



BRAKE CIRCUIT IDENTITY CARD

LE MANS

One month after the 24 Ore Le Mans, the Bugatti Circuit will host the MotoGP: 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).

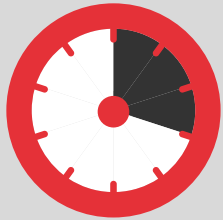
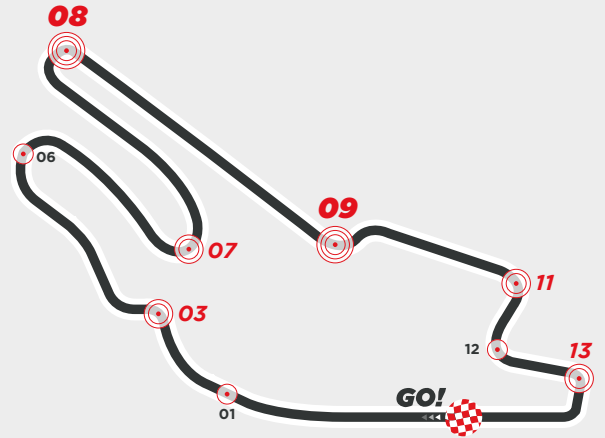
To avoid the risk that the brake discs do not reach the ideal temperature, many riders may use brake discs with a low braking band, still in carbon, which are preferred if it rains.

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

MOTO GP

12-14 MAY 2023 SHARK GRAND PRIX DE FRANCE

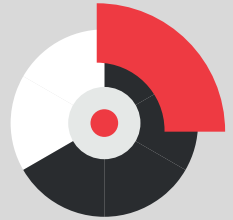
CIRCUIT LENGTH: **4.185 Km**
 NUMBER OF LAPS: **27**



TIME SPENT BRAKING:
32%

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

BRAKES EFFORT:
HARD



09 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	309
	Final Speed (km/h)	211
	Stopping Distance (m)	177
	Braking Time (sec)	2.5
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	2.1
	Brake Pressure (bar)	4.0

03 TURN	Initial Speed (km/h)	182
	Final Speed (km/h)	74
	Stopping Distance (m)	104
	Braking Time (sec)	3.0
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.7
	Brake Pressure (bar)	9.0

06 TURN	Initial Speed (km/h)	203
	Final Speed (km/h)	97
	Stopping Distance (m)	138
	Braking Time (sec)	3.3
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	3.6
	Brake Pressure (bar)	7.0

07 TURN	Initial Speed (km/h)	217
	Final Speed (km/h)	79
	Stopping Distance (m)	152
	Braking Time (sec)	3.8
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.2
	Brake Pressure (bar)	8.0

08 TURN	Initial Speed (km/h)	255
	Final Speed (km/h)	83
	Stopping Distance (m)	206
	Braking Time (sec)	4.9
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	5.2
	Brake Pressure (bar)	10.0

09 TURN	Initial Speed (km/h)	292
	Final Speed (km/h)	105
	Stopping Distance (m)	233
	Braking Time (sec)	4.5
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	5.2
	Brake Pressure (bar)	10.0

11 TURN	Initial Speed (km/h)	226
	Final Speed (km/h)	104
	Stopping Distance (m)	145
	Braking Time (sec)	3.4
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	4.7
	Brake Pressure (bar)	9.0

12 TURN	Initial Speed (km/h)	126
	Final Speed (km/h)	111
	Stopping Distance (m)	23
	Braking Time (sec)	0.7
	Maximum Deceleration (g)	0.7
	Max Force on Lever (kg)	1.6
	Brake Pressure (bar)	3.0

13 TURN	Initial Speed (km/h)	171
	Final Speed (km/h)	88
	Stopping Distance (m)	90
	Braking Time (sec)	2.6
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	4.7
	Brake Pressure (bar)	9.0