



**CIRCUIT DATA**

**Length: 5,548 m**  
**Number of laps: 20**  
**Type of circuit: Hard**  
**Number of brakings: 6**  
**Time spent under braking per lap: 26%**

**SEPANG CIRCUIT (SEPANG)**

The Sepang racetrack, is one of the longest tracks of the MotoGP and is one of the hardest on motorcycles braking systems.

Several hard cut outs among which the first and last braking are particularly demanding and characterized by sharp decelerations with G-Force greater than -1.6 g and over 200 km/h difference between initial and final speed.

The numerous cut outs, the high % of time spend braking and the tropical climate make managing temperatures rather critical both for the brakes and for the drivers.

**01**

Initial speed	328	(Km/h)
Final speed	86	(Km/h)
Stopping distance	288	(m)
Braking time	6.4	(sec)
Maximum deceleration	1.6	(g)
Max force on lever	6.5	(Kg)

**07**

Initial speed	241	(Km/h)
Final speed	142	(Km/h)
Stopping distance	175	(m)
Braking time	3.4	(sec)
Maximum deceleration	1.5	(g)
Max force on lever	5.4	(Kg)

**14**

Initial speed	234	(Km/h)
Final speed	167	(Km/h)
Stopping distance	136	(m)
Braking time	2.4	(sec)
Maximum deceleration	1.3	(g)
Max force on lever	3.5	(Kg)

**04**

Initial speed	281	(Km/h)
Final speed	105	(Km/h)
Stopping distance	229	(m)
Braking time	4.9	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	5.5	(Kg)

**09**

Initial speed	255	(Km/h)
Final speed	80	(Km/h)
Stopping distance	213	(m)
Braking time	5.1	(sec)
Maximum deceleration	1.4	(g)
Max force on lever	6.0	(Kg)

**15**

Initial speed	308	(Km/h)
Final speed	86	(Km/h)
Stopping distance	291	(m)
Braking time	6.4	(sec)
Maximum deceleration	1.6	(g)
Max force on lever	6.6	(Kg)