2020 WSBK
PIRELLI SPANISH ROUND

brembo

21 JUL-02 AUG 2020

BRAKE CIRCUIT IDENTITY CARDS

BRAKES EFFORT
HARD

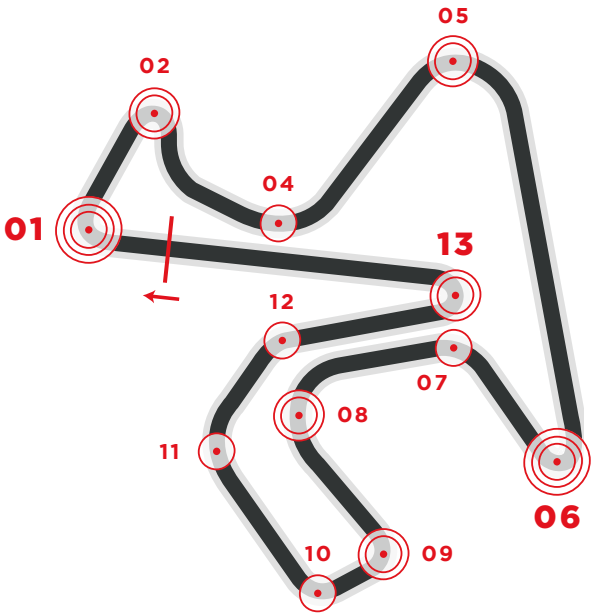
TIME SPENT BRAKING
34%

CIRCUIT LENGTH
4,423 M

NUMBER OF LAPS
19

NUMBER OF BRAKE ZONES/LAP
12

IMPORTANT
TURN 01*, **TURN 06*** and **TURN 13*** are considered the most demanding for the braking system.



The track is one the WSBK riders' favourites with points which favour overtaking. The layout of the track require a well-balanced, easy to handle motorcycle, which is stable when braked to be able to attack in the faster curves.
The track is characterized by two very demanding cut outs (the 1 and 6) characterized be deceleration greater than -1.5 and 1.4 g.

TURN 01			
Initial speed	274	(Km/h)	
Final speed	86	(Km/h)	
Stopping distance	201	(m)	
Braking time	4.2	(sec)	
Maximum deceleration	1.5	(g)	
Max force on lever	5.8	(Kg)	

TURN 02			
Initial speed	169	(Km/h)	
Final speed	65	(Km/h)	
Stopping distance	104	(m)	
Braking time	3.3	(sec)	
Maximum deceleration	1.1	(g)	
Max force on lever	5.5	(Kg)	

TURN 04			
Initial speed	193	(Km/h)	
Final speed	161	(Km/h)	
Stopping distance	81	(m)	
Braking time	1.6	(sec)	
Maximum deceleration	0.8	(g)	
Max force on lever	2.0	(Kg)	

TURN 05			
Initial speed	231	(Km/h)	
Final speed	112	(Km/h)	
Stopping distance	162	(m)	
Braking time	3.5	(sec)	
Maximum deceleration	1.2	(g)	
Max force on lever	3.5	(Kg)	

TURN 06			
Initial speed	271	(Km/h)	
Final speed	62	(Km/h)	
Stopping distance	216	(m)	
Braking time	4.8	(sec)	
Maximum deceleration	1.4	(g)	
Max force on lever	5.2	(Kg)	

TURN 07			
Initial speed	183	(Km/h)	
Final speed	160	(Km/h)	
Stopping distance	71	(m)	
Braking time	1.5	(sec)	
Maximum deceleration	0.6	(g)	
Max force on lever	1.6	(Kg)	

TURN 08			
Initial speed	211	(Km/h)	
Final speed	124	(Km/h)	
Stopping distance	122	(m)	
Braking time	2.7	(sec)	
Maximum deceleration	1.2	(g)	
Max force on lever	4.6	(Kg)	

TURN 09			
Initial speed	198	(Km/h)	
Final speed	95	(Km/h)	
Stopping distance	120	(m)	
Braking time	3	(sec)	
Maximum deceleration	1.2	(g)	
Max force on lever	4.9	(Kg)	

TURN 10			
Initial speed	132	(Km/h)	
Final speed	108	(Km/h)	
Stopping distance	45	(m)	
Braking time	1.4	(sec)	
Maximum deceleration	0.7	(g)	
Max force on lever	2.8	(Kg)	

TURN 11			
Initial speed	209	(Km/h)	
Final speed	158	(Km/h)	
Stopping distance	99	(m)	
Braking time	1.9	(sec)	
Maximum deceleration	1	(g)	
Max force on lever	2.8	(Kg)	

TURN 12			
Initial speed	188	(Km/h)	
Final speed	164	(Km/h)	
Stopping distance	56	(m)	
Braking time	1.2	(sec)	
Maximum deceleration	0.7	(g)	
Max force on lever	2.6	(Kg)	

TURN 13			
Initial speed	219	(Km/h)	
Final speed	64	(Km/h)	
Stopping distance	162	(m)	
Braking time	4.1	(sec)	
Maximum deceleration	1.2	(g)	
Max force on lever	5.4	(Kg)	