

WSBK 2019

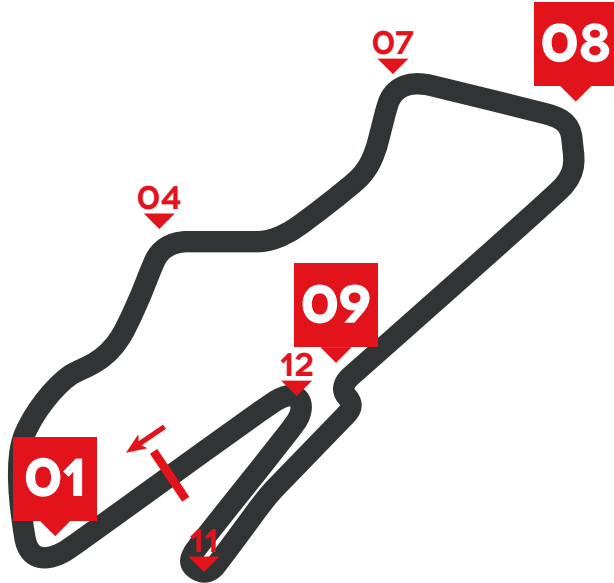
PROSECCO DOC UK ROUND



BRAKE CIRCUIT
IDENTITY CARDS
05-07 JUL 2019

BRAKE EFFORT **VERY HARD**

TIME SPENT BRAKING **32%**



brembo DATA

The Donington racetrack is one of the hardest on the Superbike braking systems. There are two particularly hard cut outs (the Redgate and The Esses) where braking are particularly demanding and characterized by sharp decelerations with G-Force of 1.3 g and over 170 km/h (105.6 mph) difference between initial and final speed.

CIRCUIT DATA

Length: **4,023 m**
Number of brakings: **7**

IMPORTANT

TURN 09* 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	259	(Km/h)
Final speed	88	(Km/h)
Stopping distance	215	(m)
Braking time	4.8	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.1	(Kg)

04		
Initial speed	196	(Km/h)
Final speed	121	(Km/h)
Stopping distance	117	(m)
Braking time	2.8	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	4.8	(Kg)

07		
Initial speed	194	(Km/h)
Final speed	103	(Km/h)
Stopping distance	131	(m)
Braking time	3.3	(sec)
Maximum deceleration	0.9	(g)
Max force on lever	3.5	(Kg)

08		
Initial speed	204	(Km/h)
Final speed	109	(Km/h)
Stopping distance	124	(m)
Braking time	3.1	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	5.9	(Kg)

09*		
Initial speed	273	(Km/h)
Final speed	99	(Km/h)
Stopping distance	209	(m)
Braking time	4.3	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	5.1	(Kg)

11		
Initial speed	224	(Km/h)
Final speed	50	(Km/h)
Stopping distance	187	(m)
Braking time	5.3	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	4.9	(Kg)

12		
Initial speed	204	(Km/h)
Final speed	59	(Km/h)
Stopping distance	147	(m)
Braking time	4.4	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	4.7	(Kg)