MOTO GP | BRAKE CIRCUIT IDENTITY CARDS

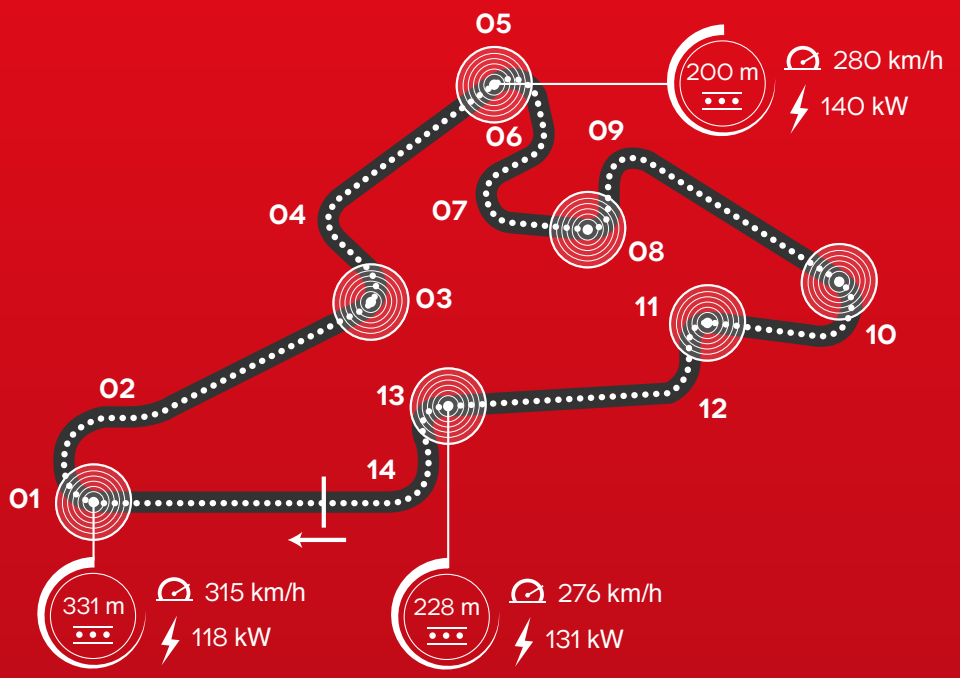
BWIN GRAND PRIX ČESKÉ REPUBLIKY

14–16 AUG 2015

AUTOMOTODROM BRNO (BRNO)

BRAKE CATEGORIZATION	MEDIUM
TIME SPENT BRAKING	20%
BRAKING ENERGY PRODUCED BY A BIKE DURING THE GP	5.2 kWh

INITIAL SPEED | STOPPING DISTANCE



CIRCUIT DATA

Length: 5,403 m
Number of laps: 22
Number of brakings: 7

COMMENT

This is a track characterized by wide bends and few straight stretches which make it an average circuit in terms of demands on the brakes. Note the first cut out after the finish line, very demanding and difficult to the extent that it is the world championship braking action which requires the greatest braking distance, approximately 331 metres.

01

Initial speed	315	(Km/h)
Final speed	148	(Km/h)
Stopping distance	331	(m)
Braking time	6.4	(sec)
Maximum deceleration	1.6	(g)
Max force on lever	6.0	(Kg)

03

Initial speed	299	(Km/h)
Final speed	123	(Km/h)
Stopping distance	277	(m)
Braking time	5.4	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	5.2	(Kg)

05

Initial speed	280	(Km/h)
Final speed	131	(Km/h)
Stopping distance	200	(m)
Braking time	4.3	(sec)
Maximum deceleration	1.5	(g)
Max force on lever	6.1	(Kg)

08

Initial speed	217	(Km/h)
Final speed	128	(Km/h)
Stopping distance	141	(m)
Braking time	3.3	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	4.8	(Kg)

10

Initial speed	278	(Km/h)
Final speed	124	(Km/h)
Stopping distance	244	(m)
Braking time	4.9	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.1	(Kg)

11

Initial speed	249	(Km/h)
Final speed	128	(Km/h)
Stopping distance	169	(m)
Braking time	4.1	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	4.3	(Kg)

13

Initial speed	276	(Km/h)
Final speed	114	(Km/h)
Stopping distance	228	(m)
Braking time	4.8	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.4	(Kg)