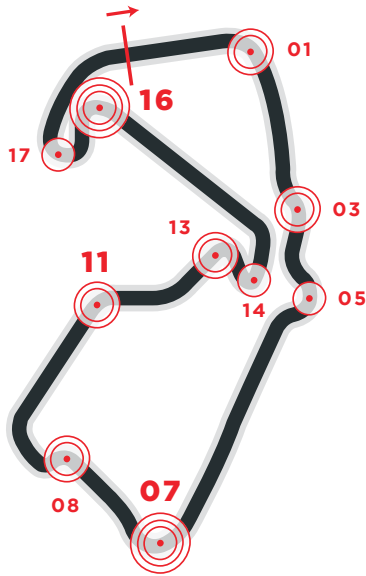




2022 MOTOGP MONSTER ENERGY BRITISH GRAND PRIX



05-07 AGO 2022



BRAKE CIRCUIT IDENTITY CARD

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.

BRAKES EFFORT MEDIUM

TIME SPENT BRAKING 32%

TURN 07*, TURN 16* AND TURN 11* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

CIRCUIT LENGTH 🏍️ **5.900 M** **NUMBER OF LAPS** 🏁 **20** **NUMBER OF BRAKE ZONES/LAP** 🏎️ **10**

TURN 01	Initial speed	283	(Km/h)
	Final speed	148	(Km/h)
	Stopping distance	212	(m)
	Braking time	3.9	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	4.5	(Kg)

TURN 03	Initial speed	282	(Km/h)
	Final speed	160	(Km/h)
	Stopping distance	130	(m)
	Braking time	4	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	3.3	(Kg)

TURN 05	Initial speed	148	(Km/h)
	Final speed	108	(Km/h)
	Stopping distance	79	(m)
	Braking time	2.4	(sec)
	Maximum deceleration	0.8	(g)
	Max force on lever	2.5	(Kg)

TURN 07	Initial speed	330	(Km/h)
	Final speed	120	(Km/h)
	Stopping distance	292	(m)
	Braking time	5.4	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	6.4	(Kg)

TURN 08	Initial speed	238	(Km/h)
	Final speed	79	(Km/h)
	Stopping distance	177	(m)
	Braking time	4.4	(sec)
	Maximum deceleration	1.3	(g)
	Max force on lever	5	(Kg)

TURN 11	Initial speed	278	(Km/h)
	Final speed	151	(Km/h)
	Stopping distance	183	(m)
	Braking time	3.3	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	5.2	(Kg)

TURN 13	Initial speed	202	(Km/h)
	Final speed	77	(Km/h)
	Stopping distance	136	(m)
	Braking time	3.8	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	4.8	(Kg)

TURN 14	Initial speed	125	(Km/h)
	Final speed	71	(Km/h)
	Stopping distance	64	(m)
	Braking time	2.5	(sec)
	Maximum deceleration	0.8	(g)
	Max force on lever	3.5	(Kg)

TURN 16	Initial speed	304	(Km/h)
	Final speed	99	(Km/h)
	Stopping distance	274	(m)
	Braking time	5.7	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	5.3	(Kg)

TURN 17	Initial speed	133	(Km/h)
	Final speed	95	(Km/h)
	Stopping distance	77	(m)
	Braking time	2.6	(sec)
	Maximum deceleration	0.7	(g)
	Max force on lever	2.3	(Kg)