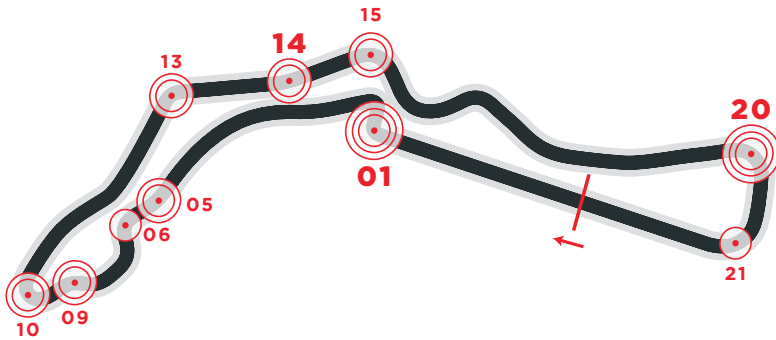




29-31 JUL 2022



BRAKE CIRCUIT IDENTITY CARD

Despite having been completed in 1983, the Czech track has hosted the Superbike World Championship only once. In 4.2 km it has 21 curves in a half of which the brakes are used, even if only in one case the bikes face a deceleration of over 200 km/h (124 mph).

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

BRAKES EFFORT HARD

TIME SPENT BRAKING 27%

TURN 01*, TURN 20* AND TURN 14* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

CIRCUIT LENGTH **4.212 M**

NUMBER OF LAPS **22**

NUMBER OF BRAKE ZONES/LAP **10**

TURN 01	Initial speed	290	(Km/h)
	Final speed	73	(Km/h)
	Stopping distance	236	(m)
	Braking time	5.3	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	5.6	(Kg)

TURN 05	Initial speed	235	(Km/h)
	Final speed	138	(Km/h)
	Stopping distance	122	(m)
	Braking time	2.6	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	4.2	(Kg)

TURN 06	Initial speed	135	(Km/h)
	Final speed	106	(Km/h)
	Stopping distance	58	(m)
	Braking time	1.4	(sec)
	Maximum deceleration	0.9	(g)
	Max force on lever	3.2	(Kg)

TURN 09	Initial speed	158	(Km/h)
	Final speed	124	(Km/h)
	Stopping distance	41	(m)
	Braking time	1.2	(sec)
	Maximum deceleration	1	(g)
	Max force on lever	4.3	(Kg)

TURN 10	Initial speed	122	(Km/h)
	Final speed	67	(Km/h)
	Stopping distance	54	(m)
	Braking time	2.1	(sec)
	Maximum deceleration	1	(g)
	Max force on lever	4.1	(Kg)

TURN 13	Initial speed	225	(Km/h)
	Final speed	138	(Km/h)
	Stopping distance	139	(m)
	Braking time	2.8	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	3.8	(Kg)

TURN 14	Initial speed	236	(Km/h)
	Final speed	179	(Km/h)
	Stopping distance	84	(m)
	Braking time	1.6	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	4.6	(Kg)

TURN 15	Initial speed	175	(Km/h)
	Final speed	105	(Km/h)
	Stopping distance	89	(m)
	Braking time	2.4	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	4.0	(Kg)

TURN 20	Initial speed	254	(Km/h)
	Final speed	106	(Km/h)
	Stopping distance	187	(m)
	Braking time	4	(sec)
	Maximum deceleration	1.3	(g)
	Max force on lever	5.0	(Kg)

TURN 21	Initial speed	157	(Km/h)
	Final speed	121	(Km/h)
	Stopping distance	64	(m)
	Braking time	1.8	(sec)
	Maximum deceleration	0.7	(g)
	Max force on lever	2.2	(Kg)