



BRAKE CIRCUIT IDENTITY CARD

PHILLIP ISLAND GRAND PRIX CIRCUIT

The Australian circuit is one of the least difficult for Superbike brakes. Despite its location in the Southern Hemisphere, having the Pacific Ocean nearby helps moderate brake temperatures. The abundant large fast bends and lack of stop-and-go curves also help with the cooling. Riders brake rarely and only for short periods of time.

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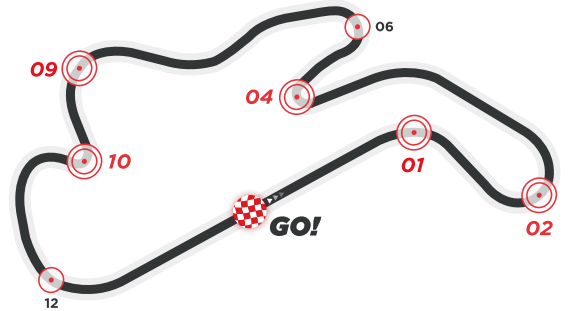
SUPERBIKE

24-26 FEB 2023 GRAND RIDGE BREWERY AUSTRALIAN ROUND



CIRCUIT LENGTH: **4.445 Km**

NUMBER OF LAPS: **22**



TIME SPENT BRAKING:
25%

**TURN 04*, TURN 10*
& TURN 02***
ARE CONSIDERED THE
MOST DEMANDING FOR THE
BRAKING SYSTEM

BRAKES EFFORT:
EASY



07 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	318
	Final Speed (km/h)	182
	Stopping Distance (m)	232
	Braking Time (sec)	3.3
	Maximum Deceleration (g)	1.3
	Max Force on Lever (kg)	2.4
	Brake Pressure (bar)	5.2

02 TURN	Initial Speed (km/h)	213
	Final Speed (km/h)	124
	Stopping Distance (m)	142
	Braking Time (sec)	3.1
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	3.7
	Brake Pressure (bar)	7.9

04 TURN	Initial Speed (km/h)	229
	Final Speed (km/h)	63
	Stopping Distance (m)	175
	Braking Time (sec)	4.3
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.3
	Brake Pressure (bar)	9.2

06 TURN	Initial Speed (km/h)	178
	Final Speed (km/h)	92
	Stopping Distance (m)	124
	Braking Time (sec)	3.3
	Maximum Deceleration (g)	0.9
	Max Force on Lever (kg)	3.1
	Brake Pressure (bar)	6.6

09 TURN	Initial Speed (km/h)	227
	Final Speed (km/h)	144
	Stopping Distance (m)	141
	Braking Time (sec)	2.7
	Maximum Deceleration (g)	1.1
	Max Force on Lever (kg)	2.9
	Brake Pressure (bar)	6.3

10 TURN	Initial Speed (km/h)	162
	Final Speed (km/h)	69
	Stopping Distance (m)	109
	Braking Time (sec)	3.3
	Maximum Deceleration (g)	1.2
	Max Force on Lever (kg)	4.6
	Brake Pressure (bar)	9.9

12 TURN	Initial Speed (km/h)	203
	Final Speed (km/h)	165
	Stopping Distance (m)	103
	Braking Time (sec)	2
	Maximum Deceleration (g)	0.7
	Max Force on Lever (kg)	1.3
	Brake Pressure (bar)	2.8