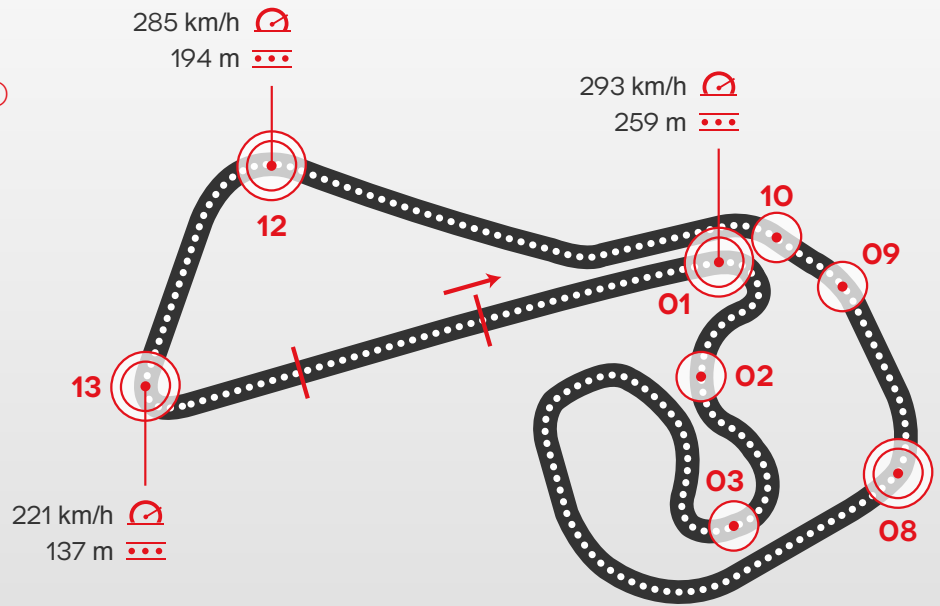
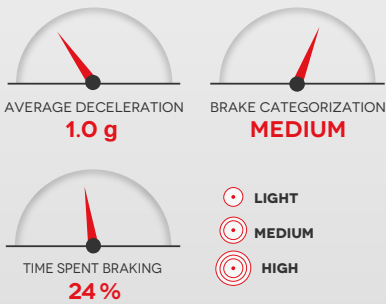


MOTO GP | BRAKE CIRCUIT
IDENTITY CARDS

2016 GOPRO MOTORRAD
GRAND PRIX DEUTSCHLAND

15-17 JUL 2016

SACHSENRING
(CHEMNITZ)



CIRCUIT DATA

Length: **3,671 m**
Number of laps: **30**
Number of brakings: **8**

COMMENT

With just 4 km in length, the Sachsenring track is the shortest circuit of the championship. The track is narrow and winding so the 8 braking section requires a not negligible performance of the brakes due to both the quite demanding braking and the presence of a mixed part where it is difficult for the brakes to cool.

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

01

Initial speed	293	(Km/h)
Final speed	73	(Km/h)
Stopping distance	259	(m)
Braking time	5.4	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	6.4	(Kg)

02

Initial speed	138	(Km/h)
Final speed	115	(Km/h)
Stopping distance	58	(m)
Braking time	1.2	(sec)
Maximum deceleration	0.5	(g)
Max force on lever	1.1	(Kg)

03

Initial speed	130	(Km/h)
Final speed	97	(Km/h)
Stopping distance	52	(m)
Braking time	1.6	(sec)
Maximum deceleration	0.8	(g)
Max force on lever	2.9	(Kg)

08

Initial speed	234	(Km/h)
Final speed	137	(Km/h)
Stopping distance	132	(m)
Braking time	2.6	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.8	(Kg)

09

Initial speed	200	(Km/h)
Final speed	177	(Km/h)
Stopping distance	55	(m)
Braking time	1.0	(sec)
Maximum deceleration	0.7	(g)
Max force on lever	2.0	(Kg)

10

Initial speed	169	(Km/h)
Final speed	144	(Km/h)
Stopping distance	58	(m)
Braking time	1.3	(sec)
Maximum deceleration	0.5	(g)
Max force on lever	1.3	(Kg)

12

Initial speed	285	(Km/h)
Final speed	116	(Km/h)
Stopping distance	194	(m)
Braking time	3.6	(sec)
Maximum deceleration	1.5	(g)
Max force on lever	6.0	(Kg)

13

Initial speed	221	(Km/h)
Final speed	91	(Km/h)
Stopping distance	137	(m)
Braking time	3.3	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	6.0	(Kg)