



## BRAKE CIRCUIT IDENTITY CARD SILVERSTONE CIRCUIT

Silverstone Circuit is the location of the 10th round of the season.

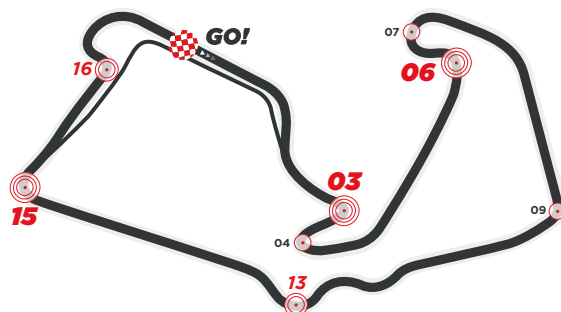
Despite the classification as an undemanding circuit, the braking system is far from superfluous: at each lap the drivers operate the brake pedal 8 times to guarantee the best cornering entry. In the event of rain, which is a variable to take into consideration, the greatest differences in driving styles between the different drivers can be seen in braking.

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

# FORMULA 1

07-09 JUL 2023 ARAMCO BRITISH  
GRAND PRIX

CIRCUIT LENGTH: **5.891 Km**  
NUMBER OF LAPS: **52**



TIME SPENT BRAKING:  
**15%**

**TURN 06\*, TURN 03\*  
& TURN 16\***  
ARE CONSIDERED THE  
MOST DEMANDING FOR THE  
BRAKING SYSTEM

BRAKES EFFORT:  
**VERY EASY**



## 08 BRAKE ZONES / LAP

03 TURN	Initial Speed (km/h)	285
	Final Speed (km/h)	117
	Stopping Distance (m)	125
	Braking Time (sec)	2.57
	Maximum Deceleration (g)	4.0
	Maximum Pedal Load (kg)	121
	Braking Power (kW)	1907

04 TURN	Initial Speed (km/h)	145
	Final Speed (km/h)	80
	Stopping Distance (m)	60
	Braking Time (sec)	1.97
	Maximum Deceleration (g)	2.0
	Maximum Pedal Load (kg)	61
	Braking Power (kW)	426

06 TURN	Initial Speed (km/h)	305
	Final Speed (km/h)	141
	Stopping Distance (m)	143
	Braking Time (sec)	2.51
	Maximum Deceleration (g)	4.2
	Maximum Pedal Load (kg)	122
	Braking Power (kW)	2133

07 TURN	Initial Speed (km/h)	185
	Final Speed (km/h)	114
	Stopping Distance (m)	86
	Braking Time (sec)	2.33
	Maximum Deceleration (g)	2.3
	Maximum Pedal Load (kg)	69
	Braking Power (kW)	658

09 TURN	Initial Speed (km/h)	283
	Final Speed (km/h)	265
	Stopping Distance (m)	21
	Braking Time (sec)	0.27
	Maximum Deceleration (g)	2.8
	Maximum Pedal Load (kg)	61
	Braking Power (kW)	1014

13 TURN	Initial Speed (km/h)	250
	Final Speed (km/h)	210
	Stopping Distance (m)	42
	Braking Time (sec)	0.65
	Maximum Deceleration (g)	3.5
	Maximum Pedal Load (kg)	105
	Braking Power (kW)	1482

15 TURN	Initial Speed (km/h)	311
	Final Speed (km/h)	229
	Stopping Distance (m)	71
	Braking Time (sec)	0.97
	Maximum Deceleration (g)	4.0
	Maximum Pedal Load (kg)	114
	Braking Power (kW)	2013

16 TURN	Initial Speed (km/h)	284
	Final Speed (km/h)	105
	Stopping Distance (m)	119
	Braking Time (sec)	2.71
	Maximum Deceleration (g)	3.8
	Maximum Pedal Load (kg)	116
	Braking Power (kW)	1778