

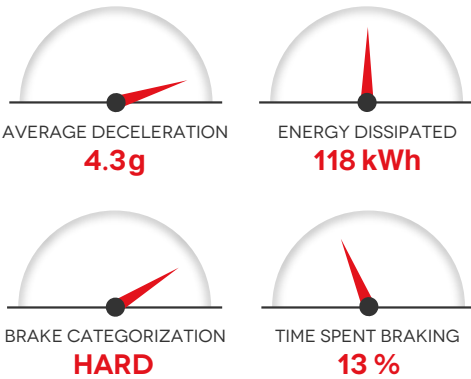


F1 | BRAKE CIRCUIT IDENTITY CARDS

FORMULA 1 GRAN PREMIO
HEINEKEN D'ITALIA 2016

02-04 SEP 2016

AUTODROMO DI MONZA (MONZA)



CIRCUIT DATA

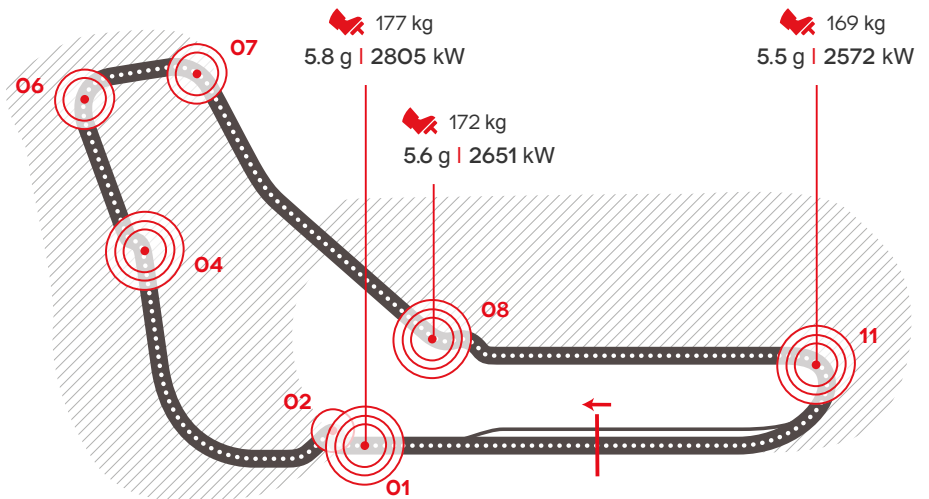
Length: 5,793 m
Number of laps: 53
Number of brake zones/lap: 7

COMMENT

Known by fans as the "temple of speed", the Monza track is extremely demanding and puts the single-seater braking systems to a hard test.

The presence of long straight lines and the lack of aerodynamic load, which reduces the possibility of efficiently unloading braking torque to the ground, make the braking sections extremely violent and demanding to manage.

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



01*

Initial speed	362	(Km/h)
Final speed	82	(Km/h)
Stopping distance	159	(m)
Braking time	1.65	(sec)
Maximum deceleration	5.8	(g)
Maximum pedal load	177	(Kg)
Braking power	2805	(Kw)

04

Initial speed	343	(Km/h)
Final speed	100	(Km/h)
Stopping distance	133	(m)
Braking time	1.37	(sec)
Maximum deceleration	5.3	(g)
Maximum pedal load	163	(Kg)
Braking power	2432	(Kw)

07

Initial speed	273	(Km/h)
Final speed	144	(Km/h)
Stopping distance	84	(m)
Braking time	1.03	(sec)
Maximum deceleration	3.6	(g)
Maximum pedal load	115	(Kg)
Braking power	1315	(Kw)

11

Initial speed	351	(Km/h)
Final speed	166	(Km/h)
Stopping distance	102	(m)
Braking time	1.07	(sec)
Maximum deceleration	5.5	(g)
Maximum pedal load	169	(Kg)
Braking power	2572	(Kw)

02

Initial speed	79	(Km/h)
Final speed	74	(Km/h)
Stopping distance	18	(m)
Braking time	0.70	(sec)
Maximum deceleration	1.0	(g)
Maximum pedal load	24	(Kg)
Braking power	76	(Kw)

06

Initial speed	273	(Km/h)
Final speed	160	(Km/h)
Stopping distance	73	(m)
Braking time	0.93	(sec)
Maximum deceleration	3.6	(g)
Maximum pedal load	115	(Kg)
Braking power	1318	(Kw)

08

Initial speed	355	(Km/h)
Final speed	154	(Km/h)
Stopping distance	112	(m)
Braking time	1.14	(sec)
Maximum deceleration	5.6	(g)
Maximum pedal load	172	(Kg)
Braking power	2651	(Kw)