

BRAKE CIRCUIT IDENTITY CARD

05 DONINGTON PARK CIRCUIT

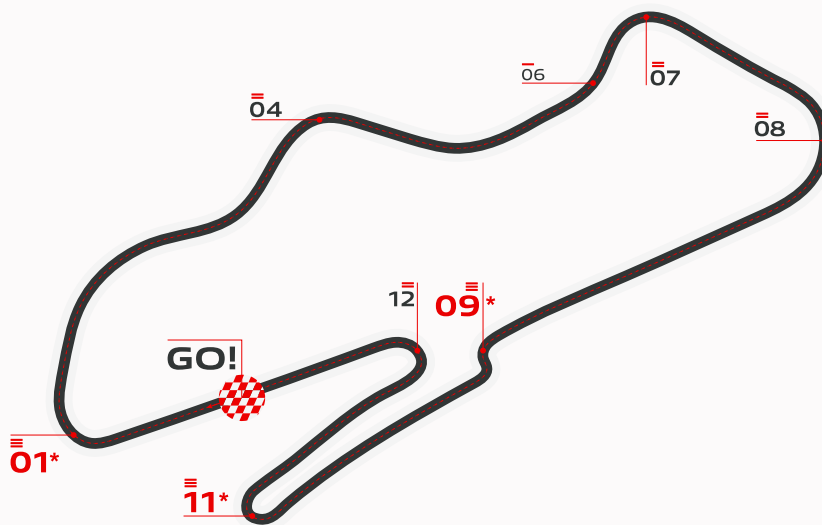
4,023 m / 23 laps

Donington Park is one of the toughest tracks for Superbike braking systems because starting from turn 7 it has 5 hard braking sections in which the bikes drop below 115 km/h (71 mph) before entering the corner.

The succession of braking does not facilitate the cooling of the brakes.

PROSECCO DOC UK ROUND

United Kingdom 12th July - 14th July 2024



* TURN 01	Initial Speed km/h	263
	Final Speed km/h	96
	Stopping Distance m	185
	Braking Time sec	3.9
	Maximum Deceleration g	1.5
	Max Force on Lever kg	5.3
	Brake Pressure bar	11.4

 TURN 04	Initial Speed km/h	203
	Final Speed km/h	126
	Stopping Distance m	129
	Braking Time sec	2.8
	Maximum Deceleration g	1.0
	Max Force on Lever kg	3.5
	Brake Pressure bar	7.6

 TURN 06	Initial Speed km/h	233
	Final Speed km/h	213
	Stopping Distance m	63
	Braking Time sec	1.0
	Maximum Deceleration g	0.7
	Max Force on Lever kg	0.1
	Brake Pressure bar	0.2

 TURN 07	Initial Speed km/h	201
	Final Speed km/h	102
	Stopping Distance m	129
	Braking Time sec	3.1
	Maximum Deceleration g	1.0
	Max Force on Lever kg	3.6
	Brake Pressure bar	7.8

 TURN 08	Initial Speed km/h	208
	Final Speed km/h	111
	Stopping Distance m	127
	Braking Time sec	3.0
	Maximum Deceleration g	1.1
	Max Force on Lever kg	4.2
	Brake Pressure bar	9.1

* TURN 09	Initial Speed km/h	271
	Final Speed km/h	103
	Stopping Distance m	187
	Braking Time sec	3.7
	Maximum Deceleration g	1.5
	Max Force on Lever kg	5.1
	Brake Pressure bar	11.0

* TURN 11	Initial Speed km/h	234
	Final Speed km/h	49
	Stopping Distance m	179
	Braking Time sec	4.7
	Maximum Deceleration g	1.3
	Max Force on Lever kg	4.6
	Brake Pressure bar	9.8

 TURN 12	Initial Speed km/h	213
	Final Speed km/h	57
	Stopping Distance m	164
	Braking Time sec	4.5
	Maximum Deceleration g	1.1
	Max Force on Lever kg	4.5
	Brake Pressure bar	9.6



TIME SPENT BRAKING

31%



BRAKES EFFORT

5/5 VERY HARD

* Turn 01, Turn 09 & Turn 11 are considered the most demanding for the braking system.

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