

2018 FORMULA 1

AZERBAIJAN GRAND PRIX

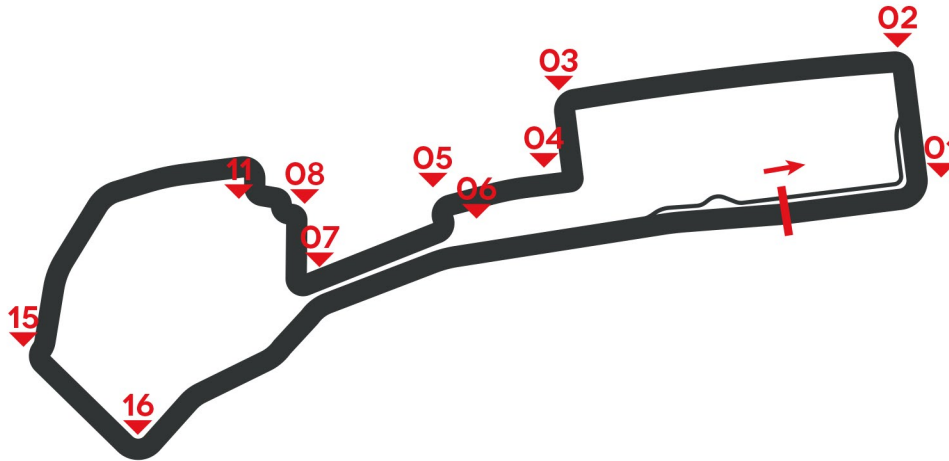
BRAKES EFFORT **HARD**

TIME SPENT BRAKING **17%**



**BRAKE CIRCUIT
IDENTITY CARDS**
27-29 APR 2018

brembo DATA



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 11 braking points per lap. Of these, 6 are classified as medium demanding for the brakes, and only 3 are light. This means that a great deal of time per lap is spent braking, about 19%. As this is a street track, freshly asphalted in certain sections, the surface will progressively be rubberised, which implies an increase in deceleration and increase demands on the brakes in terms of temperature and wear.

CIRCUIT DATA

Length: **6,003 m** - Number of laps: **51**
Number of brake zones/lap: **11**

IMPORTANT

***TURN 01** is considered the most demanding for the braking system.

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

O1*	
Initial speed	317 (Km/h)
Final speed	126 (Km/h)
Stopping distance	50 (m)
Braking time	1.79 (sec)
Maximum deceleration	4.8 (g)
Maximum pedal load	139 (Kg)
Braking power	1885 (Kw)

O4	
Initial speed	223 (Km/h)
Final speed	101 (Km/h)
Stopping distance	33 (m)
Braking time	1.45 (sec)
Maximum deceleration	4.2 (g)
Maximum pedal load	128 (Kg)
Braking power	1267 (Kw)

O7	
Initial speed	263 (Km/h)
Final speed	86 (Km/h)
Stopping distance	46 (m)
Braking time	1.76 (sec)
Maximum deceleration	4.7 (g)
Maximum pedal load	140 (Kg)
Braking power	1656 (Kw)

15	
Initial speed	296 (Km/h)
Final speed	98 (Km/h)
Stopping distance	51 (m)
Braking time	1.89 (sec)
Maximum deceleration	4.6 (g)
Maximum pedal load	129 (Kg)
Braking power	1738 (Kw)

O2	
Initial speed	254 (Km/h)
Final speed	104 (Km/h)
Stopping distance	40 (m)
Braking time	1.55 (sec)
Maximum deceleration	4.7 (g)
Maximum pedal load	139 (Kg)
Braking power	1596 (Kw)

O5	
Initial speed	252 (Km/h)
Final speed	106 (Km/h)
Stopping distance	39 (m)
Braking time	1.83 (sec)
Maximum deceleration	4.6 (g)
Maximum pedal load	136 (Kg)
Braking power	1527 (Kw)

O8	
Initial speed	205 (Km/h)
Final speed	94 (Km/h)
Stopping distance	30 (m)
Braking time	1.32 (sec)
Maximum deceleration	4.0 (g)
Maximum pedal load	123 (Kg)
Braking power	1128 (Kw)

16	
Initial speed	256 (Km/h)
Final speed	118 (Km/h)
Stopping distance	37 (m)
Braking time	1.58 (sec)
Maximum deceleration	4.7 (g)
Maximum pedal load	142 (Kg)
Braking power	1634 (Kw)

O3	
Initial speed	315 (Km/h)
Final speed	99 (Km/h)
Stopping distance	56 (m)
Braking time	2.03 (sec)
Maximum deceleration	4.8 (g)
Maximum pedal load	139 (Kg)
Braking power	1901 (Kw)

O6	
Initial speed	117 (Km/h)
Final speed	97 (Km/h)
Stopping distance	7 (m)
Braking time	0.60 (sec)
Maximum deceleration	2.3 (g)
Maximum pedal load	70 (Kg)
Braking power	365 (Kw)

11	
Initial speed	160 (Km/h)
Final speed	101 (Km/h)
Stopping distance	17 (m)
Braking time	1.12 (sec)
Maximum deceleration	3.2 (g)
Maximum pedal load	100 (Kg)
Braking power	686 (Kw)