

2020 FORMULA 1 ROLEX SAKHIR GRAND PRIX

BRAKE CIRCUIT IDENTITY CARDS

BRAKES EFFORT

 **HARD**

TIME SPENT BRAKING

 **14%**

CIRCUIT LENGTH

 **3,543 M**

NUMBER OF LAPS

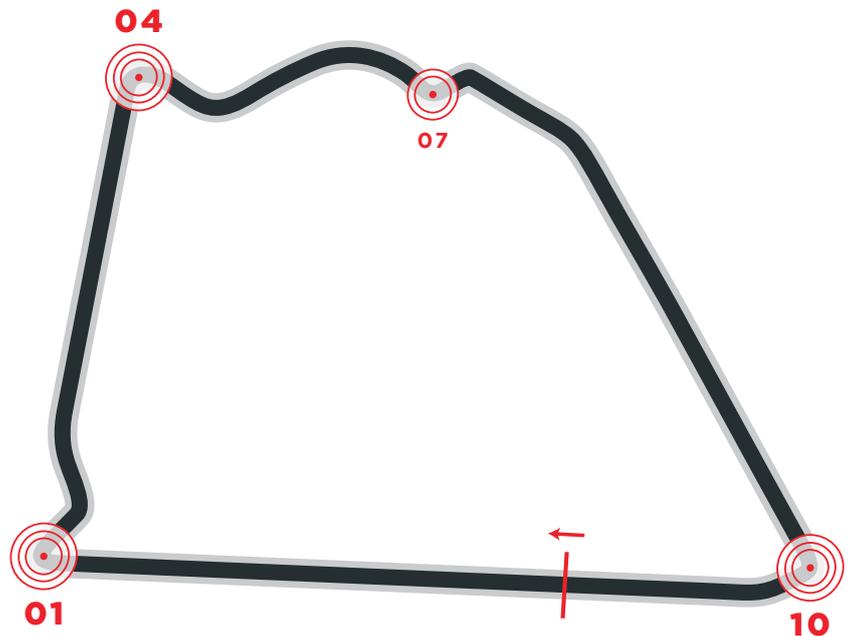
 **87**

NUMBER OF BRAKE ZONES/LAP

 **04**

IMPORTANT

TURN 01*, **TURN 10*** and **TURN 04*** are considered the most demanding for the braking system.



Like the main circuit, the Outer Track is also one of the most demanding circuits for brakes. The races on the Sakhir track, surrounded by the desert, are characterised by high temperatures that increase mechanical grip and make it difficult to dissipate the heat generated during braking. Although there are only 4 braking sections, 3 of these are really hard. If the drivers want to finish the race, the high wear of the friction material is the biggest danger that must be avoided.

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

TURN 01	Initial speed	337	(Km/h)
	Final speed	83	(Km/h)
	Stopping distance	122	(m)
	Braking time	2.44	(sec)
	Maximum deceleration	5.5	(g)
	Maximum pedal load	172	(Kg)
	Braking power	3154	(Kw)

TURN 04	Initial speed	301	(Km/h)
	Final speed	133	(Km/h)
	Stopping distance	105	(m)
	Braking time	1.96	(sec)
	Maximum deceleration	4.4	(g)
	Maximum pedal load	111	(Kg)
	Braking power	1924	(Kw)

TURN 07	Initial speed	277	(Km/h)
	Final speed	148	(Km/h)
	Stopping distance	83	(m)
	Braking time	1.34	(sec)
	Maximum deceleration	5.2	(g)
	Maximum pedal load	144	(Kg)
	Braking power	1580	(Kw)

TURN 10	Initial speed	309	(Km/h)
	Final speed	140	(Km/h)
	Stopping distance	97	(m)
	Braking time	1.72	(sec)
	Maximum deceleration	4.8	(g)
	Maximum pedal load	112	(Kg)
	Braking power	1942	(Kw)