

2021 FORMULA 1 BWT GROSSER PREIS VON ÖSTERREICH

brembo 
02-04 JUL 2021

BRAKE CIRCUIT IDENTITY CARD

BRAKES EFFORT

 **MEDIUM**

TIME SPENT BRAKING

 **16%**

CIRCUIT LENGTH

 **4,318 M**

NUMBER OF LAPS

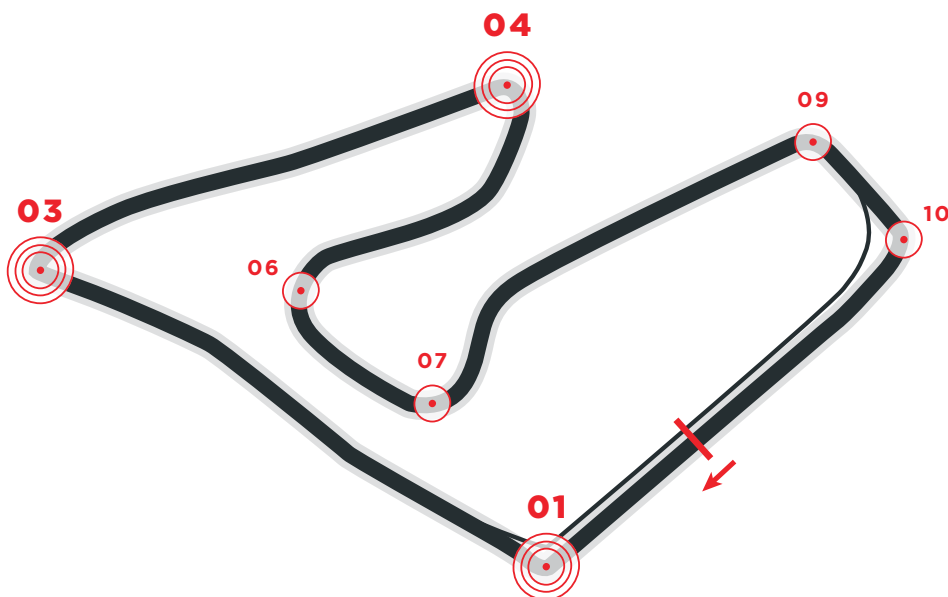
 **71**

NUMBER OF BRAKE ZONES/LAP

 **07**

IMPORTANT

TURN 03*, **TURN 04*** and **TURN 01*** are considered the most demanding for the braking system.



The Spielberg circuit is a very hilly track, characterized by sharp bends with 7 significant deceleration braking sections. The circuit is also quite short with little space for the system to cool between one braking section and another.

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

TURN 01	Initial speed	343	(Km/h)
	Final speed	160	(Km/h)
	Stopping distance	104	(m)
	Braking time	1.61	(sec)
	Maximum deceleration	5.3	(g)
	Maximum pedal load	106	(Kg)
	Braking power	2565	(Kw)

TURN 03	Initial speed	331	(Km/h)
	Final speed	84	(Km/h)
	Stopping distance	130	(m)
	Braking time	2.67	(sec)
	Maximum deceleration	5.3	(g)
	Maximum pedal load	176	(Kg)
	Braking power	3064	(Kw)

TURN 04	Initial speed	342	(Km/h)
	Final speed	122	(Km/h)
	Stopping distance	141	(m)
	Braking time	2.57	(sec)
	Maximum deceleration	5.2	(g)
	Maximum pedal load	173	(Kg)
	Braking power	2909	(Kw)

TURN 06	Initial speed	301	(Km/h)
	Final speed	232	(Km/h)
	Stopping distance	63	(m)
	Braking time	0.85	(sec)
	Maximum deceleration	2.7	(g)
	Maximum pedal load	28	(Kg)
	Braking power	540	(Kw)

TURN 07	Initial speed	272	(Km/h)
	Final speed	240	(Km/h)
	Stopping distance	33	(m)
	Braking time	0.46	(sec)
	Maximum deceleration	1.6	(g)
	Maximum pedal load	9	(Kg)
	Braking power	113	(Kw)

TURN 09	Initial speed	327	(Km/h)
	Final speed	258	(Km/h)
	Stopping distance	71	(m)
	Braking time	0.89	(sec)
	Maximum deceleration	2.1	(g)
	Maximum pedal load	23	(Kg)
	Braking power	460	(Kw)

TURN 10	Initial speed	281	(Km/h)
	Final speed	202	(Km/h)
	Stopping distance	65	(m)
	Braking time	0.98	(sec)
	Maximum deceleration	2.8	(g)
	Maximum pedal load	34	(Kg)
	Braking power	738	(Kw)