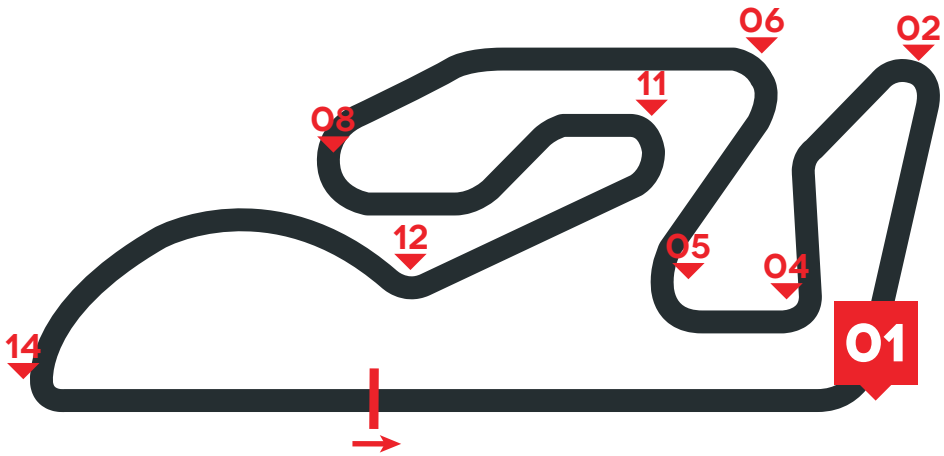
MOTOGP 2019 GRAN PREMIO MOTUL DE LA COMUNITAT VALENCIANA

BRAKES EFFORT **MEDIUM**

TIME SPENT BRAKING **31%**

BRAKE CIRCUIT IDENTITY CARDS
15–17 NOV 2019



brembo DATA

This is a track that is run anticlockwise, characterized by tight curves and short straight stretches where many low gears are used.
It is an average demanding track for the braking system where the greatest hidden dangers are caused precisely by the difficulty of cooling the brakes because of the short straight stretches.

CIRCUIT DATA

Length: 4,005 m - Number of laps: 27
Number of brake zones/lap: 09

IMPORTANT

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

01*		
Initial speed	323	(Km/h)
Final speed	136	(Km/h)
Stopping distance	243	(m)
Braking time	4.0	(sec)
Maximum deceleration	1.5	(g)
Max force on lever max	4.9	(Kg)

02		
Initial speed	223	(Km/h)
Final speed	74	(Km/h)
Stopping distance	157	(m)
Braking time	4.0	(sec)
Maximum deceleration	1.3	(g)
Max force on lever max	4.9	(Kg)

04		
Initial speed	164	(Km/h)
Final speed	105	(Km/h)
Stopping distance	79	(m)
Braking time	2.0	(sec)
Maximum deceleration	0.9	(g)
Max force on lever max	4.0	(Kg)

05		
Initial speed	147	(Km/h)
Final speed	108	(Km/h)
Stopping distance	56	(m)
Braking time	1.7	(sec)
Maximum deceleration	0.7	(g)
Max force on lever max	2.2	(Kg)

06		
Initial speed	189	(Km/h)
Final speed	97	(Km/h)
Stopping distance	103	(m)
Braking time	2.6	(sec)
Maximum deceleration	1.2	(g)
Max force on lever max	4.6	(Kg)

08		
Initial speed	240	(Km/h)
Final speed	84	(Km/h)
Stopping distance	179	(m)
Braking time	4.3	(sec)
Maximum deceleration	1.3	(g)
Max force on lever max	4.5	(Kg)

11		
Initial speed	179	(Km/h)
Final speed	85	(Km/h)
Stopping distance	114	(m)
Braking time	3.1	(sec)
Maximum deceleration	0.9	(g)
Max force on lever max	2.6	(Kg)

12		
Initial speed	219	(Km/h)
Final speed	124	(Km/h)
Stopping distance	109	(m)
Braking time	2.3	(sec)
Maximum deceleration	1.4	(g)
Max force on lever max	5.8	(Kg)

14		
Initial speed	196	(Km/h)
Final speed	84	(Km/h)
Stopping distance	133	(m)
Braking time	3.4	(sec)
Maximum deceleration	1.2	(g)
Max force on lever max	4.5	(Kg)