

## Circuits Identity Card

### ITALY | MONZA

06 - 08 SEP 2013



### International Circuit

- Known by fans as the "temple of speed", the Monza track is extremely demanding and puts the single-seater braking systems to a hard test. The presence of long straight lines and the lack of aerodynamic load, which reduces the possibility of efficiently unloading braking torque to the ground, make the braking sections extremely violent and demanding to manage. The first turn is one of the hardest braking sections of the championship and it is definitely the one that requires the longest stopping distance of the season (about 148 metres).

\* Turn 01 is considered the most demanding for the braking system.

### Circuit Data

- Length: 5,793 m
- Number of laps: 53
- Type of circuit: Hard
- Number of brakings: 7
- Time spent under braking per lap: 11%

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



#### 01 \*

Initial speed	338	(Km/h)
Final speed	89	(Km/h)
Stopping distance	136	(m)
Braking time	2,65	(sec)
Maximum deceleration	5,90	(g)
Maximum pedal load	160	(Kg)
Braking power	2837	(Kw)

#### 02

Initial speed	86	(Km/h)
Final speed	79	(Km/h)
Stopping distance	4	(m)
Braking time	0,16	(sec)
Maximum deceleration	1,45	(g)
Maximum pedal load	31	(Kg)
Braking power	132	(Kw)

#### 03

Initial speed	315	(Km/h)
Final speed	122	(Km/h)
Stopping distance	106	(m)
Braking time	1,93	(sec)
Maximum deceleration	5,25	(g)
Maximum pedal load	143	(Kg)
Braking power	2352	(Kw)

#### 04

Initial speed	258	(Km/h)
Final speed	201	(Km/h)
Stopping distance	32	(m)
Braking time	0,51	(sec)
Maximum deceleration	3,93	(g)
Maximum pedal load	104	(Kg)
Braking power	1406	(Kw)

#### 05

Initial speed	262	(Km/h)
Final speed	178	(Km/h)
Stopping distance	47	(m)
Braking time	0,79	(sec)
Maximum deceleration	4,02	(g)
Maximum pedal load	107	(Kg)
Braking power	1463	(Kw)

#### 06

Initial speed	332	(Km/h)
Final speed	192	(Km/h)
Stopping distance	72	(m)
Braking time	1,03	(sec)
Maximum deceleration	5,72	(g)
Maximum pedal load	155	(Kg)
Braking power	2697	(Kw)

#### 07

Initial speed	321	(Km/h)
Final speed	211	(Km/h)
Stopping distance	60	(m)
Braking time	0,84	(sec)
Maximum deceleration	5,43	(g)
Maximum pedal load	147	(Kg)
Braking power	2485	(Kw)