



**CIRCUIT DATA**

**Length: 4,574 m**  
**Number of laps: 67**  
**Type of circuit: Medium**  
**Number of brakings: 7**  
**Time spent under braking per lap: 13%**

**HOCKENHEIMRING (HOCKENHEIM)**

This is a medium difficulty track for the single-seater cars' braking system characterised by medium difficulty braking zones. The most critical aspect for the braking system is associated to the correct sizing of the air intakes which ensure optimum operating temperature for the brakes.

**\* Turn 06 is considered the most demanding for the braking system.**

**01**

Initial speed	288	(Km/h)
Final speed	219	(Km/h)
Stopping distance	21	(m)
Braking time	0.28	(sec)
Maximum deceleration	4.67	(g)
Maximum pedal load	113	(Kg)
Braking power	1697	(Kw)

**02**

Initial speed	293	(Km/h)
Final speed	104	(Km/h)
Stopping distance	91	(m)
Braking time	1.70	(sec)
Maximum deceleration	4.79	(g)
Maximum pedal load	119	(Kg)
Braking power	1771	(Kw)

**06\***

Initial speed	318	(Km/h)
Final speed	55	(Km/h)
Stopping distance	125	(m)
Braking time	2.65	(sec)
Maximum deceleration	5.42	(g)
Maximum pedal load	130	(Kg)
Braking power	2125	(Kw)

**08**

Initial speed	288	(Km/h)
Final speed	100	(Km/h)
Stopping distance	91	(m)
Braking time	1.72	(sec)
Maximum deceleration	4.68	(g)
Maximum pedal load	115	(Kg)
Braking power	1701	(Kw)

**12**

Initial speed	281	(Km/h)
Final speed	238	(Km/h)
Stopping distance	22	(m)
Braking time	0.30	(sec)
Maximum deceleration	4.52	(g)
Maximum pedal load	111	(Kg)
Braking power	1611	(Kw)

**13**

Initial speed	264	(Km/h)
Final speed	119	(Km/h)
Stopping distance	63	(m)
Braking time	1.15	(sec)
Maximum deceleration	4.16	(g)
Maximum pedal load	103	(Kg)
Braking power	1385	(Kw)

**16**

Initial speed	241	(Km/h)
Final speed	163	(Km/h)
Stopping distance	42	(m)
Braking time	0.75	(sec)
Maximum deceleration	3.66	(g)
Maximum pedal load	88	(Kg)
Braking power	1104	(Kw)