

WSBK 2019

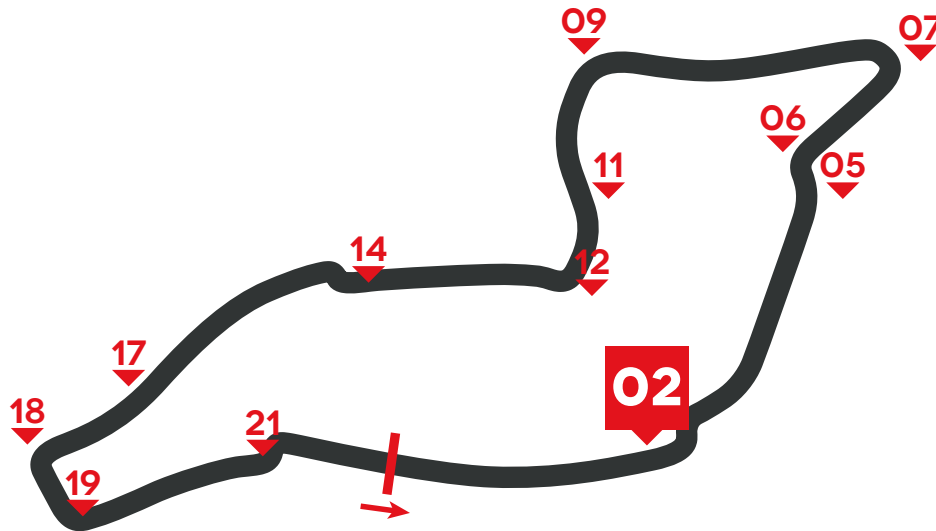
PIRELLI ITALIAN ROUND



BRAKE CIRCUIT
IDENTITY CARDS
10-12 MAY 2019

BRAKE EFFORT **VERY HARD**

TIME SPENT BRAKING **30%**



brembo DATA

The Imola Circuit is characterized by the presence of various braking section high demanding for brakes and all with deceleration between 1.4 and 0.7 g. What emerges is a very technical track with an high use of the brakes that lead to high intensity cut outs.

CIRCUIT DATA

Length: **4,936 m**
Number of brakings: **12**

IMPORTANT

TURN 02* is considered the most demanding for the braking system

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

02*		
Initial speed	289	(Km/h)
Final speed	100	(Km/h)
Stopping distance	195	(m)
Braking time	4.1	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	5.5	(Kg)

07		
Initial speed	191	(Km/h)
Final speed	73	(Km/h)
Stopping distance	111	(m)
Braking time	3.3	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	4.9	(Kg)

12		
Initial speed	145	(Km/h)
Final speed	95	(Km/h)
Stopping distance	59	(m)
Braking time	1.8	(sec)
Maximum deceleration	1	(g)
Max force on lever	4.4	(Kg)

18		
Initial speed	181	(Km/h)
Final speed	86	(Km/h)
Stopping distance	109	(m)
Braking time	3	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	4.3	(Kg)

05		
Initial speed	246	(Km/h)
Final speed	141	(Km/h)
Stopping distance	132	(m)
Braking time	2.5	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	4	(Kg)

09		
Initial speed	236	(Km/h)
Final speed	123	(Km/h)
Stopping distance	165	(m)
Braking time	3.3	(sec)
Maximum deceleration	1	(g)
Max force on lever	3.8	(Kg)

14		
Initial speed	236	(Km/h)
Final speed	87	(Km/h)
Stopping distance	149	(m)
Braking time	3.5	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.3	(Kg)

19		
Initial speed	130	(Km/h)
Final speed	103	(Km/h)
Stopping distance	39	(m)
Braking time	1.2	(sec)
Maximum deceleration	0.7	(g)
Max force on lever	2.1	(Kg)

06		
Initial speed	138	(Km/h)
Final speed	104	(Km/h)
Stopping distance	64	(m)
Braking time	1.8	(sec)
Maximum deceleration	0.7	(g)
Max force on lever	2.1	(Kg)

11		
Initial speed	218	(Km/h)
Final speed	152	(Km/h)
Stopping distance	109	(m)
Braking time	2.2	(sec)
Maximum deceleration	1	(g)
Max force on lever	3.4	(Kg)

17		
Initial speed	258	(Km/h)
Final speed	185	(Km/h)
Stopping distance	105	(m)
Braking time	1.7	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	4.1	(Kg)

21		
Initial speed	235	(Km/h)
Final speed	75	(Km/h)
Stopping distance	169	(m)
Braking time	4	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	4.5	(Kg)