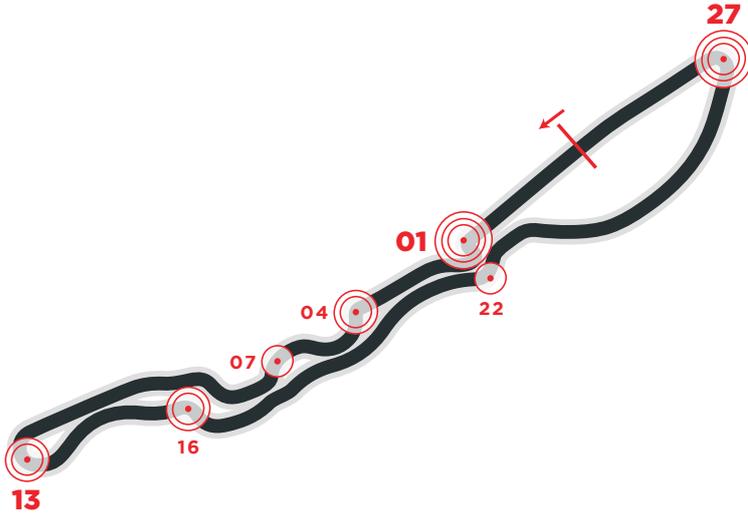




2022 FORMULA 1 STC SAUDI ARABIAN GRAND PRIX

25-27 MAR 2022



BRAKE CIRCUIT IDENTITY CARD

For the second year running, Formula 1 competes in Saudi Arabia thirty kilometers outside the historic city of Jeddah. Without any 90 degree corners, last year this track earned itself the title of the longest and fastest city circuit in the history of the World Championship: the average speed on the pole position lap was just under 254 km/h (158 mph).

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

BRAKES EFFORT HARD

TIME SPENT BRAKING 11%

TURN 27*, TURN 01* AND TURN 13* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

CIRCUIT LENGTH 6.174 M

NUMBER OF LAPS 50

NUMBER OF BRAKE ZONES/LAP 07

TURN 01	Initial speed	323	(Km/h)
	Final speed	119	(Km/h)
	Stopping distance	125	(m)
	Braking time	2.48	(sec)
	Maximum deceleration	4.5	(g)

TURN 04	Initial speed	269	(Km/h)
	Final speed	162	(Km/h)
	Stopping distance	69	(m)
	Braking time	1.24	(sec)
	Maximum deceleration	4.2	(g)

TURN 07	Initial speed	260	(Km/h)
	Final speed	256	(Km/h)
	Stopping distance	4	(m)
	Braking time	0.06	(sec)
	Maximum deceleration	2.1	(g)

TURN 13	Initial speed	295	(Km/h)
	Final speed	169	(Km/h)
	Stopping distance	97	(m)
	Braking time	1.63	(sec)
	Maximum deceleration	4.3	(g)

TURN 16	Initial speed	288	(Km/h)
	Final speed	188	(Km/h)
	Stopping distance	74	(m)
	Braking time	1.21	(sec)
	Maximum deceleration	4.0	(g)

TURN 22	Initial speed	312	(Km/h)
	Final speed	232	(Km/h)
	Stopping distance	61	(m)
	Braking time	0.83	(sec)
	Maximum deceleration	4.3	(g)

TURN 27	Initial speed	316	(Km/h)
	Final speed	105	(Km/h)
	Stopping distance	138	(m)
	Braking time	2.83	(sec)
	Maximum deceleration	4.4	(g)