

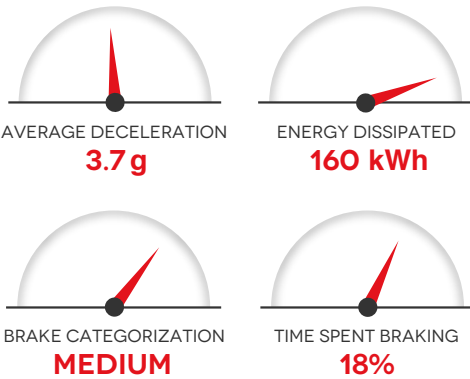


# F1 | BRAKE CIRCUIT IDENTITY CARDS

FORMULA 1  
MAGYAR NAGYDÍJ 2016

**22-24 JUL 2016**

## HUNGARORING (BUDAPEST)



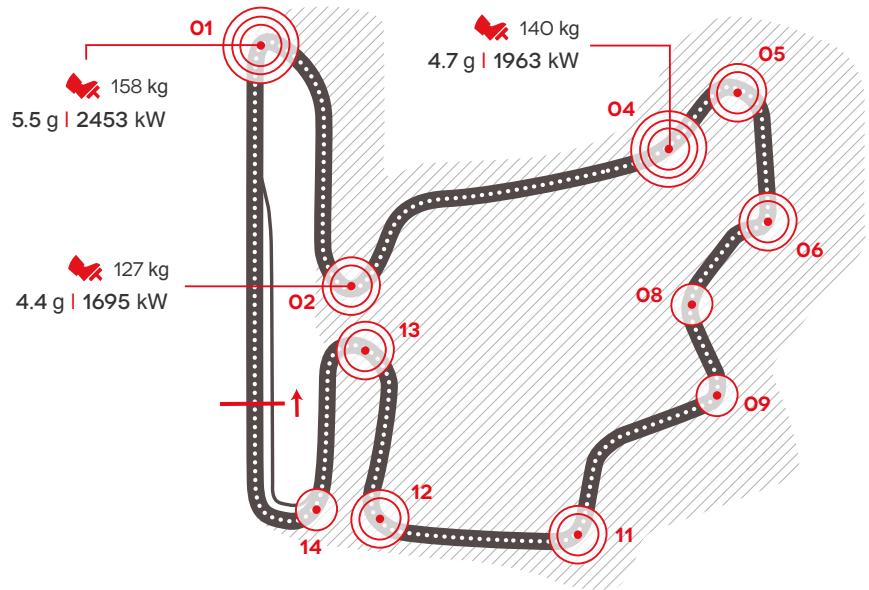
### CIRCUIT DATA

**Length: 4,381 m**  
**Number of laps: 70**  
**Number of brake zones/lap: 11**

### COMMENT

A winding circuit, it is characterised by the high aerodynamic load and most of it is quite driven, but with a rather demanding braking section right after the main straight stretch. This track can be numbered among the most demanding for braking systems, even if friction material temperature management on this track is in any case the key to managing the race and ensuring consistent performance and wear kept under control.

**\* Turn 01 is considered the most demanding for the braking system.**



#### 01\*

Initial speed	340	(Km/h)
Final speed	86	(Km/h)
Stopping distance	144	(m)
Braking time	1.56	(sec)
Maximum deceleration	5.5	(g)
Maximum pedal load	158	(Kg)
Braking power	2453	(Kw)

#### 04

Initial speed	311	(Km/h)
Final speed	189	(Km/h)
Stopping distance	131	(m)
Braking time	0.86	(sec)
Maximum deceleration	4.7	(g)
Maximum pedal load	140	(Kg)
Braking power	1963	(Kw)

#### 06

Initial speed	259	(Km/h)
Final speed	95	(Km/h)
Stopping distance	107	(m)
Braking time	1.33	(sec)
Maximum deceleration	3.6	(g)
Maximum pedal load	102	(Kg)
Braking power	1205	(Kw)

#### 09

Initial speed	187	(Km/h)
Final speed	135	(Km/h)
Stopping distance	24	(m)
Braking time	0.79	(sec)
Maximum deceleration	2.3	(g)
Maximum pedal load	66	(Kg)
Braking power	474	(Kw)

#### 12

Initial speed	293	(Km/h)
Final speed	105	(Km/h)
Stopping distance	117	(m)
Braking time	1.35	(sec)
Maximum deceleration	4.3	(g)
Maximum pedal load	129	(Kg)
Braking power	1692	(Kw)

#### 14

Initial speed	221	(Km/h)
Final speed	138	(Km/h)
Stopping distance	62	(m)
Braking time	0.90	(sec)
Maximum deceleration	2.9	(g)
Maximum pedal load	83	(Kg)
Braking power	778	(Kw)

#### 02

Initial speed	294	(Km/h)
Final speed	107	(Km/h)
Stopping distance	112	(m)
Braking time	1.28	(sec)
Maximum deceleration	4.4	(g)
Maximum pedal load	127	(Kg)
Braking power	1695	(Kw)

#### 05

Initial speed	258	(Km/h)
Final speed	137	(Km/h)
Stopping distance	79	(m)
Braking time	1.01	(sec)
Maximum deceleration	3.6	(g)
Maximum pedal load	104	(Kg)
Braking power	1195	(Kw)

#### 08

Initial speed	216	(Km/h)
Final speed	138	(Km/h)
Stopping distance	60	(m)
Braking time	0.88	(sec)
Maximum deceleration	2.8	(g)
Maximum pedal load	82	(Kg)
Braking power	745	(Kw)

#### 11

Initial speed	272	(Km/h)
Final speed	187	(Km/h)
Stopping distance	26	(m)
Braking time	0.78	(sec)
Maximum deceleration	3.9	(g)
Maximum pedal load	113	(Kg)
Braking power	1390	(Kw)

#### 13

Initial speed	228	(Km/h)
Final speed	99	(Km/h)
Stopping distance	76	(m)
Braking time	1.03	(sec)
Maximum deceleration	3.0	(g)
Maximum pedal load	87	(Kg)
Braking power	847	(Kw)