



FORMULA 1

28-30 APR 2023 @ AZERBAIJAN GRAND PRIX

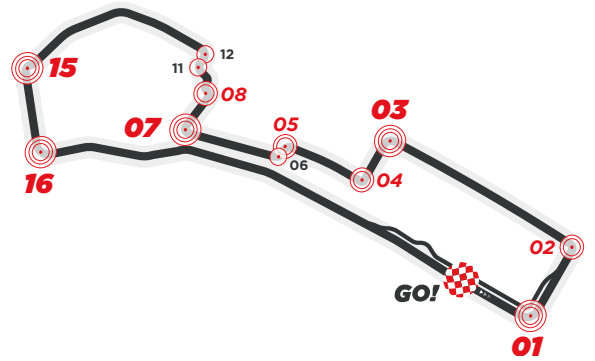
BRAKE CIRCUIT IDENTITY CARD

BAKU CITY CIRCUIT

The track winds along the most scenic roads of Baku. After the first 4 right angle curves, the track becomes more perilous and has a total of 12 braking points per lap. Overall the circuit is highly demanding on the brakes and all the teams will have to pay close attention to the temperature of the brake discs and calipers.

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

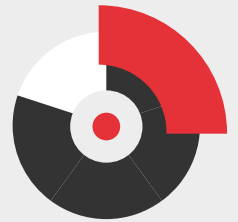
CIRCUIT LENGTH: **6.003 Km**
 NUMBER OF LAPS: **51**



TIME SPENT BRAKING:
19%

TURN 03*, TURN 01* & TURN 15*
ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

BRAKES EFFORT:
HARD



12 BRAKE ZONES / LAP

01 TURN	Initial Speed (km/h)	324
	Final Speed (km/h)	123
	Stopping Distance (m)	106
	Braking Time (sec)	1.97
	Maximum Deceleration (g)	4.8
	Maximum Pedal Load (kg)	151
	Braking Power (kW)	2653

02 TURN	Initial Speed (km/h)	249
	Final Speed (km/h)	96
	Stopping Distance (m)	77
	Braking Time (sec)	1.78
	Maximum Deceleration (g)	4.6
	Maximum Pedal Load (kg)	148
	Braking Power (kW)	2127

03 TURN	Initial Speed (km/h)	315
	Final Speed (km/h)	105
	Stopping Distance (m)	106
	Braking Time (sec)	2.18
	Maximum Deceleration (g)	4.8
	Maximum Pedal Load (kg)	150
	Braking Power (kW)	2625

04 TURN	Initial Speed (km/h)	222
	Final Speed (km/h)	97
	Stopping Distance (m)	65
	Braking Time (sec)	1.66
	Maximum Deceleration (g)	3.7
	Maximum Pedal Load (kg)	121
	Braking Power (kW)	1433

05 TURN	Initial Speed (km/h)	250
	Final Speed (km/h)	100
	Stopping Distance (m)	90
	Braking Time (sec)	2.09
	Maximum Deceleration (g)	4.3
	Maximum Pedal Load (kg)	139
	Braking Power (kW)	1961

06 TURN	Initial Speed (km/h)	122
	Final Speed (km/h)	97
	Stopping Distance (m)	21
	Braking Time (sec)	0.75
	Maximum Deceleration (g)	2.3
	Maximum Pedal Load (kg)	81
	Braking Power (kW)	438

07 TURN	Initial Speed (km/h)	259
	Final Speed (km/h)	73
	Stopping Distance (m)	88
	Braking Time (sec)	2.26
	Maximum Deceleration (g)	4.6
	Maximum Pedal Load (kg)	147
	Braking Power (kW)	2193

08 TURN	Initial Speed (km/h)	209
	Final Speed (km/h)	113
	Stopping Distance (m)	51
	Braking Time (sec)	1.19
	Maximum Deceleration (g)	3.9
	Maximum Pedal Load (kg)	130
	Braking Power (kW)	1524

11 TURN	Initial Speed (km/h)	169
	Final Speed (km/h)	112
	Stopping Distance (m)	42
	Braking Time (sec)	1.18
	Maximum Deceleration (g)	2.7
	Maximum Pedal Load (kg)	91
	Braking Power (kW)	698

12 TURN	Initial Speed (km/h)	123
	Final Speed (km/h)	103
	Stopping Distance (m)	19
	Braking Time (sec)	0.58
	Maximum Deceleration (g)	2.1
	Maximum Pedal Load (kg)	73
	Braking Power (kW)	434

15 TURN	Initial Speed (km/h)	296
	Final Speed (km/h)	98
	Stopping Distance (m)	97
	Braking Time (sec)	2.07
	Maximum Deceleration (g)	4.6
	Maximum Pedal Load (kg)	144
	Braking Power (kW)	2386

16 TURN	Initial Speed (km/h)	258
	Final Speed (km/h)	126
	Stopping Distance (m)	78
	Braking Time (sec)	1.62
	Maximum Deceleration (g)	4.7
	Maximum Pedal Load (kg)	150
	Braking Power (kW)	2226