

WSBK 2019

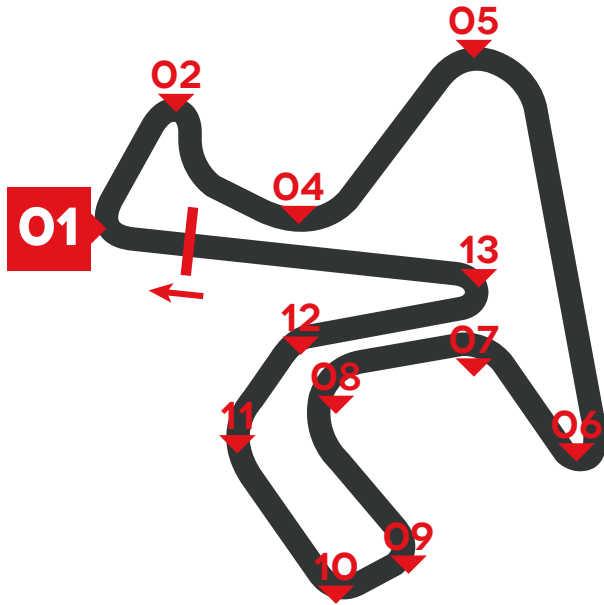
# ACERBIS SPANISH ROUND



BRAKE CIRCUIT  
IDENTITY CARDS  
07-09 JUN 2019

BRAKE EFFORT **HARD**

TIME SPENT BRAKING **35%**



## **brembo** DATA

The track is one the WSBK drivers' favourites with points which favour overtaking. The layout of the track require a well-balanced, easy to handle motorcycle, which is stable when braked to be able to attack in the faster curves.

The track is characterized by two very demanding cut outs (the 1 and 6) characterized by deceleration greater than -1.3 and 1.5 g.

### CIRCUIT DATA

Length: **4,423 m**  
Number of brakings: **12**

### 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	266	(Km/h)
Final speed	85	(Km/h)
Stopping distance	200	(m)
Braking time	4.5	(sec)
Maximum deceleration	1.5	(g)
Max force on lever	5.7	(Kg)

#### **02**

Initial speed	164	(Km/h)
Final speed	64	(Km/h)
Stopping distance	100	(m)
Braking time	3.3	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	4.9	(Kg)

#### **04**

Initial speed	195	(Km/h)
Final speed	153	(Km/h)
Stopping distance	83	(m)
Braking time	1.7	(sec)
Maximum deceleration	0.9	(g)
Max force on lever	2.6	(Kg)

#### **05**

Initial speed	225	(Km/h)
Final speed	119	(Km/h)
Stopping distance	162	(m)
Braking time	3.6	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	4.7	(Kg)

#### **06**

Initial speed	271	(Km/h)
Final speed	63	(Km/h)
Stopping distance	230	(m)
Braking time	5.4	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.1	(Kg)

#### **07**

Initial speed	184	(Km/h)
Final speed	151	(Km/h)
Stopping distance	69	(m)
Braking time	1.5	(sec)
Maximum deceleration	0.8	(g)
Max force on lever	2.1	(Kg)

#### **08**

Initial speed	208	(Km/h)
Final speed	123	(Km/h)
Stopping distance	121	(m)
Braking time	2.8	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	4.4	(Kg)

#### **09**

Initial speed	192	(Km/h)
Final speed	92	(Km/h)
Stopping distance	130	(m)
Braking time	3.5	(sec)
Maximum deceleration	1	(g)
Max force on lever	4.5	(Kg)

#### **10**

Initial speed	133	(Km/h)
Final speed	105	(Km/h)
Stopping distance	47	(m)
Braking time	1.5	(sec)
Maximum deceleration	0.8	(g)
Max force on lever	3.5	(Kg)

#### **11**

Initial speed	211	(Km/h)
Final speed	151	(Km/h)
Stopping distance	108	(m)
Braking time	2.2	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	4.3	(Kg)

#### **12**

Initial speed	188	(Km/h)
Final speed	164	(Km/h)
Stopping distance	56	(m)
Braking time	1.2	(sec)
Maximum deceleration	0.7	(g)
Max force on lever	2.6	(Kg)

#### **13**

Initial speed	217	(Km/h)
Final speed	67	(Km/h)
Stopping distance	160	(m)
Braking time	4.3	(sec)
Maximum deceleration	1	(g)
Max force on lever	5.3	(Kg)