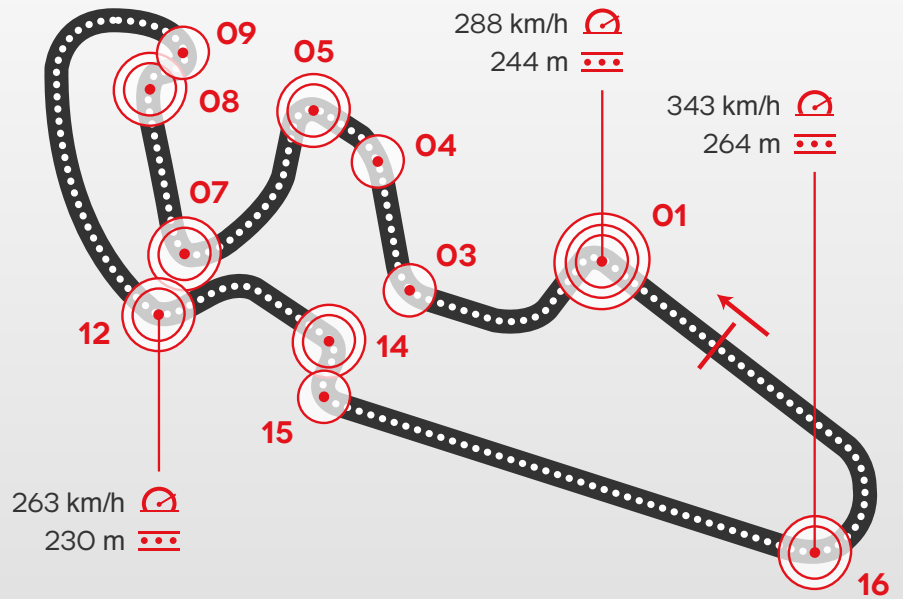
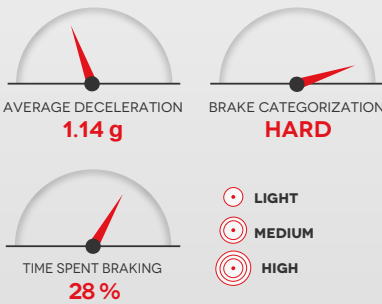


MOTO GP | BRAKE CIRCUIT
IDENTITY CARDS

GRAN PREMIO MOVISTAR
DE ARAGÓN

23-25 SEP 2016

MOTORLAND ARAGON
(ALCAÑIZ)



CIRCUIT DATA

Length: **5,078 m**
Number of laps: **23**
Number of brakings: **11**

COMMENT

Only inaugurated in 2010 it is considered quite a technical and rather demanding track for brakes since, especially in the first part of the track, it does not allow the braking systems to cool properly. Despite the most demanding cut out is on Curve 16 where the motorcycles undergo a deceleration of close to -1.5 g, the most critical part is the mixed one where the sequence of smaller cut outs close together can put the brakes into crisis.

*** Turn 16 is considered the most demanding for the braking system.**

01

Initial speed	288	(Km/h)
Final speed	86	(Km/h)
Stopping distance	244	(m)
Braking time	4.9	(sec)
Maximum deceleration	1.5	(g)
Max force on lever	7.0	(Kg)

03

Initial speed	206	(Km/h)
Final speed	150	(Km/h)
Stopping distance	87	(m)
Braking time	1.7	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	3.8	(Kg)

04

Initial speed	211	(Km/h)
Final speed	166	(Km/h)
Stopping distance	119	(m)
Braking time	1.3	(sec)
Maximum deceleration	1.0	(g)
Max force on lever	2.5	(Kg)

05

Initial speed	162	(Km/h)
Final speed	89	(Km/h)
Stopping distance	83	(m)
Braking time	2.4	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	5.1	(Kg)

07

Initial speed	203	(Km/h)
Final speed	95	(Km/h)
Stopping distance	140	(m)
Braking time	3.3	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	4.1	(Kg)

08

Initial speed	207	(Km/h)
Final speed	98	(Km/h)
Stopping distance	151	(m)
Braking time	3.5	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	5.7	(Kg)

09

Initial speed	100	(Km/h)
Final speed	72	(Km/h)
Stopping distance	40	(m)
Braking time	1.6	(sec)
Maximum deceleration	0.8	(g)
Max force on lever	3.6	(Kg)

12

Initial speed	263	(Km/h)
Final speed	96	(Km/h)
Stopping distance	230	(m)
Braking time	4.7	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.3	(Kg)

14

Initial speed	186	(Km/h)
Final speed	90	(Km/h)
Stopping distance	116	(m)
Braking time	3.0	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	6.0	(Kg)

15

Initial speed	99	(Km/h)
Final speed	80	(Km/h)
Stopping distance	30	(m)
Braking time	1.1	(sec)
Maximum deceleration	0.8	(g)
Max force on lever	3.6	(Kg)

16*

Initial speed	343	(Km/h)
Final speed	146	(Km/h)
Stopping distance	264	(m)
Braking time	4.0	(sec)
Maximum deceleration	1.5	(g)
Max force on lever	6.4	(Kg)