

BRAKE CIRCUIT IDENTITY CARDS

BRAKES EFFORT

 **VERY HARD**

TIME SPENT BRAKING

 **27%**

CIRCUIT LENGTH

 **4,627 M**

NUMBER OF LAPS

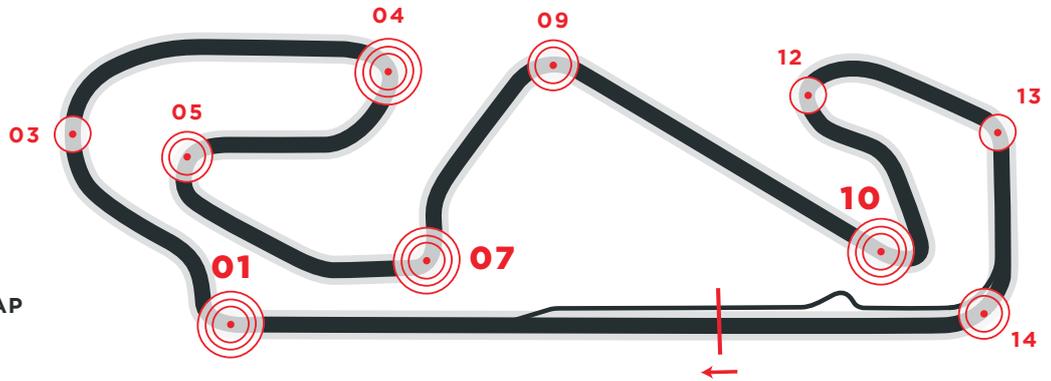
 **20**

NUMBER OF BRAKE ZONES/LAP

 **10**

IMPORTANT

TURN 01*, **TURN 10*** and **TURN 07*** are considered the most demanding for the braking system.



It is considered a very technical track with abrupt braking which stress the brakes considerably. The first brake after the finishing line at the end of a very long straight stretch where the motorcycles are involved in one of the most difficult cut off of the World Championship, must be pointed out in particular. The major criticalities for the braking system derive precisely because of the difficulty in cooling the brakes. The cut outs, all decisive and very close together, determine very high operating temperatures for the discs and brake pads which cannot cool sufficiently in the mixed part of the track.

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

TURN 01	Initial speed	310	(Km/h)
	Final speed	100	(Km/h)
	Stopping distance	236	(m)
	Braking time	4.4	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	6.1	(Kg)

TURN 03	Initial speed	162	(Km/h)
	Final speed	134	(Km/h)
	Stopping distance	57	(m)
	Braking time	1.4	(sec)
	Maximum deceleration	0.6	(g)
	Max force on lever	1.2	(Kg)

TURN 04	Initial speed	236	(Km/h)
	Final speed	98	(Km/h)
	Stopping distance	158	(m)
	Braking time	3.6	(sec)
	Maximum deceleration	1.3	(g)
	Max force on lever	5.6	(Kg)

TURN 05	Initial speed	193	(Km/h)
	Final speed	79	(Km/h)
	Stopping distance	115	(m)
	Braking time	3.1	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	5.6	(Kg)

TURN 07	Initial speed	221	(Km/h)
	Final speed	101	(Km/h)
	Stopping distance	125	(m)
	Braking time	2.9	(sec)
	Maximum deceleration	1.4	(g)
	Max force on lever	5.4	(Kg)

TURN 09	Initial speed	203	(Km/h)
	Final speed	127	(Km/h)
	Stopping distance	110	(m)
	Braking time	2.4	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	4.3	(Kg)

TURN 10	Initial speed	255	(Km/h)
	Final speed	62	(Km/h)
	Stopping distance	189	(m)
	Braking time	4.5	(sec)
	Maximum deceleration	1.4	(g)
	Max force on lever	5.1	(Kg)

TURN 12	Initial speed	138	(Km/h)
	Final speed	96	(Km/h)
	Stopping distance	67	(m)
	Braking time	2	(sec)
	Maximum deceleration	0.9	(g)
	Max force on lever	2.7	(Kg)

TURN 13	Initial speed	179	(Km/h)
	Final speed	138	(Km/h)
	Stopping distance	69	(m)
	Braking time	1.5	(sec)
	Maximum deceleration	0.9	(g)
	Max force on lever	2.3	(Kg)

TURN 14	Initial speed	195	(Km/h)
	Final speed	134	(Km/h)
	Stopping distance	85	(m)
	Braking time	1.8	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	4.2	(Kg)