

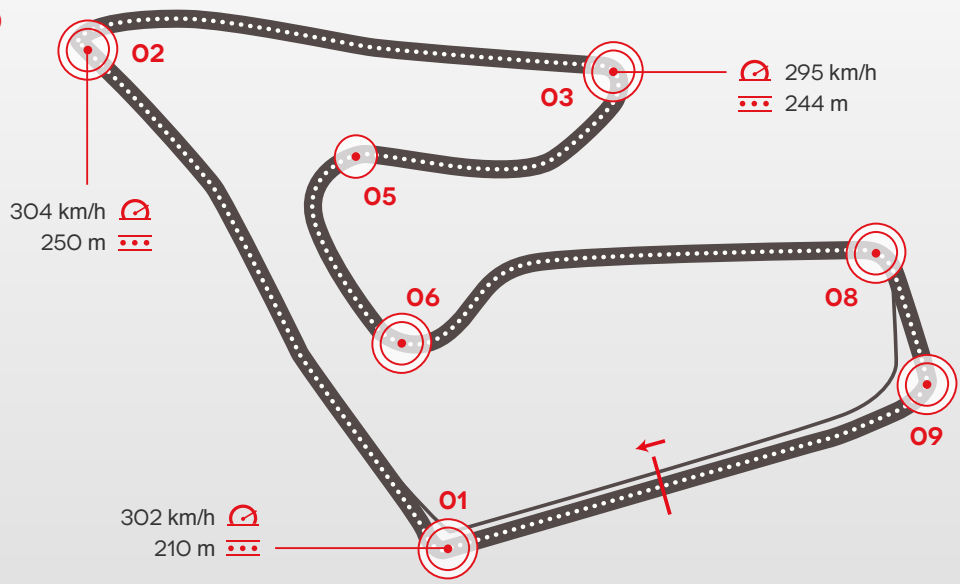
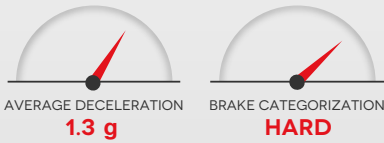


MOTO GP | BRAKE CIRCUIT IDENTITY CARDS

NEROGIARDINI MOTORRAD
GP VON ÖSTERREICH

12-14 AUG 2016

RED BULL RING - SPIELBERG (AUSTRIA)



CIRCUIT DATA

Length: 4,300 m
Number of laps: 28
Number of brakings: 7

COMMENT

The Spielberg circuit is a very hilly track, characterized by sharp bends with 7 significant deceleration braking sections.

The circuit is also quite short with little space for the system to cool between one braking section and another. Being the first time for MotoGP on this circuit, all teams will have to pay close attention to the temperature of brake discs and calipers.

*** Turn 01 is considered the most demanding for the braking system.**

01

Initial speed	302	(Km/h)
Final speed	97	(Km/h)
Stopping distance	210	(m)
Braking time	4.0	(sec)
Maximum deceleration	1.5	(g)
Max force on lever	6.6	(Kg)

03

Initial speed	295	(Km/h)
Final speed	84	(Km/h)
Stopping distance	244	(m)
Braking time	5.0	(sec)
Maximum deceleration	1.5	(g)
Max force on lever	6.3	(Kg)

06

Initial speed	199	(Km/h)
Final speed	116	(Km/h)
Stopping distance	108	(m)
Braking time	2.5	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	4.6	(Kg)

09

Initial speed	174	(Km/h)
Final speed	115	(Km/h)
Stopping distance	77	(m)
Braking time	1.9	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	5.9	(Kg)

02

Initial speed	304	(Km/h)
Final speed	64	(Km/h)
Stopping distance	250	(m)
Braking time	5.2	(sec)
Maximum deceleration	1.5	(g)
Max force on lever	5.6	(Kg)

05

Initial speed	222	(Km/h)
Final speed	121	(Km/h)
Stopping distance	144	(m)
Braking time	3.0	(sec)
Maximum deceleration	1.0	(g)
Max force on lever	3.9	(Kg)

08

Initial speed	277	(Km/h)
Final speed	134	(Km/h)
Stopping distance	193	(m)
Braking time	3.5	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	5.2	(Kg)