2020 MOTOGP GRAN PREMIO DI SAN MARINO E DELLA RIVIERA DI RIMINI

brembo

11-13 SEP 2020

BRAKE CIRCUIT IDENTITY CARDS

BRAKES EFFORT
MEDIUM

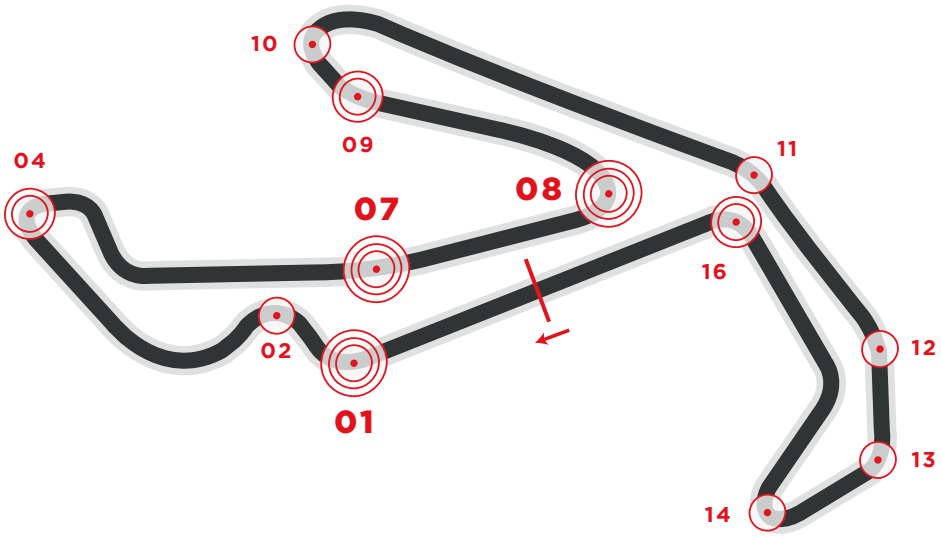
TIME SPENT BRAKING
34%

CIRCUIT LENGTH
4,226 M

NUMBER OF LAPS
27

NUMBER OF BRAKE ZONES/LAP
12

IMPORTANT
TURN 08*, **TURN 01*** and **TURN 07*** are considered the most demanding for the braking system.



The Misano Adriatico Circuit is characterized by the presence of braking all demanding on average on the brakes and all with deceleration of between 0.8 and 1.5 g. What emerges is a track of average difficulty both in terms of the intensity of the cut outs and as regards the control of the temperature.

TURN 01			
Initial speed	272	(Km/h)	
Final speed	116	(Km/h)	
Stopping distance	201	(m)	
Braking time	4	(sec)	
Maximum deceleration	1.5	(g)	
Max force on lever	5.3	(Kg)	

TURN 02			
Initial speed	121	(Km/h)	
Final speed	86	(Km/h)	
Stopping distance	47	(m)	
Braking time	1.6	(sec)	
Maximum deceleration	0.8	(g)	
Max force on lever	2.6	(Kg)	

TURN 04			
Initial speed	200	(Km/h)	
Final speed	72	(Km/h)	
Stopping distance	139	(m)	
Braking time	3.9	(sec)	
Maximum deceleration	1.1	(g)	
Max force on lever	4.6	(Kg)	

TURN 07			
Initial speed	290	(Km/h)	
Final speed	270	(Km/h)	
Stopping distance	28	(m)	
Braking time	0.3	(sec)	
Maximum deceleration	1.5	(g)	
Max force on lever	4.9	(Kg)	

TURN 08			
Initial speed	268	(Km/h)	
Final speed	79	(Km/h)	
Stopping distance	209	(m)	
Braking time	4.7	(sec)	
Maximum deceleration	1.5	(g)	
Max force on lever	5.9	(Kg)	

TURN 09			
Initial speed	235	(Km/h)	
Final speed	142	(Km/h)	
Stopping distance	115	(m)	
Braking time	2.2	(sec)	
Maximum deceleration	1.1	(g)	
Max force on lever	4.1	(Kg)	

TURN 10			
Initial speed	139	(Km/h)	
Final speed	73	(Km/h)	
Stopping distance	74	(m)	
Braking time	2.6	(sec)	
Maximum deceleration	1	(g)	
Max force on lever	3.1	(Kg)	

TURN 11			
Initial speed	291	(Km/h)	
Final speed	241	(Km/h)	
Stopping distance	39	(m)	
Braking time	1.9	(sec)	
Maximum deceleration	1.1	(g)	
Max force on lever	2.4	(Kg)	

TURN 12			
Initial speed	261	(Km/h)	
Final speed	179	(Km/h)	
Stopping distance	133	(m)	
Braking time	2.2	(sec)	
Maximum deceleration	1.1	(g)	
Max force on lever	2.6	(Kg)	

TURN 13			
Initial speed	175	(Km/h)	
Final speed	139	(Km/h)	
Stopping distance	163	(m)	
Braking time	2	(sec)	
Maximum deceleration	0.9	(g)	
Max force on lever	2.7	(Kg)	

TURN 14			
Initial speed	146	(Km/h)	
Final speed	63	(Km/h)	
Stopping distance	84	(m)	
Braking time	3	(sec)	
Maximum deceleration	0.9	(g)	
Max force on lever	3.5	(Kg)	

TURN 16			
Initial speed	192	(Km/h)	
Final speed	108	(Km/h)	
Stopping distance	112	(m)	
Braking time	2.7	(sec)	
Maximum deceleration	1	(g)	
Max force on lever	3.9	(Kg)	