

RACECARD

2019 MICHELIN MotoGP™



18
SHELL MALAYSIA
MOTORCYCLE
GRAND PRIX
NOVEMBER 1-3
2019
 SEPANG INTERNATIONAL
 CIRCUIT
MALAYSIA

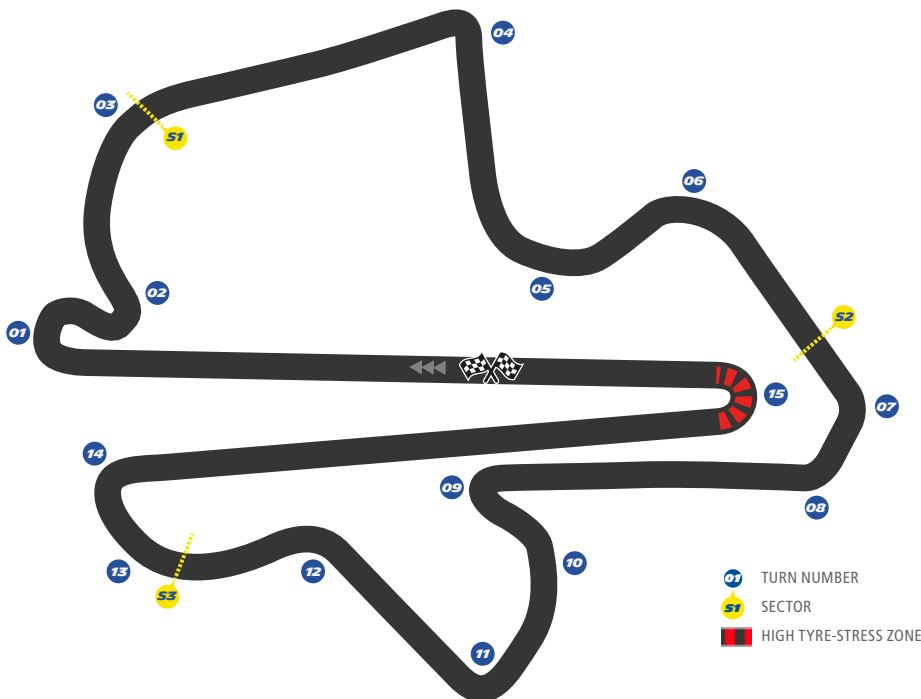


TIMETABLE

FREE PRACTICE FRIDAY, NOVEMBER 1		
09:00 - 09:40	Moto3	FP1
09:55 - 10:35	Moto2	FP1
10:50 - 11:35	MotoGP	FP1
13:15 - 13:55	Moto3	FP2
14:10 - 14:50	Moto2	FP2
15:05 - 15:50	MotoGP	FP2

QUALIFYING PRACTICE SATURDAY, NOVEMBER 2		
09:00 - 09:40	Moto3	FP3
09:55 - 10:35	Moto2	FP3
10:50 - 11:35	MotoGP	FP3
12:35 - 12:50	Moto3	QP1
13:00 - 13:15	Moto3	QP2
13:30 - 13:45	Moto2	QP1
13:55 - 14:10	Moto2	QP2
14:25 - 14:55	MotoGP	FP4
15:05 - 15:20	MotoGP	QP1
15:30 - 15:45	MotoGP	QP2

RACE SUNDAY, NOVEMBER 3		
08:40 - 9:00	Moto3	WUP
9:10 - 9:30	Moto2	WUP
9:40 - 10:00	MotoGP	WUP
12:00	Moto3	RAC
13:20	Moto2	RAC
15:00	MotoGP	RAC



LENGTH	WIDTH	RIGHT CORNERS	LEFT CORNERS	LONGEST STRAIGHT	LAPS	TOTAL DISTANCE
5.543 KM	16 M	10	5	920 M	20	110.9 KM

RECORDS

All Time Lap Record
 Dani Pedrosa (Honda, 2015):
 1m59.053s

Best lap race
 Jorge Lorenzo (Yamaha, 2015):
 2m00.606s

Race duration
 Dani Pedrosa (Honda, 2015):
 40m37.691s

Top Speed
 Andrea Iannone (Ducati, 2015):
 339,6km/h

2018 PODIUM

2 A. Rins (Suzuki)	1 M. Márquez (Honda) 🕒 40m32.372s	3 J. Zarco (Yamaha)
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2018 Pole: M. Márquez (Honda) 🕒 2m12.161s (wet)

MICHELIN'S RECORD

Wins: 10 (1999, 2000, 2001, 2002, 2003, 2004, 2006, 2016, 2017, 2018)

Pole position: 12 (1999, 2000, 2001, 2002, 2003, 2004, 2006, 2007, 2008, 2016, 2017, 2018)

TYRE SEVERITY RATING

Left . Centre . Right

< Mild Severe >



LOCAL TIME - SOURCE: motogp.com - INFORMATION SUBJECT TO CHANGE



2019 TYRE REGULATIONS

Allocation per race

22 SLICKS:

10 front slicks:

- ✓ Up to 5 A-specification tyres
- ✓ Up to 5 B-specification tyres
- ✓ Up to 5 C-specification tyres

12 rear slicks:

- ✓ Up to 6 A-specification tyres*
- ✓ Up to 5 B-specification tyres
- ✓ Up to 4 C-specification tyres

(* Riders who participate in both Q1 and Q2 qualifying sessions (maximum 2 riders) will be allocated one extra front tyre of their preferred specification after Q2 (therefore, if taken, a maximum of 6 of that specification) and one extra rear slick tyre of specification A (highest grip level) after Q2 (therefore, if taken, a maximum of 7 of specification A).

In the case that Q1 and Q2 sessions are both declared wet by the Race Director, the extra tyres allocated will be rain tyres (of the specification the riders prefer for both front tyre and rear tyre). In the case that Q1 and Q2 sessions are declared as different weather conditions (dry or wet) then no extra tyre will be allocated.

13 RAIN TYRES

6 front tyres of 2 specifications

7 rear tyres of 2 specifications

In the case that any 4 of the 5 sessions, being FP1, 2, 3, 4, and one Qualifying session (excluding warm-up), are declared wet, one more set of rain tyres will be allocated to every rider, and the allocation automatically becomes:
7 Front rain tyres, and 8 Rear rain tyres.



PIERO TARAMASSO

Michelin Motorsport Two-Wheel Manager:

"The end of this long and exhausting tour of Asia and Oceania is drawing to a close, but that does not mean we are ready to relax, because the Malaysian GP is a very important race and also one that requires the utmost respect. Over the last three events we have had a huge mix of weather, from torrential rain to high temperatures and we now expect to roll that all in to one weekend here in Malaysia, but without the chill we had in

Australia! We have probably more data from Sepang than any other circuit, but it still is a track that demands total respect. It's very technical, has an abrasive surface and usually the asphalt can be very hot. This is one of the venues where the tyres face the possibility of the greatest difference in conditions, not only over the weekend, but hourly, as we can have torrential rain and then the track dries quickly. The correct rubber is needed to work in those situations and from our intensive testing and knowledge of the circuit we know we have that."



GREEN GUIDE

When travelling to Malaysia and its capital Kuala Lumpur, which isn't far from the Sepang International Circuit, don't forget to pack the Michelin Green Guide Malaysia, Singapore and Brunei.



ENTRY LIST

MONSTER ENERGY YAMAHA MOTOGP

MAVERICK VIÑALES
#12



Born: **January 12, 1995**
Grand Prix debut: **2015, Qatar**

89 🏁 6 🏆 22 🏆 9 🏆

RECORD WITH MICHELIN

6 🏆 22 🏆 9 🏆 (0)

VALENTINO ROSSI
#46



Born: **February 16, 1979**
Grand Prix debut: **2000, South Africa**

340 🏁 89 🏆 198 🏆 55 🏆

World titles: (2009, 2008, 2005, 2004, 2003, 2002, 2001) **(7)**

RECORD WITH MICHELIN

65 🏆 123 🏆 43 🏆 (5)

REPSOL HONDA TEAM

MARC MÁRQUEZ
#93



Born: **February 17, 1993**
Grand Prix debut: **2013, Qatar**

125 🏁 55 🏆 93 🏆 62 🏆

World titles: (2019, 2018, 2017, 2016, 2014, 2013) **(6)**

RECORD WITH MICHELIN

31 🏆 54 🏆 32 🏆 (4)

JORGE LORENZO
#99



Born: **May 4, 1987**
Grand Prix debut: **2008, Qatar**

201 🏁 47 🏆 114 🏆 43 🏆

World titles: (2015, 2012, 2010) **(3)**

RECORD WITH MICHELIN

8 🏆 23 🏆 12 🏆 (0)

DUCATI TEAM

ANDREA DOVIZIOSO
#4



Born: **March 23, 1986**
Grand Prix debut: **2008, Qatar**

213 🏁 14 🏆 59 🏆 7 🏆

RECORD WITH MICHELIN

13 🏆 30 🏆 4 🏆 (0)

DANILO PETRUCCI
#9



Born: **October 24, 1990**
Grand Prix debut: **2012, Qatar**

135 🏁 1 🏆 9 🏆 0 🏆

RECORD WITH MICHELIN

1 🏆 8 🏆 0 🏆 (0)

TEAM SUZUKI ECSTAR

ALEX RINS
#42



Born: **December 8, 1995**
Grand Prix debut: **2017, Qatar**

49 🏁 2 🏆 8 🏆 0 🏆

RECORD WITH MICHELIN

2 🏆 8 🏆 0 🏆 (0)

JOAN MIR
#36



Born: **September 1st, 1997**
Grand Prix debut: **2019, Qatar**

15 🏁 0 🏆 0 🏆 0 🏆

RECORD WITH MICHELIN

15 🏁 0 🏆 0 🏆 0 🏆

APRILIA RACING TEAM GRESINI

ALEIX ESPARGARÓ
#41



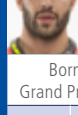
Born: **July 30, 1989**
Grand Prix debut: **2009, Indianapolis**

163 🏁 0 🏆 1 🏆 2 🏆

RECORD WITH MICHELIN

163 🏁 0 🏆 1 🏆 2 🏆

ANDREA IANNONE
#29



Born: **August 9, 1989**
Grand Prix debut: **2013, Qatar**

116 🏁 1 🏆 11 🏆 2 🏆

RECORD WITH MICHELIN

1 🏆 8 🏆 1 🏆 (0)

REALE AVINTIA RACING

TITO RABAT
#53



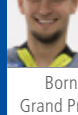
Born: **May 25, 1989**
Grand Prix debut: **2016, Qatar**

62 🏁 0 🏆 0 🏆 0 🏆

RECORD WITH MICHELIN

62 🏁 0 🏆 0 🏆 0 🏆

KAREL ABRAHAM
#17



Born: **January 2, 1990**
Grand Prix debut: **2011, Qatar**

119 🏁 0 🏆 0 🏆 0 🏆

RECORD WITH MICHELIN

119 🏁 0 🏆 0 🏆 0 🏆

PETRONAS YAMAHA SRT

FRANCO MORBIDELLI
#21



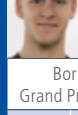
Born: **December 4, 1994**
Grand Prix debut: **2018, Qatar**

33 🏁 0 🏆 0 🏆 0 🏆

RECORD WITH MICHELIN

33 🏁 0 🏆 0 🏆 0 🏆

FABIO QUARTARARO
#20



Born: **April 20, 1999**
Grand Prix debut: **2019, Qatar**

17 🏁 0 🏆 6 🏆 4 🏆

RECORD WITH MICHELIN

0 🏆 6 🏆 4 🏆 (0)

RED BULL KTM FACTORY RACING

MIKA KALLIO
#82



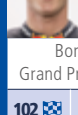
Born: **November 8, 1982**
Grand Prix debut: **2009, Qatar**

43 🏁 0 🏆 0 🏆 0 🏆

RECORD WITH MICHELIN

43 🏁 0 🏆 0 🏆 0 🏆

POL ESPARGARÓ
#44



Born: **June 10, 1991**
Grand Prix debut: **2014, Qatar**

102 🏁 0 🏆 1 🏆 0 🏆

RECORD WITH MICHELIN

0 🏆 1 🏆 0 🏆 (0)

LCR HONDA

CAL CRUTCHLOW
#35



Born: **October 29, 1985**
Grand Prix debut: **2011, Qatar**

155 🏁 3 🏆 19 🏆 4 🏆

RECORD WITH MICHELIN

3 🏆 11 🏆 2 🏆 (0)

JOHANN ZARCO
#5



Born: **July 16, 1990**
Grand Prix debut: **2017, Qatar**

50 🏁 0 🏆 6 🏆 4 🏆

RECORD WITH MICHELIN

0 🏆 6 🏆 4 🏆 (0)

PRAMAC RACING

JACK MILLER
#43



Born: **January 18, 1995**
Grand Prix debut: **2015, Qatar**

83 🏁 1 🏆 5 🏆 1 🏆

RECORD WITH MICHELIN

1 🏆 5 🏆 1 🏆 (0)

FRANCESCO BAGNAIA
#63



Born: **January 14, 1997**
Grand Prix debut: **2019, Qatar**

17 🏁 0 🏆 0 🏆 0 🏆

RECORD WITH MICHELIN

17 🏁 0 🏆 0 🏆 0 🏆

RED BULL KTM TECH 3

HAFIZ SYAHRIN
#55



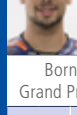
Born: **May 5, 1994**
Grand Prix debut: **2018, Qatar**

35 🏁 0 🏆 0 🏆 0 🏆

RECORD WITH MICHELIN

35 🏁 0 🏆 0 🏆 0 🏆

MIGUEL OLIVEIRA
#88



Born: **January 4, 1995**
Grand Prix debut: **2019, Qatar**

16 🏁 0 🏆 0 🏆 0 🏆

RECORD WITH MICHELIN

16 🏁 0 🏆 0 🏆 0 🏆



RACE STARTS



WINS



PODIUMS



POLES



WORLD TITLES



RIDERS' STANDINGS

RACE				QAT	ARG	USA	ESP	FRA	ITA	ESP	NED	DEU	CZE	AUT	GBR	SMR	ESP	THA	JPN	AUS	MYS	ESP			
				Losail 10/03	Rio Hondo 31/03	Austin 14/04	Jerez 05/05	Le Mans 19/05	Mugello 02/06	Catalunya 16/06	Assen 30/07	Sachsenring 07/07	Brno 04/08	Spielberg 11/08	Silverstone 25/08	Misano 15/09	Aragon 22/09	Chang 06/10	Motegi 20/10	Phillip Island 27/10	Sepang 03/11	Torres 17/11			
RIDERS' STANDINGS				Wins	Podium	Points	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
1	Marc Márquez #93	11	16	375	20	25	DNF	25	25	20	25	20	25	25	20	25	25	25	25	25					
2	Andrea Dovizioso #4	2	8	240	25	16	13	13	20	16	DNF	13	11	20	25	DNF	10	20	13	16	9				
3	Alex Rins #42	2	3	183	13	11	25	20	6	13	13	DNF	DNF	13	10	25	DNF	7	11	9	7				
4	Maverick Viñales #12	1	6	176	9	DNF	5	16	DNF	10	DNF	25	20	6	11	16	16	13	16	13	DNF				
5	Danilo Petrucci #9	1	3	169	10	10	10	11	16	25	16	10	13	8	7	9	6	4	7	7	DNF				
6	Fabio Quartararo #20	6	6	163	0	8	9	DNF	8	6	20	16	DNF	9	16	DNF	20	11	20	20	DNF				
7	Valentino Rossi #46	2	2	153	11	20	20	10	11	DNF	DNF	DNF	8	10	13	13	13	8	8	DNF	8				
8	Jack Miller #43	4	4	141	DNF	13	16	DNF	13	DNF	11	7	10	16	DNF	8	7	16	2	6	16				
9	Cal Crutchlow #35	3	3	133	16	3	DNF	8	7	8	DNF	9	16	11	DNF	10	DNF	10	4	11	20				
10	Franco Morbidelli #21			105	5	DNF	11	9	9	DNF	DNF	11	7	DNF	6	11	11	DNF	10	10	5				
11	Pol Espargaró #44			89	4	6	8	3	10	7	9	5	4	5	DNF	7	9	DNS	3	5	4				
12	Joan Mir #36			77	8	DNF	0	DNF	0	4	10	8	9	DNF	DNS	8	2	9	8	11					
13	Takaaki Nakagami #30			74	7	9	6	7	DNF	11	8	DNF	2	7	5	DNF	0	6	6	0	0				
14	Alex Espargaró #41			53	6	7	DNF	5	4	5	DNF	4	DNF	0	2	DNF	4	9	DNF	1	6				
15	Francesco Bagnaia #63			50	DNF	2	7	DNF	DNF	DNF	DNF	2	0	4	9	5	DNF	0	5	3	13				
16	Andrea Iannone #29			43	2	0	4	DNS	DNF	1	5	6	3	0	0	6	DNS	5	1	DNF	10				
17	Miguel Oliveira #88			33	0	5	2	0	1	0	4	3	0	3	8	DNF	0	3	0	4	DNS				
18	Johann Zarco #5			30	1	1	3	2	3	0	6	DNF	DNF	2	4	DNF	5	0	0	0	3				
19	Jorge Lorenzo #99			23	3	4	DNF	4	5	3	DNF	DNS	0	0	0	2	2	0	0	0	0				
20	Tito Rabat #53			18	0	DNF	1	1	DNF	DNF	7	0	5	0	DNF	DNF	3	1	0	DNS	DNF				
21	Stefan Bradl #6			16	0	0	0	6	0	0	0	0	6	1	3	0	0	0	0	0	0				
22	Michele Pirro #51			9	0	0	0	0	9	0	0	0	0	0	0	DNF	0	0	0	0	0				
23	Hafiz Syahrin #55			8	0	0	0	0	2	DNF	DNF	1	0	DNF	DNF	3	1	0	0	0	1				
24	Sylvain Guintoli #50			7	0	0	0	0	0	3	0	0	0	0	4	0	0	0	0	0	0				
25	Karel Abraham #17			7	0	DNF	0	0	DNF	2	DNF	0	1	0	1	1	0	0	0	0	2				
26	Mika Kallio #82			2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	DNF	2	0				
27	Bradley Smith #38			0	DNF	0	0	0	0	0	DNF	0	0	0	0	0	0	0	0	0	0				

1st 25 pts 4th 13 pts 7th 9 pts 10th 6 pts 13th 3 pts
 2nd 20 pts 5th 11 pts 8th 8 pts 11th 5 pts 14th 2 pts DNF: Did Not Finish
 3rd 16 pts 6th 10 pts 9th 7 pts 12th 4 pts 15th 1 pt DNS: Did Not Start



FACTS

15,000



The number of kilometres covered by a rider during a season (races and practice)



22

slick tyres a rider can use

during a grand prix weekend (free practice, qualifying, warm-up and race)



MINIMUM PRESSURE FOR A TYRE

Front slick

1,9 BAR

Rear slick

1,7 BAR



THE OPERATING TEMPERATURE

Front slick

100°C

Rear slick

120°C

MICHELIN'S MotoGP™ RACE STAFF



2 DEVELOPERS



8 TECHNICIANS



11 FITTERS



1 MANAGER



1 PRESS OFFICER



3 MARKETING / COMMUNICATION



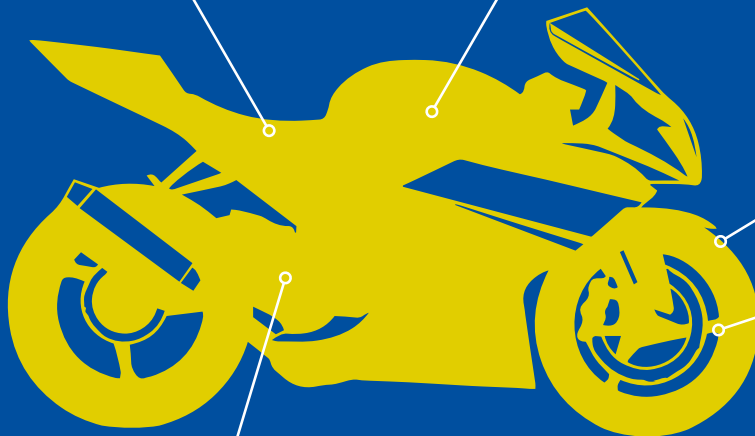
WEIGHT:

157 KG



MAXIMUM FUEL TANK CAPACITY:

22 LITRES



ENGINE DISPLACEMENT:

1,000 cc

4
stroke

POWER:

240 HP

TYRES



MICHELIN
POWER SLICK



OR MICHELIN
POWER RAIN

17"

RIM
DIAMETER:

17 INCHES

SIZES:

FRONT: **12 / 60 - 17**

Width (cm) Exterior diameter (cm) Rim diameter (inches)

REAR: **20 / 69 - 17**





MICHELIN'S MotoGP™ RANGE 2019 SEASON

MICHELIN POWER SLICK

FRONT
12/60 - 17



SOFT

MEDIUM

HARD

REAR
20/69 - 17



MICHELIN POWER RAIN

FRONT
12/60 - 17



EXTRA SOFT

SOFT

MEDIUM

REAR
20/69 - 17



DO YOU SPEAK MotoGP™?

Apex

The tightest point of a corner, which the rider usually rides through just before he begins to exit and accelerate away.

Highside

A crash in which the rear wheel of the bike slides out from under the rider – so that he is essentially at a right angle to his racing line (the direction in which he was going) – and then regains grip, which flips the bike and rider over.

Hole-shot

Taking the hole-shot means leading the race at the first corner.

OnBoard

An 'OnBoard' is a television camera carried by a MotoGP™ bike. Installed in various parts of the bike, these cameras offer some of the most spectacular perspectives of the race.

Paddock

The area adjacent to the pit boxes on the opposite side to the pit-lane, where teams and riders station their motorhomes and equipment for the duration of a grand prix weekend.

Parc Ferme

Designated area in the pit-lane where podium-finishing riders (first three) in each class are interviewed by television crews immediately after each race.

Pit box

The pit-boxes house teams over the course of a grand prix weekend, serving as a temporary garage and workshop.

Pit-lane

An access lane to the track which runs alongside the start/finish straight, adjacent to the pit-boxes and separated from the circuit by the pit wall.

Ride Through

A Ride Through procedure is a penalty where a rider is instructed to ride through the pit-lane – within a maximum speed limit – and can be imposed if he has contravened the regulations, for example, jump-starting before the race has officially commenced.

Rookie

A rider competing in his first year in any of the three categories of grand prix racing is referred to as a rookie.

Wild cards

Unregistered riders who are entered for one-off grands prix, as opposed to regular World Championship competitors.

