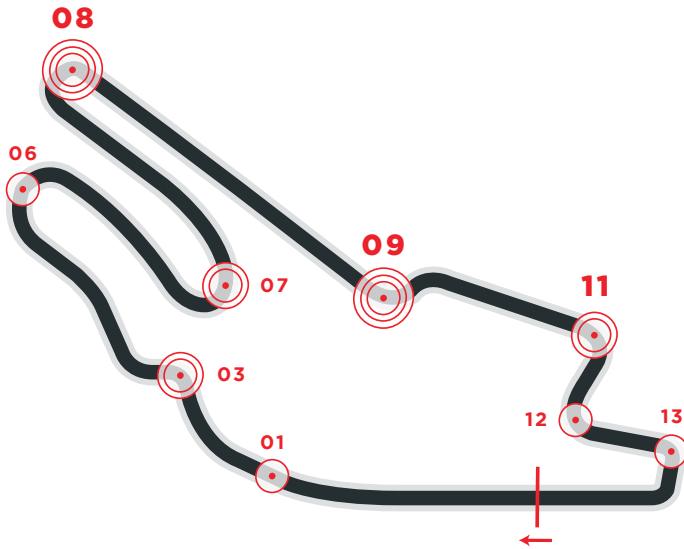




2022 MOTOGP SHARK HELMETS GRAND PRIX DE FRANCE



13-15 MAY 2022



BRAKE CIRCUIT IDENTITY CARD

One month after the 24 Ore Le Mans which was won by the Yoshimura SERT Motul team together with a Brembo brake system, the Bugatti Circuit will host the MotoGP World Championship: the lap times are 5 seconds faster than the Endurance World Championship times but the race covers a distance of just over 110 km (68.3 miles).

To avoid the risk that the brake discs do not reach the ideal temperature, many riders may use brake discs with a low braking band, still in carbon, which are preferred if it rains.

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

BRAKES EFFORT HARD

TIME SPENT BRAKING 35%

TURN 09*, TURN 08* AND TURN 11* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

CIRCUIT LENGTH 4.185 M

NUMBER OF LAPS 27

NUMBER OF BRAKE ZONES/LAP 09

TURN 01	Initial speed	309	(Km/h)
	Final speed	250	(Km/h)
	Stopping distance	112	(m)
	Braking time	1.7	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	1.7	(Kg)

TURN 03	Initial speed	245	(Km/h)
	Final speed	86	(Km/h)
	Stopping distance	200	(m)
	Braking time	4.2	(sec)
	Maximum deceleration	1	(g)
	Max force on lever	4.2	(Kg)

TURN 06	Initial speed	206	(Km/h)
	Final speed	101	(Km/h)
	Stopping distance	168	(m)
	Braking time	4.1	(sec)
	Maximum deceleration	1	(g)
	Max force on lever	3.2	(Kg)

TURN 07	Initial speed	220	(Km/h)
	Final speed	89	(Km/h)
	Stopping distance	159	(m)
	Braking time	4.1	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	4	(Kg)

TURN 08	Initial speed	256	(Km/h)
	Final speed	80	(Km/h)
	Stopping distance	197	(m)
	Braking time	4.9	(sec)
	Maximum deceleration	1.4	(g)
	Max force on lever	5	(Kg)

TURN 09	Initial speed	301	(Km/h)
	Final speed	105	(Km/h)
	Stopping distance	231	(m)
	Braking time	4,5	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	5.7	(Kg)

TURN 11	Initial speed	221	(Km/h)
	Final speed	102	(Km/h)
	Stopping distance	140	(m)
	Braking time	3.5	(sec)
	Maximum deceleration	1.3	(g)
	Max force on lever	4.2	(Kg)

TURN 12	Initial speed	131	(Km/h)
	Final speed	102	(Km/h)
	Stopping distance	54	(m)
	Braking time	1.8	(sec)
	Maximum deceleration	0.6	(g)
	Max force on lever	1.1	(Kg)

TURN 13	Initial speed	168	(Km/h)
	Final speed	84	(Km/h)
	Stopping distance	90	(m)
	Braking time	2.8	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	4.2	(Kg)