

2020 FORMULA 1 PIRELLI GRAN PREMIO DELLA TOSCANA FERRARI 1000

brembo 
11-13 SEP 2020

BRAKE CIRCUIT IDENTITY CARDS

BRAKES EFFORT

 **MEDIUM**

TIME SPENT BRAKING

 **23%**

CIRCUIT LENGTH

 **5,245 M**

NUMBER OF LAPS

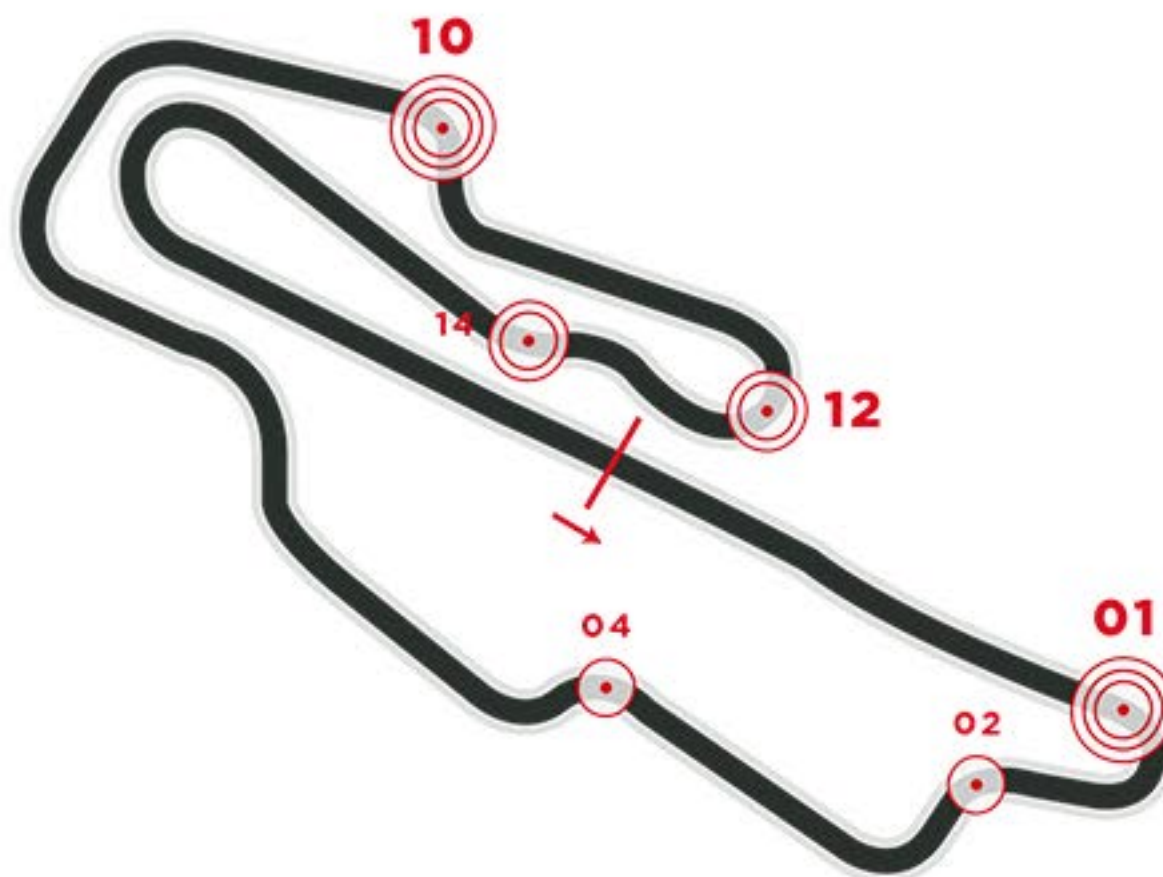
 **59**

NUMBER OF BRAKE ZONES/LAP

 **06**

IMPORTANT

TURN 01*, **TURN 10*** and **TURN 12*** are considered the most demanding for the braking system.



Formula 1 has never raced here but Ferrari, who has owned the circuit since 1988, carried out tests at the beginning of July with 2018 single-seaters.

MotoGP, on the other hand, first raced on the Mugello circuit in 1976 and has been using it on a regular basis since 1991.

On the Mugello track, MotoGP riders use the brakes on 9 bends whereas F1 drivers use them on only 6: thanks to the grip provided by the four wheels, the single-seaters tackle bends 6, 8 and 9.

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

01	Initial speed	333	(Km/h)
	Final speed	147	(Km/h)
	Stopping distance	126	(m)
	Braking time	2.22	(sec)
	Maximum deceleration	4.5	(g)
	Maximum pedal load	116	(Kg)
	Braking power	2138	(Kw)

02	Initial speed	243	(Km/h)
	Final speed	171	(Km/h)
	Stopping distance	66	(m)
	Braking time	0.97	(sec)
	Maximum deceleration	2.8	(g)
	Maximum pedal load	72	(Kg)
	Braking power	600	(Kw)

04	Initial speed	291	(Km/h)
	Final speed	217	(Km/h)
	Stopping distance	59	(m)
	Braking time	0.66	(sec)
	Maximum deceleration	4.1	(g)
	Maximum pedal load	112	(Kg)
	Braking power	980	(Kw)

10	Initial speed	314	(Km/h)
	Final speed	171	(Km/h)
	Stopping distance	98	(m)
	Braking time	1.56	(sec)
	Maximum deceleration	4.9	(g)
	Maximum pedal load	125	(Kg)
	Braking power	1845	(Kw)

12	Initial speed	299	(Km/h)
	Final speed	154	(Km/h)
	Stopping distance	108	(m)
	Braking time	1.84	(sec)
	Maximum deceleration	4.3	(g)
	Maximum pedal load	118	(Kg)
	Braking power	1566	(Kw)

14	Initial speed	320	(Km/h)
	Final speed	170	(Km/h)
	Stopping distance	124	(m)
	Braking time	2.03	(sec)
	Maximum deceleration	3.6	(g)
	Maximum pedal load	90	(Kg)
	Braking power	1499	(Kw)