

2021 FORMULA 1 PIRELLI GRAN PREMIO DEL MADE IN ITALY E DELL'EMILIA ROMAGNA

brembo 
16-18 APR 2021

BRAKE CIRCUIT IDENTITY CARD

BRAKES EFFORT

 **MEDIUM**

TIME SPENT BRAKING

 **13%**

CIRCUIT LENGTH

 **4,909 M**

NUMBER OF LAPS

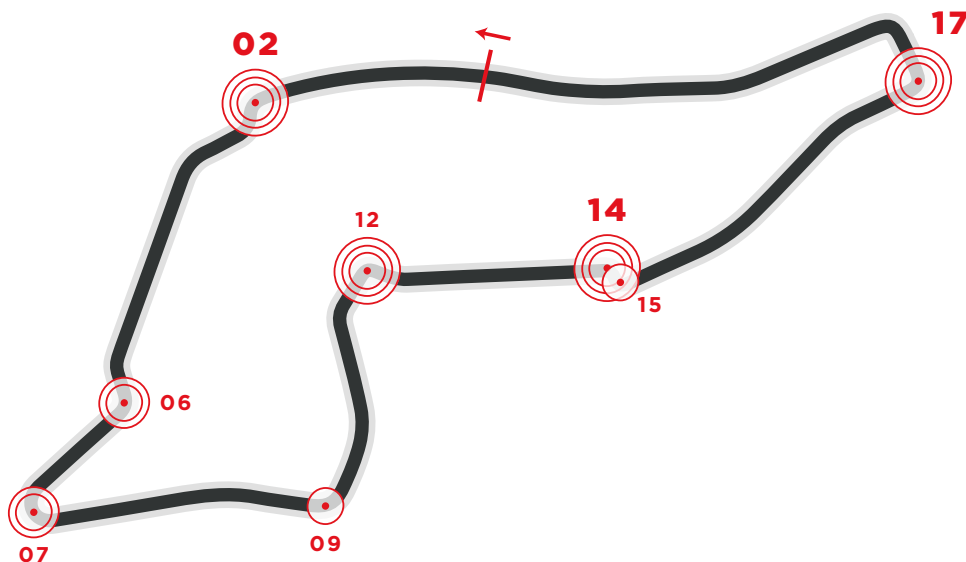
 **63**

NUMBER OF BRAKE ZONES/LAP

 **08**

IMPORTANT

TURN 17*, **TURN 14*** and **TURN 02*** are considered the most demanding for the braking system.



Formula 1 returned to race on this track last November after an absence of 14 years. With 22 turns and a really short home straight (358 m/392 yds), the circuit is very technical and calls for some really heavy engine braking of all kinds. It's not a coincidence that Enzo Ferrari called the circuit that bears his and his son Dino's names a "little Nürburgring".

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

02	Initial speed	336	(Km/h)
	Final speed	204	(Km/h)
	Stopping distance	86	(m)
	Braking time	1.16	(sec)
	Maximum deceleration	4.7	(g)
	Maximum pedal load	116	(Kg)
	Braking power	1816	(Kw)

06	Initial speed	289	(Km/h)
	Final speed	192	(Km/h)
	Stopping distance	69	(m)
	Braking time	0.89	(sec)
	Maximum deceleration	4.9	(g)
	Maximum pedal load	130	(Kg)
	Braking power	1353	(Kw)

07	Initial speed	269	(Km/h)
	Final speed	120	(Km/h)
	Stopping distance	95	(m)
	Braking time	1.85	(sec)
	Maximum deceleration	4.8	(g)
	Maximum pedal load	131	(Kg)
	Braking power	1550	(Kw)

09	Initial speed	290	(Km/h)
	Final speed	238	(Km/h)
	Stopping distance	48	(m)
	Braking time	0.46	(sec)
	Maximum deceleration	3.3	(g)
	Maximum pedal load	70	(Kg)
	Braking power	630	(Kw)

12	Initial speed	299	(Km/h)
	Final speed	158	(Km/h)
	Stopping distance	84	(m)
	Braking time	1.34	(sec)
	Maximum deceleration	5.1	(g)
	Maximum pedal load	125	(Kg)
	Braking power	1786	(Kw)

14	Initial speed	283	(Km/h)
	Final speed	126	(Km/h)
	Stopping distance	90	(m)
	Braking time	1.58	(sec)
	Maximum deceleration	5.8	(g)
	Maximum pedal load	142	(Kg)
	Braking power	2025	(Kw)

15	Initial speed	148	(Km/h)
	Final speed	120	(Km/h)
	Stopping distance	43	(m)
	Braking time	0.65	(sec)
	Maximum deceleration	2.3	(g)
	Maximum pedal load	75	(Kg)
	Braking power	138	(Kw)

17	Initial speed	309	(Km/h)
	Final speed	145	(Km/h)
	Stopping distance	96	(m)
	Braking time	1.62	(sec)
	Maximum deceleration	5.6	(g)
	Maximum pedal load	137	(Kg)
	Braking power	2230	(Kw)