




BRAKE CIRCUIT IDENTITY CARD SILVERSTONE CIRCUIT

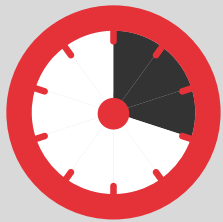
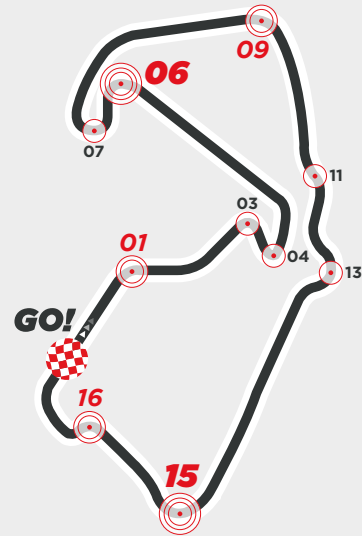
The Silverstone track is considered one of the fastest of the MotoGP calendar and one of the least demanding for brakes. The circuit is characterized by long straight stretches and by not very demanding braking, which allow the braking systems to cool properly. Quite often the rain in the past this led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

SHOULD YOU PUBLISH ANY OF THE DATA CONTAINED HERE PLEASE QUOTE BREMBO AS SOURCE USED.

MOTO GP

04-06 AUG 2023 MONSTER ENERGY
BRITISH GRAND PRIX

 **CIRCUIT LENGTH: 5.900 Km**
 **NUMBER OF LAPS: 20**



TIME SPENT BRAKING:
30%

**TURN 15*, TURN 06*
& TURN 16***
ARE CONSIDERED THE
MOST DEMANDING FOR THE
BRAKING SYSTEM

BRAKES EFFORT:
MEDIUM



10 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	298
	Final Speed (km/h)	156
	Stopping Distance (m)	188
	Braking Time (sec)	3.3
	Maximum Deceleration (g)	0.9
	Max Force on Lever (kg)	4.6
	Brake Pressure (bar)	8.9

03 TURN	Initial Speed (km/h)	223
	Final Speed (km/h)	84
	Stopping Distance (m)	142
	Braking Time (sec)	3.8
	Maximum Deceleration (g)	0.9
	Max Force on Lever (kg)	5.3
	Brake Pressure (bar)	10.2

04 TURN	Initial Speed (km/h)	115
	Final Speed (km/h)	60
	Stopping Distance (m)	68
	Braking Time (sec)	2.7
	Maximum Deceleration (g)	0.7
	Max Force on Lever (kg)	4.0
	Brake Pressure (bar)	7.8

06 TURN	Initial Speed (km/h)	301
	Final Speed (km/h)	95
	Stopping Distance (m)	253
	Braking Time (sec)	4.9
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	5.5
	Brake Pressure (bar)	0.6

07 TURN	Initial Speed (km/h)	127
	Final Speed (km/h)	95
	Stopping Distance (m)	64
	Braking Time (sec)	2.0
	Maximum Deceleration (g)	0.6
	Max Force on Lever (kg)	3.0
	Brake Pressure (bar)	5.7

09 TURN	Initial Speed (km/h)	258
	Final Speed (km/h)	166
	Stopping Distance (m)	225
	Braking Time (sec)	3.9
	Maximum Deceleration (g)	1.0
	Max Force on Lever (kg)	4.9
	Brake Pressure (bar)	9.5

11 TURN	Initial Speed (km/h)	279
	Final Speed (km/h)	159
	Stopping Distance (m)	229
	Braking Time (sec)	3.9
	Maximum Deceleration (g)	0.9
	Max Force on Lever (kg)	4.2
	Brake Pressure (bar)	8.1

13 TURN	Initial Speed (km/h)	152
	Final Speed (km/h)	103
	Stopping Distance (m)	65
	Braking Time (sec)	1.8
	Maximum Deceleration (g)	0.6
	Max Force on Lever (kg)	2.8
	Brake Pressure (bar)	5.4

15 TURN	Initial Speed (km/h)	327
	Final Speed (km/h)	127
	Stopping Distance (m)	296
	Braking Time (sec)	5.2
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	5.8
	Brake Pressure (bar)	11.2

16 TURN	Initial Speed (km/h)	242
	Final Speed (km/h)	67
	Stopping Distance (m)	177
	Braking Time (sec)	4.3
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	5.4
	Brake Pressure (bar)	10.4