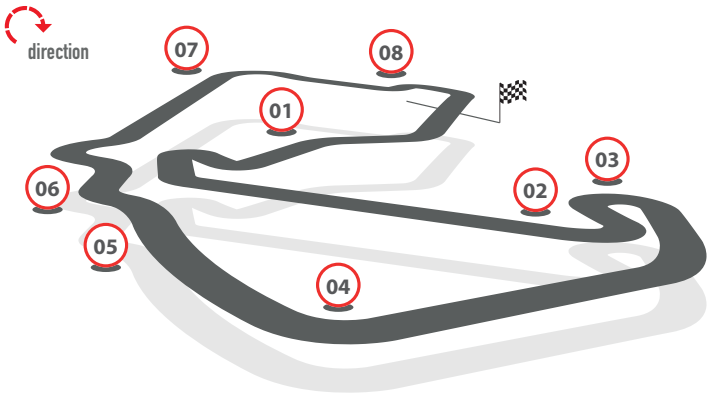
brembo®

MotoGP
Brake Circuit Identity Cards

Circuits Identity Card
GREAT BRITAIN | SILVERSTONE
1 SET 2013



International Circuit

- The Silverstone track is considered one of the fastest of the MotoGP calendar and one of the least demanding for brakes. The circuit is characterized by long straight stretches and by not very demanding braking, which allow the braking systems to cool properly.
  Quite often the rain and the use of steel discs in place of carbon ones.

Circuit Data

- Length: 5,900 m
- Number of laps: 20
- Type of circuit: Light
- Number of brakings: 8
- Time spent under braking per lap: 17%

01

Initial speed	271	(Km/h)
Final speed	153	(Km/h)
Stopping distance	228	(m)
Braking time	4.0	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.0	(Kg)

02

Initial speed	207	(Km/h)
Final speed	93	(Km/h)
Stopping distance	178	(m)
Braking time	4.6	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	4.0	(Kg)

03

Initial speed	125	(Km/h)
Final speed	66	(Km/h)
Stopping distance	106	(m)
Braking time	4.5	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	3.6	(Kg)

04

Initial speed	287	(Km/h)
Final speed	96	(Km/h)
Stopping distance	309	(m)
Braking time	5.7	(sec)
Maximum deceleration	1.5	(g)
Max force on lever	5.9	(Kg)

05

Initial speed	271	(Km/h)
Final speed	152	(Km/h)
Stopping distance	225	(m)
Braking time	3.2	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	5.6	(Kg)

06

Initial speed	271	(Km/h)
Final speed	163	(Km/h)
Stopping distance	290	(m)
Braking time	5.0	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	4.5	(Kg)

07

Initial speed	337	(Km/h)
Final speed	150	(Km/h)
Stopping distance	235	(m)
Braking time	3.6	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	6.1	(Kg)

08

Initial speed	234	(Km/h)
Final speed	79	(Km/h)
Stopping distance	225	(m)
Braking time	5.4	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	4.8	(Kg)