- Pole 2008: **Raikkonen - Ferrari 1'21"813**
- Time spent under braking per lap: **17%**
- Expected time spent under brake on 2009: **12%**

This is the circuit mostly used for tests. The trend is to use UL and HD calipers with 25mm brake discs and 25mm brake pads.

01

	SEASON DATA 2008	FORECAST DATA 2009	
Initial speed	311	303	[Km/h]
Final speed	146	161	[Km/h]
Stopping distance	112	73	[m]
Braking time	1,9	1,20	[sec]
Maximum deceleration	4,3	5,22	[g]
Maximum pedal load	126	137	[Kg]

02

Initial speed	289	285	[Km/h]
Final speed	139	179	[Km/h]
Stopping distance	111	56	[m]
Braking time	2,0	0,90	[sec]
Maximum deceleration	3,3	4,76	[g]
Maximum pedal load	95	125	[Kg]

03

Initial speed	254	249	[Km/h]
Final speed	108	116	[Km/h]
Stopping distance	97	74	[m]
Braking time	2,1	1,56	[sec]
Maximum deceleration	3,5	3,88	[g]
Maximum pedal load	106	100	[Kg]

04

Initial speed	264	256	[Km/h]
Final speed	151	162	[Km/h]
Stopping distance	81	51	[m]
Braking time	1,5	0,91	[sec]
Maximum deceleration	3,7	4,04	[g]
Maximum pedal load	116	105	[Kg]

05

Initial speed	294	288	[Km/h]
Final speed	74	82	[Km/h]
Stopping distance	117	116	[m]
Braking time	2,8	2,71	[sec]
Maximum deceleration	4,7	4,83	[g]
Maximum pedal load	140	127	[Kg]

06

Initial speed	206	200	[Km/h]
Final speed	120	159	[Km/h]
Stopping distance	81	26	[m]
Braking time	1,9	0,53	[sec]
Maximum deceleration	2,7	2,83	[g]
Maximum pedal load	86	72	[Kg]

07

Initial speed	218	216	[Km/h]
Final speed	132	152	[Km/h]
Stopping distance	64	36	[m]
Braking time	1,4	0,72	[sec]
Maximum deceleration	3,2	3,19	[g]
Maximum pedal load	97	81	[Kg]

08

Initial speed	175	173	[Km/h]
Final speed	92	91	[Km/h]
Stopping distance	55	47	[m]
Braking time	1,56	1,32	[sec]
Maximum deceleration	2,6	2,46	[g]
Maximum pedal load	82	61	[Kg]