

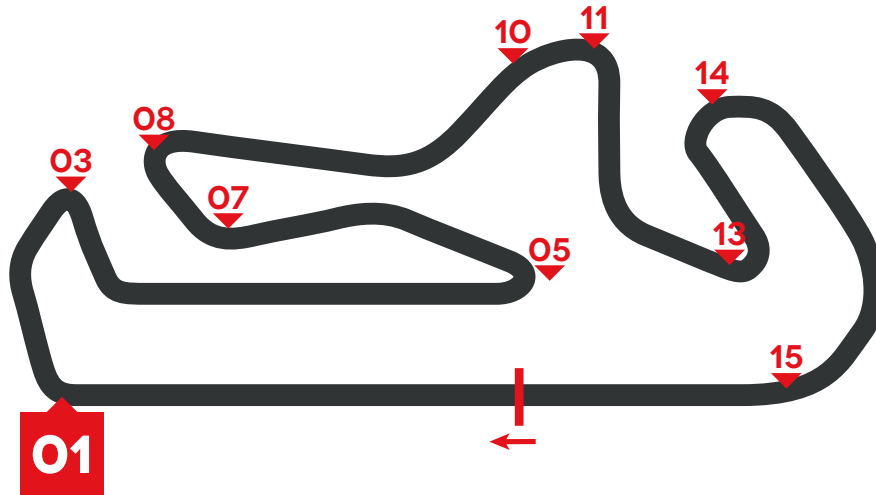
WSBK 2019 PORTUGUESE ROUND



**BRAKE CIRCUIT
IDENTITY CARDS**
06-08 SEP 2019

BRAKE EFFORT **MEDIUM**

TIME SPENT BRAKING **30%**



brembo DATA

The Algarve Circuit is characterized by two braking sections classified as demanding on the brakes, three of medium difficulty and five light and all with deceleration between 0.8 and 1.4 g. The frequent differences in level on the circuit can be another critical part of the track since it cause the shaking of the bike, but they do not have a severe influence on the braking system.

CIRCUIT DATA

Length: **4,592 m**
Number of brakings: **10**

IMPORTANT

TURN 01* is considered the most demanding for the braking system

Should you publish any of the data contained here please quote Brembo as source used.

01*		
Initial speed	306	(Km/h)
Final speed	118	(Km/h)
Stopping distance	276	(m)
Braking time	5	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	5.8	(Kg)

03		
Initial speed	162	(Km/h)
Final speed	55	(Km/h)
Stopping distance	97	(m)
Braking time	3.5	(sec)
Maximum deceleration	1	(g)
Max force on lever	4.1	(Kg)

05		
Initial speed	234	(Km/h)
Final speed	75	(Km/h)
Stopping distance	192	(m)
Braking time	4.9	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	4.7	(Kg)

07		
Initial speed	196	(Km/h)
Final speed	135	(Km/h)
Stopping distance	176	(m)
Braking time	2.7	(sec)
Maximum deceleration	0.9	(g)
Max force on lever	2.5	(Kg)

08		
Initial speed	145	(Km/h)
Final speed	78	(Km/h)
Stopping distance	67	(m)
Braking time	2.3	(sec)
Maximum deceleration	1	(g)
Max force on lever	3.8	(Kg)

10		
Initial speed	204	(Km/h)
Final speed	128	(Km/h)
Stopping distance	112	(m)
Braking time	2.4	(sec)
Maximum deceleration	0.9	(g)
Max force on lever	3.4	(Kg)

11		
Initial speed	125	(Km/h)
Final speed	81	(Km/h)
Stopping distance	56	(m)
Braking time	2	(sec)
Maximum deceleration	0.8	(g)
Max force on lever	2.1	(Kg)

13		
Initial speed	178	(Km/h)
Final speed	63	(Km/h)
Stopping distance	103	(m)
Braking time	3.3	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	4.3	(Kg)

14		
Initial speed	143	(Km/h)
Final speed	82	(Km/h)
Stopping distance	86	(m)
Braking time	2.9	(sec)
Maximum deceleration	0.8	(g)
Max force on lever	2.5	(Kg)

15		
Initial speed	205	(Km/h)
Final speed	153	(Km/h)
Stopping distance	100	(m)
Braking time	2	(sec)
Maximum deceleration	0.9	(g)
Max force on lever	2.6	(Kg)