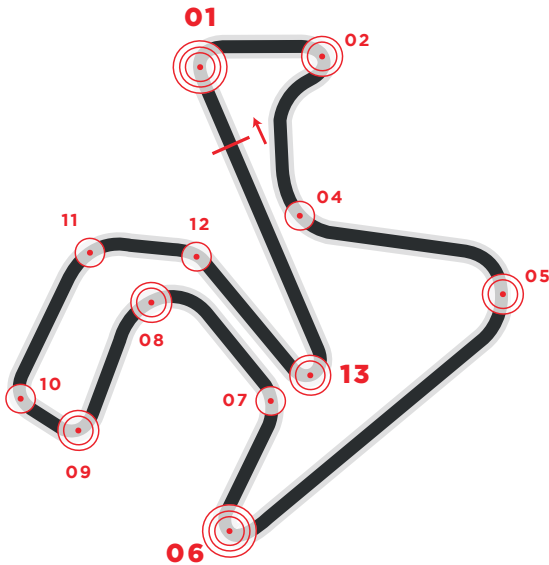




29 APR-01 MAY 2022



BRAKE CIRCUIT IDENTITY CARD

One week after Portugal, MotoGP remains on the Iberian peninsula for the Spanish GP.

The MotoGP riders did their test runs there in mid November when the temperature of the asphalt was between 16°C and 20°C (60.8°F and 68°F), much lower than the temperature they will find in this period. The changes in gradient call for a bike that is easy to handle and well balanced as well as one that guarantees stability when braking.

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

BRAKES EFFORT HARD

TIME SPENT BRAKING 37%

TURN 06*, TURN 01* AND TURN 13* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

CIRCUIT LENGTH **4.423 M**

NUMBER OF LAPS **25**

NUMBER OF BRAKE ZONES/LAP **12**

TURN 01	Initial speed	292	(Km/h)
	Final speed	88	(Km/h)
	Stopping distance	212	(m)
	Braking time	4.6	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	5.9	(Kg)

TURN 02	Initial speed	173	(Km/h)
	Final speed	70	(Km/h)
	Stopping distance	103	(m)
	Braking time	3.3	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	4.4	(Kg)

TURN 04	Initial speed	196	(Km/h)
	Final speed	161	(Km/h)
	Stopping distance	82	(m)
	Braking time	1.8	(sec)
	Maximum deceleration	0.7	(g)
	Max force on lever	1.7	(Kg)

TURN 05	Initial speed	236	(Km/h)
	Final speed	124	(Km/h)
	Stopping distance	163	(m)
	Braking time	3.5	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	3.5	(Kg)

TURN 06	Initial speed	299	(Km/h)
	Final speed	68	(Km/h)
	Stopping distance	238	(m)
	Braking time	5.4	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	5.9	(Kg)

TURN 07	Initial speed	188	(Km/h)
	Final speed	166	(Km/h)
	Stopping distance	63	(m)
	Braking time	1.4	(sec)
	Maximum deceleration	0.7	(g)
	Max force on lever	1.4	(Kg)

TURN 08	Initial speed	216	(Km/h)
	Final speed	126	(Km/h)
	Stopping distance	132	(m)
	Braking time	3	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	3.9	(Kg)

TURN 09	Initial speed	200	(Km/h)
	Final speed	98	(Km/h)
	Stopping distance	123	(m)
	Braking time	3.1	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	4.2	(Kg)

TURN 10	Initial speed	135	(Km/h)
	Final speed	109	(Km/h)
	Stopping distance	48	(m)
	Braking time	1.5	(sec)
	Maximum deceleration	0.7	(g)
	Max force on lever	2.5	(Kg)

TURN 11	Initial speed	215	(Km/h)
	Final speed	158	(Km/h)
	Stopping distance	112	(m)
	Braking time	2.2	(sec)
	Maximum deceleration	1	(g)
	Max force on lever	3.2	(Kg)

TURN 12	Initial speed	188	(Km/h)
	Final speed	170	(Km/h)
	Stopping distance	51	(m)
	Braking time	1.1	(sec)
	Maximum deceleration	0.6	(g)
	Max force on lever	1.8	(Kg)

TURN 13	Initial speed	228	(Km/h)
	Final speed	70	(Km/h)
	Stopping distance	160	(m)
	Braking time	4.4	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	5.1	(Kg)