

2021 FORMULA 1 OOREDOO QATAR GRAND PRIX

brembo 
19-21 NOV 2021

BRAKE CIRCUIT IDENTITY CARDS

BRAKES EFFORT

 **EASY**

TIME SPENT BRAKING

 **11%**

CIRCUIT LENGTH

 **5,380 M**

NUMBER OF LAPS

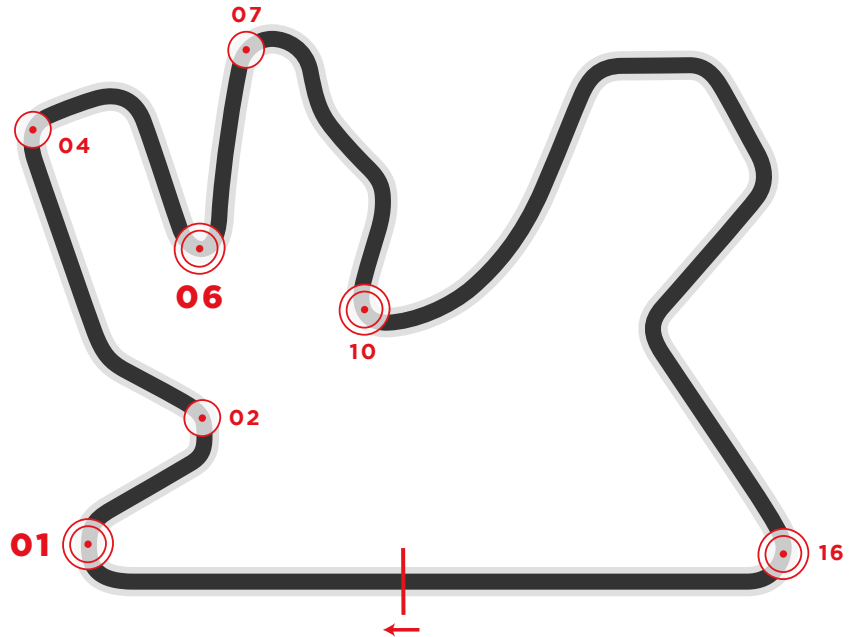
 **57**

NUMBER OF BRAKE ZONES/LAP

 **07**

IMPORTANT

TURN 06*, **TURN 10*** and **TURN 01*** are considered the most demanding for the braking system.



Seventeen years after MotoGP, Formula 1 also makes its *début* in Qatar. However, the Losail International Circuit has already hosted car races, from the GP2 Asia Series to the WTCC, but clearly no car has reached the speeds that the Formula 1 single-seaters will hit, both on straights and in turns.

Unlike the MotoGP bikes, forced to use the brakes on twelve of the sixteen turns at Losail International Circuit, the Formula 1 drivers only brake on seven corners.

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

01	Initial speed	315	(Km/h)
	Final speed	208	(Km/h)
	Stopping distance	79	(m)
	Braking time	1.14	(sec)
	Maximum deceleration	4.0	(g)

02	Initial speed	239	(Km/h)
	Final speed	193	(Km/h)
	Stopping distance	45	(m)
	Braking time	0.74	(sec)
	Maximum deceleration	2.6	(g)

04	Initial speed	287	(Km/h)
	Final speed	245	(Km/h)
	Stopping distance	49	(m)
	Braking time	0.68	(sec)
	Maximum deceleration	2.9	(g)

06	Initial speed	258	(Km/h)
	Final speed	98	(Km/h)
	Stopping distance	103	(m)
	Braking time	2.47	(sec)
	Maximum deceleration	4.2	(g)

07	Initial speed	261	(Km/h)
	Final speed	195	(Km/h)
	Stopping distance	58	(m)
	Braking time	0.97	(sec)
	Maximum deceleration	3.0	(g)

10	Initial speed	267	(Km/h)
	Final speed	157	(Km/h)
	Stopping distance	82	(m)
	Braking time	1.53	(sec)
	Maximum deceleration	3.9	(g)

16	Initial speed	284	(Km/h)
	Final speed	195	(Km/h)
	Stopping distance	72	(m)
	Braking time	1.14	(sec)
	Maximum deceleration	3.8	(g)