MOTO GP | BRAKE CIRCUIT IDENTITY CARDS

2016 MOTUL TT ASSEN

24-26 JUN 2016

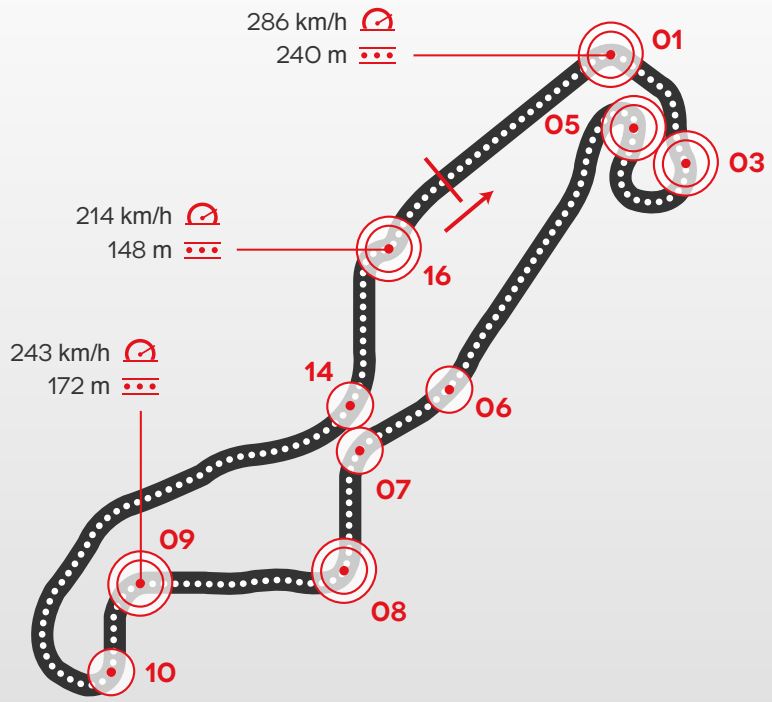
TT CIRCUIT ASSEN (ASSEN)

AVERAGE DECELERATION
1.14 g

BRAKE CATEGORIZATION
EASY

TIME SPENT BRAKING
31%

LIGHT
MEDIUM
HIGH



CIRCUIT DATA

Length: 4,542 m
Number of laps: 26
Number of brakings: 10

COMMENT

The Dutch track is one of the most spectacular and technical of the entire championship but at the same time also one of the least demanding for brakes.
In fact, it is a very "guided" circuit where the fast bends generally determine not very demanding braking while the fast stretches allow excellent cooling of the braking systems and guarantee good operating temperatures.

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

01

Initial speed	286	(Km/h)
Final speed	107	(Km/h)
Stopping distance	240	(m)
Braking time	4.5	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	6.8	(Kg)

03

Initial speed	185	(Km/h)
Final speed	100	(Km/h)
Stopping distance	134	(m)
Braking time	3.4	(sec)
Maximum deceleration	1.0	(g)
Max force on lever	4.0	(Kg)

05

Initial speed	123	(Km/h)
Final speed	59	(Km/h)
Stopping distance	73	(m)
Braking time	2.8	(sec)
Maximum deceleration	1.0	(g)
Max force on lever	4.1	(Kg)

06

Initial speed	318	(Km/h)
Final speed	235	(Km/h)
Stopping distance	142	(m)
Braking time	1.8	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	3.2	(Kg)

07

Initial speed	216	(Km/h)
Final speed	161	(Km/h)
Stopping distance	121	(m)
Braking time	2.2	(sec)
Maximum deceleration	0.9	(g)
Max force on lever	2.9	(Kg)

08

Initial speed	192	(Km/h)
Final speed	119	(Km/h)
Stopping distance	108	(m)
Braking time	2.5	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	4.0	(Kg)

09

Initial speed	243	(Km/h)
Final speed	103	(Km/h)
Stopping distance	172	(m)
Braking time	3.6	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.9	(Kg)

10

Initial speed	162	(Km/h)
Final speed	102	(Km/h)
Stopping distance	80	(m)
Braking time	2.2	(sec)
Maximum deceleration	1.0	(g)
Max force on lever	3.9	(Kg)

14

Initial speed	281	(Km/h)
Final speed	176	(Km/h)
Stopping distance	209	(m)
Braking time	3.2	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	3.7	(Kg)

16

Initial speed	214	(Km/h)
Final speed	94	(Km/h)
Stopping distance	148	(m)
Braking time	3.5	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	6.1	(Kg)