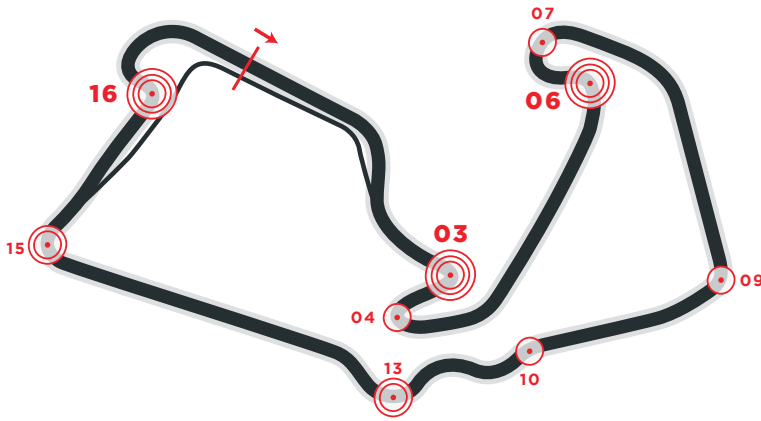




2022 FORMULA 1 BRITISH GRAND PRIX

01-03 JUL 2022



BRAKE CIRCUIT IDENTITY CARD

The first event in the summer season is the British Grand Prix although this year the sprint qualifying race will not be taking place on Saturday.

Grip is critical and depends on both the weather conditions and the number of consecutive laps run by the single-seaters. As the grip increases, so does the braking power transferred to the ground.

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

BRAKES EFFORT LIGHT

TIME SPENT BRAKING 15%

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

CIRCUIT LENGTH **5891 M**

NUMBER OF LAPS **52**

NUMBER OF BRAKE ZONES/LAP **09**

03	Initial speed	295	(Km/h)
	Final speed	123	(Km/h)
	Stopping distance	121	(m)
	Braking time	2.40	(sec)
	Maximum deceleration	4.2	(g)
	Maximum pedal load	128	(Kg)
	Braking power	2083	(Kw)

04	Initial speed	164	(Km/h)
	Final speed	98	(Km/h)
	Stopping distance	53	(m)
	Braking time	1.58	(sec)
	Maximum deceleration	2.2	(g)
	Maximum pedal load	74	(Kg)
	Braking power	514	(Kw)

06	Initial speed	324	(Km/h)
	Final speed	161	(Km/h)
	Stopping distance	142	(m)
	Braking time	2.40	(sec)
	Maximum deceleration	4.2	(g)
	Maximum pedal load	127	(Kg)
	Braking power	2271	(Kw)

07	Initial speed	196	(Km/h)
	Final speed	123	(Km/h)
	Stopping distance	71	(m)
	Braking time	1.73	(sec)
	Maximum deceleration	2.7	(g)
	Maximum pedal load	88	(Kg)
	Braking power	826	(Kw)

09	Initial speed	302	(Km/h)
	Final speed	281	(Km/h)
	Stopping distance	28	(m)
	Braking time	0.34	(sec)
	Maximum deceleration	2.2	(g)
	Maximum pedal load	34	(Kg)
	Braking power	565	(Kw)

10	Initial speed	307	(Km/h)
	Final speed	294	(Km/h)
	Stopping distance	17	(m)
	Braking time	0.21	(sec)
	Maximum deceleration	2.7	(g)
	Maximum pedal load	55	(Kg)
	Braking power	912	(Kw)

13	Initial speed	266	(Km/h)
	Final speed	213	(Km/h)
	Stopping distance	50	(m)
	Braking time	0.77	(sec)
	Maximum deceleration	3.9	(g)
	Maximum pedal load	122	(Kg)
	Braking power	1790	(Kw)

15	Initial speed	329	(Km/h)
	Final speed	219	(Km/h)
	Stopping distance	110	(m)
	Braking time	1.55	(sec)
	Maximum deceleration	3.5	(g)
	Maximum pedal load	94	(Kg)
	Braking power	1667	(Kw)

16	Initial speed	285	(Km/h)
	Final speed	103	(Km/h)
	Stopping distance	114	(m)
	Braking time	2.50	(sec)
	Maximum deceleration	4.0	(g)
	Maximum pedal load	125	(Kg)
	Braking power	1952	(Kw)