



Circuits Identity Card

Formula 1

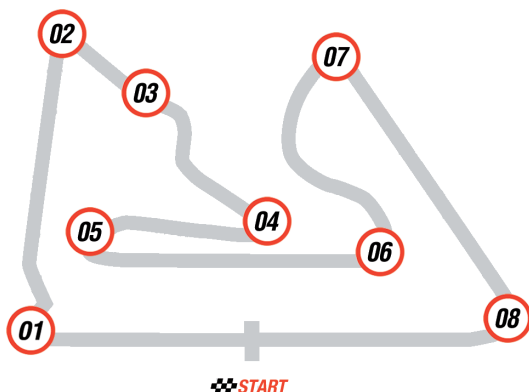
Bahrain | Sakhir

26/04/2009

2009



Direction



International Circuit



- Length: **5.412 m**
- Number of laps: **57**
- Type of circuit: **Heavy**
- Number of brakings: **8**
- Pole 2008: **Kubica - BMW 1'33"096**
- Time spent under braking per lap: **17%**
- Expected time spent under brake on 2009: **15%**

With relation to brake systems, Bahrain Circuit can be considered heavy. UHD/HD (Ultra Heavy Duty/Heavy Duty) brake calipers will be used. Certainly 3 heavy brakings at an estimated speed of around 300 kph are expected. The sand could create some problems with relation to the adhesion and the control of the car when braking, even if last year it didn't create any relevant problem.

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

01

SEASON DATA
2008

FORECAST DATA
2009

Initial speed	312	312	[Km/h]
Final speed	60	66	[Km/h]
Stopping distance	127	133	[m]
Braking time	3,0	3,07	[sec]
Maximum deceleration	4,6	5,15	[g]
Maximum pedal load	160	137	[Kg]

02

Initial speed	299	295	[Km/h]
Final speed	110	122	[Km/h]
Stopping distance	112	96	[m]
Braking time	2,2	1,80	[sec]
Maximum deceleration	4,4	4,71	[g]
Maximum pedal load	145	125	[Kg]

03

Initial speed	254	249	[Km/h]
Final speed	187	208	[Km/h]
Stopping distance	67	24	[m]
Braking time	1,1	0,38	[sec]
Maximum deceleration	2,7	3,66	[g]
Maximum pedal load	78	95	[Kg]

04

Initial speed	258	245	[Km/h]
Final speed	78	82	[Km/h]
Stopping distance	103	95	[m]
Braking time	2,5	2,28	[sec]
Maximum deceleration	3,7	3,57	[g]
Maximum pedal load	111	93	[Kg]

05

Initial speed	255	228	[Km/h]
Final speed	75	73	[Km/h]
Stopping distance	116	90	[m]
Braking time	2,8	2,35	[sec]
Maximum deceleration	3,1	3,20	[g]
Maximum pedal load	95	82	[Kg]

06

Initial speed	296	294	[Km/h]
Final speed	152	149	[Km/h]
Stopping distance	95	84	[m]
Braking time	1,6	1,46	[sec]
Maximum deceleration	4,03	4,68	[g]
Maximum pedal load	130	124	[Kg]

07

Initial speed	280	279	[Km/h]
Final speed	133	167	[Km/h]
Stopping distance	111	64	[m]
Braking time	2,1	1,07	[sec]
Maximum deceleration	3,7	4,33	[g]
Maximum pedal load	113	114	[Kg]

08

Initial speed	298	300	[Km/h]
Final speed	127	136	[Km/h]
Stopping distance	97	90	[m]
Braking time	1,8	1,60	[sec]
Maximum deceleration	4,5	4,82	[g]
Maximum pedal load	148	128	[Kg]