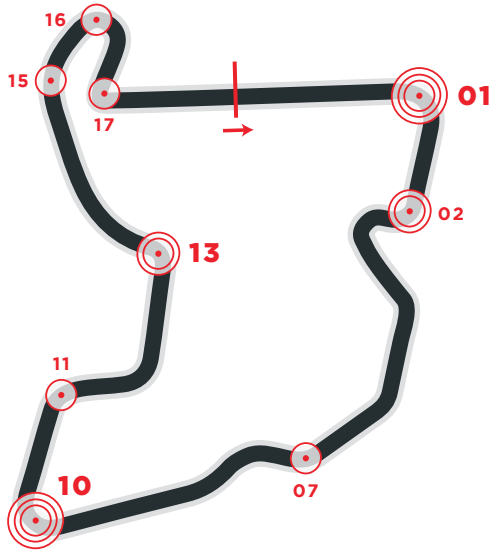




18-20 MAR 2022



BRAKE CIRCUIT IDENTITY CARD

After a 25-year break, the MotoGP World Championship is returning to Indonesia.

From turn 3 to turn 9, the MotoGP riders only use their brakes once and on turn 7, only for less than 2 seconds, a demonstration of the lack of big braking points in this section. The load of the brake lever does not exceed 5 kg (11 lb) in any part of the track and consequently, the total load exerted by each rider from start to finish is below 8.3 quintals (0.9 tons).

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

BRAKES EFFORT MEDIUM

TIME SPENT BRAKING 31%

TURN 01*, TURN 10* AND TURN 13* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

CIRCUIT LENGTH 4.301 M

NUMBER OF LAPS 26

NUMBER OF BRAKE ZONES/LAP 09

TURN 01	Initial speed	304	(Km/h)
	Final speed	103	(Km/h)
	Stopping distance	223	(m)
	Braking time	4.4	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	5	(Kg)

TURN 02	Initial speed	187	(Km/h)
	Final speed	101	(Km/h)
	Stopping distance	107	(m)
	Braking time	2.8	(sec)
	Maximum deceleration	1.1	(g)
	Max force on lever	4.1	(Kg)

TURN 07	Initial speed	222	(Km/h)
	Final speed	180	(Km/h)
	Stopping distance	93	(m)
	Braking time	1.8	(sec)
	Maximum deceleration	0.9	(g)
	Max force on lever	2.3	(Kg)

TURN 10	Initial speed	279	(Km/h)
	Final speed	88	(Km/h)
	Stopping distance	208	(m)
	Braking time	4.6	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	5	(Kg)

TURN 11	Initial speed	196	(Km/h)
	Final speed	133	(Km/h)
	Stopping distance	98	(m)
	Braking time	2.3	(sec)
	Maximum deceleration	1	(g)
	Max force on lever	3	(Kg)

TURN 13	Initial speed	218	(Km/h)
	Final speed	124	(Km/h)
	Stopping distance	130	(m)
	Braking time	2.8	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	4	(Kg)

TURN 15	Initial speed	247	(Km/h)
	Final speed	171	(Km/h)
	Stopping distance	138	(m)
	Braking time	2.6	(sec)
	Maximum deceleration	1	(g)
	Max force on lever	2.2	(Kg)

TURN 16	Initial speed	167	(Km/h)
	Final speed	72	(Km/h)
	Stopping distance	122	(m)
	Braking time	4.1	(sec)
	Maximum deceleration	0.9	(g)
	Max force on lever	3.1	(Kg)

TURN 17	Initial speed	145	(Km/h)
	Final speed	90	(Km/h)
	Stopping distance	76	(m)
	Braking time	2.4	(sec)
	Maximum deceleration	0.9	(g)
	Max force on lever	3.1	(Kg)