



BRAKE CIRCUIT IDENTITY CARD YAS MARINA CIRCUIT

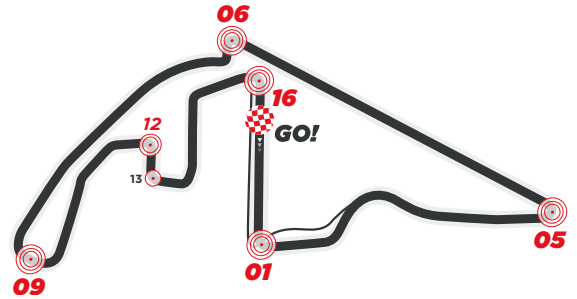
For the tenth time running, the Formula 1 world championship has come to a close in the Arab Emirates. In 2021 the Yas Marina Circuit was given a new layout, with 5 corners less than the previous version and that, together with the shorter track, led to 12 second faster lap times in the qualifying round.

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FORMULA 1

24-26 NOV 2023 @ ETIHAD AIRWAYS
ABU DHABI GRAND PRIX

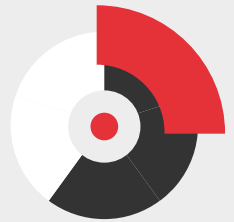
CIRCUIT LENGTH: **5.281 Km**
 NUMBER OF LAPS: **58**



TIME SPENT BRAKING:
16%

**TURN 06*, TURN 05*
& TURN 16***
ARE CONSIDERED THE
MOST DEMANDING FOR THE
BRAKING SYSTEM

BRAKES EFFORT:
MEDIUM



07 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	274
	Final Speed (km/h)	146
	Stopping Distance (m)	85
	Braking Time (sec)	1.55
	Maximum Deceleration (g)	4.6
	Maximum Pedal Load (kg)	143
	Braking Power (kW)	2253

05 TURN	Initial Speed (km/h)	290
	Final Speed (km/h)	95
	Stopping Distance (m)	114
	Braking Time (sec)	2.51
	Maximum Deceleration (g)	4.8
	Maximum Pedal Load (kg)	148
	Braking Power (kW)	2511

06 TURN	Initial Speed (km/h)	315
	Final Speed (km/h)	65
	Stopping Distance (m)	120
	Braking Time (sec)	2.81
	Maximum Deceleration (g)	4.8
	Maximum Pedal Load (kg)	148
	Braking Power (kW)	2598

09 TURN	Initial Speed (km/h)	307
	Final Speed (km/h)	159
	Stopping Distance (m)	105
	Braking Time (sec)	1.72
	Maximum Deceleration (g)	4.5
	Maximum Pedal Load (kg)	132
	Braking Power (kW)	2357

12 TURN	Initial Speed (km/h)	283
	Final Speed (km/h)	110
	Stopping Distance (m)	98
	Braking Time (sec)	2.10
	Maximum Deceleration (g)	3.9
	Maximum Pedal Load (kg)	119
	Braking Power (kW)	1769

13 TURN	Initial Speed (km/h)	155
	Final Speed (km/h)	134
	Stopping Distance (m)	19
	Braking Time (sec)	0.48
	Maximum Deceleration (g)	2.0
	Maximum Pedal Load (kg)	64
	Braking Power (kW)	465

16 TURN	Initial Speed (km/h)	270
	Final Speed (km/h)	120
	Stopping Distance (m)	95
	Braking Time (sec)	2.01
	Maximum Deceleration (g)	4.6
	Maximum Pedal Load (kg)	145
	Braking Power (kW)	2233