



BRAKE CIRCUIT IDENTITY CARD

BUDDH INTERNATIONAL CIRCUIT

MotoGP will make its debut in India which will thus become the 31st country to host at least one GP. The *Buddh International Circuit* will instead be the 75th circuit hosting at least one Premier Class race. No MotoGP rider has had the opportunity to ride it and therefore the track represents an unknown for everyone. The presence of four braking sections in which the bikes lose at least 160 km/h (99.4 mph) is particularly difficult.

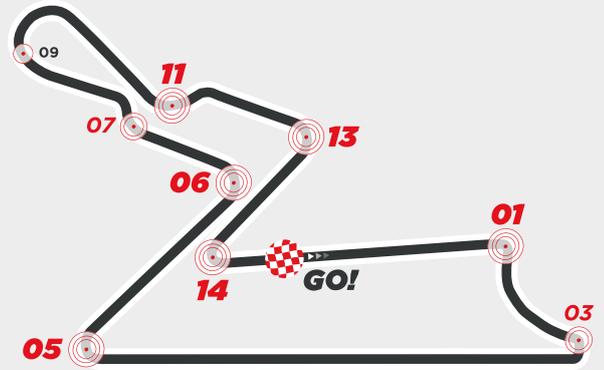
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MOTO GP

22-24 SEP 2023 @ GRAN PRIX OF INDIA

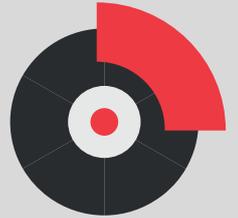


CIRCUIT LENGTH: **4.960 Km**
NUMBER OF LAPS: **24**



TURN 05*, TURN 01* & TURN 06*
ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

BRAKES EFFORT: **VERY HARD**



09 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	295
	Final Speed (km/h)	83
	Stopping Distance (m)	257
	Braking Time (sec)	5.3
	Maximum Deceleration (g)	1.6
	Max Force on Lever (kg)	6.1
	Brake Pressure (bar)	13

03 TURN	Initial Speed (km/h)	181
	Final Speed (km/h)	56
	Stopping Distance (m)	137
	Braking Time (sec)	4.4
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	4.9
	Brake Pressure (bar)	10.5

05 TURN	Initial Speed (km/h)	335
	Final Speed (km/h)	71
	Stopping Distance (m)	318
	Braking Time (sec)	6.5
	Maximum Deceleration (g)	1.6
	Max Force on Lever (kg)	5.8
	Brake Pressure (bar)	12.5

06 TURN	Initial Speed (km/h)	269
	Final Speed (km/h)	95
	Stopping Distance (m)	228
	Braking Time (sec)	4.8
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	5.6
	Brake Pressure (bar)	12

07 TURN	Initial Speed (km/h)	205
	Final Speed (km/h)	135
	Stopping Distance (m)	129
	Braking Time (sec)	2.8
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.2
	Brake Pressure (bar)	9

09 TURN	Initial Speed (km/h)	198
	Final Speed (km/h)	97
	Stopping Distance (m)	190
	Braking Time (sec)	4.7
	Maximum Deceleration (g)	0.9
	Max Force on Lever (kg)	2.3
	Brake Pressure (bar)	5

11 TURN	Initial Speed (km/h)	231
	Final Speed (km/h)	117
	Stopping Distance (m)	162
	Braking Time (sec)	3.4
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	4.7
	Brake Pressure (bar)	10

13 TURN	Initial Speed (km/h)	213
	Final Speed (km/h)	85
	Stopping Distance (m)	162
	Braking Time (sec)	4.1
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	5.9
	Brake Pressure (bar)	12.6

14 TURN	Initial Speed (km/h)	227
	Final Speed (km/h)	67
	Stopping Distance (m)	174
	Braking Time (sec)	4.5
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	5.5
	Brake Pressure (bar)	11.8