

F1 | CARTA D'IDENTITÀ DEI CIRCUITI

FORMULA 1 GROSSER PREIS VON ÖSTERREICH 2015

19-21 JUN 2015

RED BULL RING (SPIELBERG)

TYPE OF CIRCUIT	 HARD
TIME SPENT BRAKING	 17%
AVERAGE DECELERATION	 4.4 g
BRAKING ENERGY PRODUCED BY A CAR DURING THE GP	 143 kWh
TOTAL PEDAL LOAD DURING THE GP	 67,237 Kg

HARDER BRAKING

	STOPPING DISTANCE	MAXIMUM PEDAL LOAD
O2	 148 m	 154 Kg
O1	 117 m	 154 Kg
O3	 132 m	 152 Kg

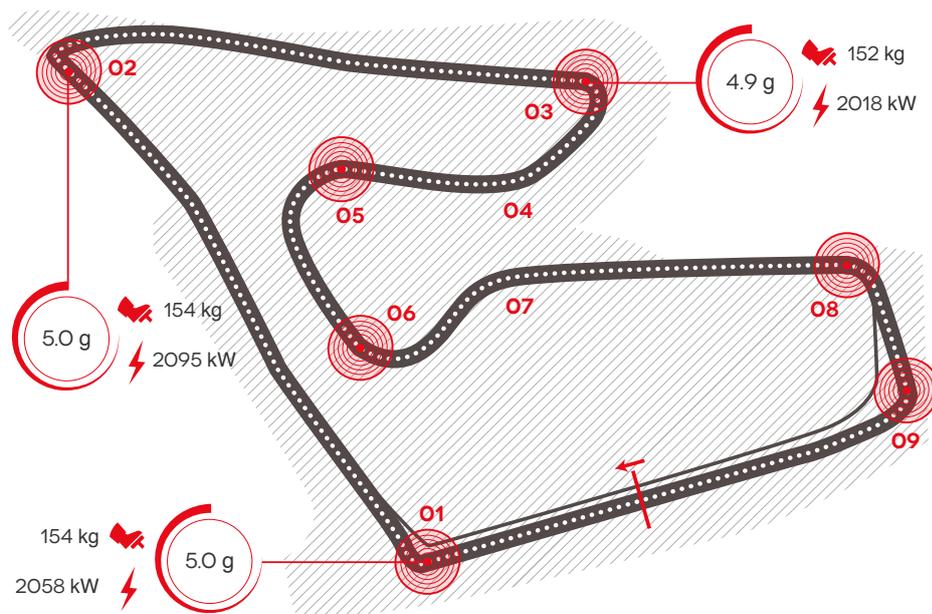
CIRCUIT DATA

Length: 4,326 m
Number of laps: 71
Number of brake zones/lap: 7

COMMENT

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. Being a circuit that has been reinstated in the championship after several years, all teams will have to pay close attention to the temperature of brake discs and calipers.

*** Turn O2 is considered the most demanding for the braking system.**



O1

Initial speed	309	(Km/h)
Final speed	112	(Km/h)
Stopping distance	117	(m)
Braking time	1.28	(sec)
Maximum deceleration	5.0	(g)
Maximum pedal load	154	(Kg)
Braking power	2058	(Kw)

O3

Initial speed	306	(Km/h)
Final speed	90	(Km/h)
Stopping distance	132	(m)
Braking time	1.47	(sec)
Maximum deceleration	4.9	(g)
Maximum pedal load	152	(Kg)
Braking power	2018	(Kw)

O6

Initial speed	250	(Km/h)
Final speed	159	(Km/h)
Stopping distance	64	(m)
Braking time	0.88	(sec)
Maximum deceleration	3.6	(g)
Maximum pedal load	108	(Kg)
Braking power	1166	(Kw)

O9

Initial speed	238	(Km/h)
Final speed	137	(Km/h)
Stopping distance	74	(m)
Braking time	0.98	(sec)
Maximum deceleration	3.3	(g)
Maximum pedal load	103	(Kg)
Braking power	1019	(Kw)

O2*

Initial speed	311	(Km/h)
Final speed	66	(Km/h)
Stopping distance	148	(m)
Braking time	1.74	(sec)
Maximum deceleration	5.0	(g)
Maximum pedal load	154	(Kg)
Braking power	2095	(Kw)

O5

Initial speed	275	(Km/h)
Final speed	154	(Km/h)
Stopping distance	78	(m)
Braking time	0.97	(sec)
Maximum deceleration	4.1	(g)
Maximum pedal load	127	(Kg)
Braking power	1517	(Kw)

O8

Initial speed	306	(Km/h)
Final speed	176	(Km/h)
Stopping distance	76	(m)
Braking time	0.92	(sec)
Maximum deceleration	4.9	(g)
Maximum pedal load	150	(Kg)
Braking power	2012	(Kw)