



BRAKE CIRCUIT IDENTITY CARD

RED BULL RING - SPIELBERG

Halfway point of the MotoGP championship with the GP Austria, in the same racetrack that hosted Formula 1 at the beginning of July.

Compared to the layout in use in Formula 1, from 2022 to increase motorcycle safety at turn 2 has been introduced a chicane.

The pilots are thus faced with a right-left combination that tests their ability and offers new overtaking possibilities, making though the GP is even more stressful for the braking systems, due to this additional braking.

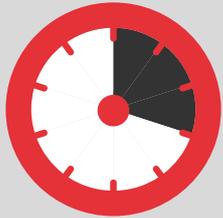
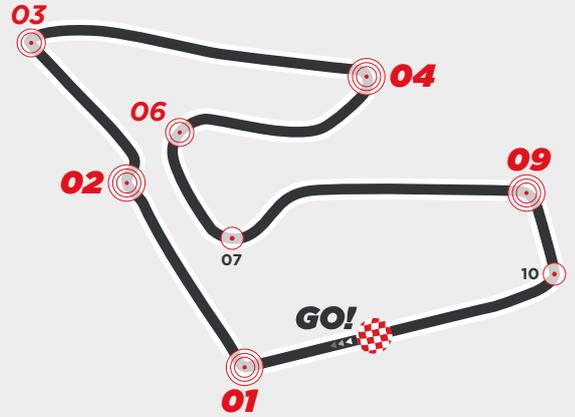
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MOTO GP

18-20 AUG 2023 @ CRYPTODATA MOTORRAD
GRAND PRIX VON OSTERREICH



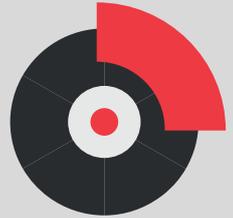
CIRCUIT LENGTH: **4.318 Km**
NUMBER OF LAPS: **28**



TIME SPENT BRAKING:
34%

TURN 04*, TURN 01* & TURN 02*
ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

BRAKES EFFORT:
VERY HARD



08 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	304
	Final Speed (km/h)	90
	Stopping Distance (m)	242
	Braking Time (sec)	4.6
	Maximum Deceleration (g)	1.6
	Max Force on Lever (kg)	6.5
	Brake Pressure (bar)	12.5

02 TURN	Initial Speed (km/h)	257
	Final Speed (km/h)	84
	Stopping Distance (m)	200
	Braking Time (sec)	4.4
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	6.0
	Brake Pressure (bar)	11.5

03 TURN	Initial Speed (km/h)	227
	Final Speed (km/h)	63
	Stopping Distance (m)	154
	Braking Time (sec)	4.1
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	6.2
	Brake Pressure (bar)	12.0

04 TURN	Initial Speed (km/h)	298
	Final Speed (km/h)	88
	Stopping Distance (m)	292
	Braking Time (sec)	6.0
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	6.0
	Brake Pressure (bar)	11.5

06 TURN	Initial Speed (km/h)	222
	Final Speed (km/h)	126
	Stopping Distance (m)	143
	Braking Time (sec)	3.0
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.2
	Brake Pressure (bar)	8.0

07 TURN	Initial Speed (km/h)	220
	Final Speed (km/h)	112
	Stopping Distance (m)	96
	Braking Time (sec)	2.2
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	4.7
	Brake Pressure (bar)	9.0

09 TURN	Initial Speed (km/h)	280
	Final Speed (km/h)	136
	Stopping Distance (m)	223
	Braking Time (sec)	4.1
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	4.9
	Brake Pressure (bar)	9.5

10 TURN	Initial Speed (km/h)	157
	Final Speed (km/h)	110
	Stopping Distance (m)	79
	Braking Time (sec)	2.1
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.7
	Brake Pressure (bar)	9.0