



BRAKE CIRCUIT IDENTITY CARD

DONINGTON PARK CIRCUIT

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 110 km/h (68 mph) before entering the corner. The succession of braking does not facilitate the cooling of the brakes.

SHOULD YOU PUBLISH ANY OF THE DATA CONTAINED HERE PLEASE QUOTE BREMBO AS SOURCE USED.

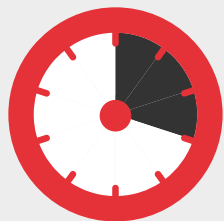
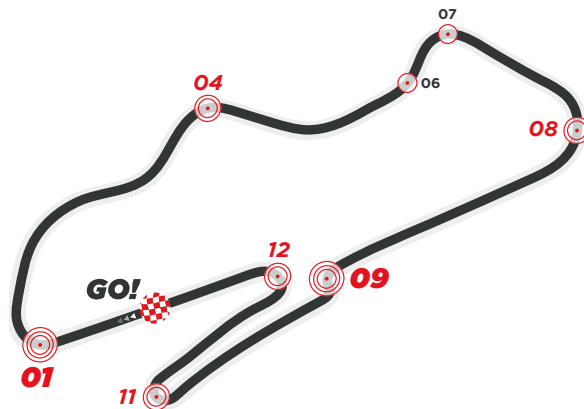
SUPERBIKE

30 JUN - 02 JUL 2023 PROSECCO DOC UK ROUND



CIRCUIT LENGTH: **4.023 Km**

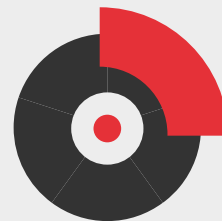
NUMBER OF LAPS: **23**



TIME SPENT BRAKING:
32%

**TURN 01*, TURN 09*
& TURN 08*
ARE CONSIDERED THE
MOST DEMANDING FOR THE
BRAKING SYSTEM**

BRAKES EFFORT:
HARD



08 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	263
	Final Speed (km/h)	90
	Stopping Distance (m)	196
	Braking Time (sec)	4.3
	Maximum Deceleration (g)	1.5
	Max Force on Lever (kg)	4.8
	Brake Pressure (bar)	10.2

04 TURN	Initial Speed (km/h)	202
	Final Speed (km/h)	123
	Stopping Distance (m)	127
	Braking Time (sec)	2.8
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	3.7
	Brake Pressure (bar)	7.9

06 TURN	Initial Speed (km/h)	228
	Final Speed (km/h)	208
	Stopping Distance (m)	62
	Braking Time (sec)	1
	Maximum Deceleration (g)	0.7
	Max Force on Lever (kg)	0.3
	Brake Pressure (bar)	0.2

07 TURN	Initial Speed (km/h)	196
	Final Speed (km/h)	103
	Stopping Distance (m)	120
	Braking Time (sec)	2.9
	Maximum Deceleration (g)	1
	Max Force on Lever (kg)	3.3
	Brake Pressure (bar)	7.1

08 TURN	Initial Speed (km/h)	213
	Final Speed (km/h)	108
	Stopping Distance (m)	134
	Braking Time (sec)	3.2
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	5.2
	Brake Pressure (bar)	11.2

09 TURN	Initial Speed (km/h)	272
	Final Speed (km/h)	103
	Stopping Distance (m)	205
	Braking Time (sec)	4.1
	Maximum Deceleration (g)	1.4
	Max Force on Lever (kg)	4.2
	Brake Pressure (bar)	9.1

11 TURN	Initial Speed (km/h)	233
	Final Speed (km/h)	45
	Stopping Distance (m)	186
	Braking Time (sec)	4.9
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.2
	Brake Pressure (bar)	8.9

12 TURN	Initial Speed (km/h)	208
	Final Speed (km/h)	56
	Stopping Distance (m)	163
	Braking Time (sec)	4.6
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	4.5
	Brake Pressure (bar)	9.6