2020 FORMULA 1 ARAMCO MAGYAR NAGYDÍJ

brembo

17-19 JUL 2020

BRAKE CIRCUIT IDENTITY CARDS

BRAKES EFFORT
MEDIUM

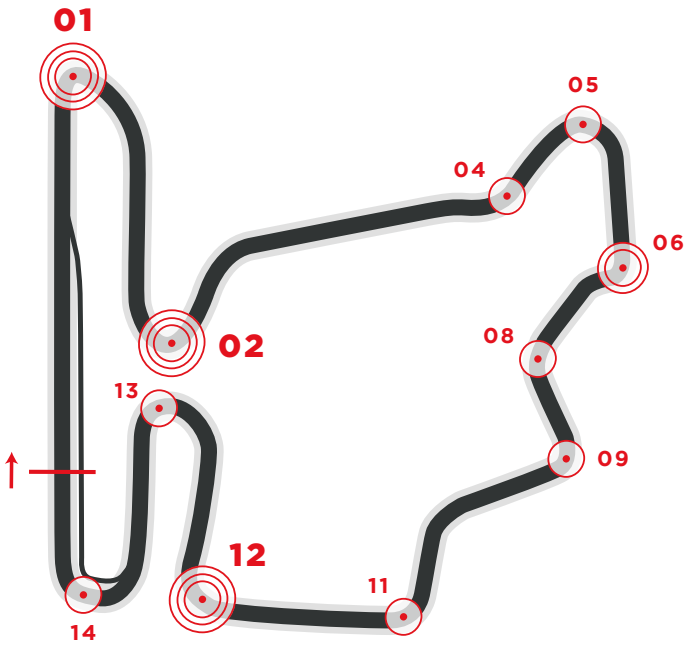
TIME SPENT BRAKING
23%

CIRCUIT LENGTH
4,381 M

NUMBER OF LAPS
70

NUMBER OF BRAKE ZONES/LAP
11

IMPORTANT
TURN 01*, **TURN 12*** and **TURN 02*** are considered the most demanding for the braking system.



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.

Should you publish any of the data contained here please quote Brembo as source used.

TURN 01			
Initial speed	346	(Km/h)	
Final speed	109	(Km/h)	
Stopping distance	137	(m)	
Braking time	2.58	(sec)	
Maximum deceleration	5.5	(g)	
Maximum pedal load	182	(Kg)	
Braking power	3183	(Kw)	

TURN 02			
Initial speed	309	(Km/h)	
Final speed	132	(Km/h)	
Stopping distance	133	(m)	
Braking time	2.48	(sec)	
Maximum deceleration	4.7	(g)	
Maximum pedal load	145	(Kg)	
Braking power	1886	(Kw)	

TURN 04			
Initial speed	304	(Km/h)	
Final speed	236	(Km/h)	
Stopping distance	67	(m)	
Braking time	0.90	(sec)	
Maximum deceleration	2.8	(g)	
Maximum pedal load	33	(Kg)	
Braking power	618	(Kw)	

TURN 05			
Initial speed	272	(Km/h)	
Final speed	165	(Km/h)	
Stopping distance	84	(m)	
Braking time	1.43	(sec)	
Maximum deceleration	3.3	(g)	
Maximum pedal load	59	(Kg)	
Braking power	988	(Kw)	

TURN 06			
Initial speed	261	(Km/h)	
Final speed	112	(Km/h)	
Stopping distance	88	(m)	
Braking time	1.83	(sec)	
Maximum deceleration	3.5	(g)	
Maximum pedal load	82	(Kg)	
Braking power	1626	(Kw)	

TURN 08			
Initial speed	228	(Km/h)	
Final speed	184	(Km/h)	
Stopping distance	46	(m)	
Braking time	0.81	(sec)	
Maximum deceleration	1.6	(g)	
Maximum pedal load	17	(Kg)	
Braking power	186	(Kw)	

TURN 09			
Initial speed	199	(Km/h)	
Final speed	164	(Km/h)	
Stopping distance	47	(m)	
Braking time	0.92	(sec)	
Maximum deceleration	1.5	(g)	
Maximum pedal load	19	(Kg)	
Braking power	193	(Kw)	

TURN 11			
Initial speed	274	(Km/h)	
Final speed	229	(Km/h)	
Stopping distance	55	(m)	
Braking time	0.78	(sec)	
Maximum deceleration	1.5	(g)	
Maximum pedal load	16	(Kg)	
Braking power	205	(Kw)	

TURN 12			
Initial speed	297	(Km/h)	
Final speed	124	(Km/h)	
Stopping distance	104	(m)	
Braking time	1.98	(sec)	
Maximum deceleration	4.6	(g)	
Maximum pedal load	115	(Kg)	
Braking power	2102	(Kw)	

TURN 13			
Initial speed	236	(Km/h)	
Final speed	107	(Km/h)	
Stopping distance	98	(m)	
Braking time	2.24	(sec)	
Maximum deceleration	3.0	(g)	
Maximum pedal load	90	(Kg)	
Braking power	920	(Kw)	

TURN 14			
Initial speed	229	(Km/h)	
Final speed	147	(Km/h)	
Stopping distance	91	(m)	
Braking time	1.80	(sec)	
Maximum deceleration	2.0	(g)	
Maximum pedal load	45	(Kg)	
Braking power	501	(Kw)	