

# RACECARD

2019 MICHELIN MotoGP™



**05**  
**SHARK HELMETS**  
**GRAND PRIX DE**  
**FRANCE**

**MAY 17»19**  
**2019**

CIRCUIT BUGATTI  
 LE MANS  
 FRANCE

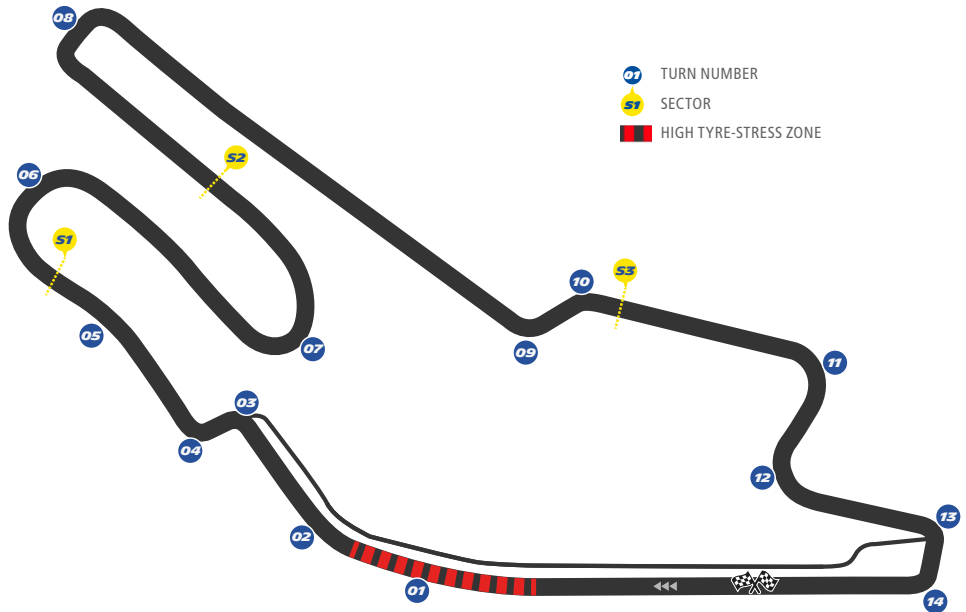


## TIMETABLE

FREE PRACTICE FRIDAY, MAY 17		
09:00 - 09:40	Moto3	FP1
09:55 - 10:40	MotoGP	FP1
10:55 - 11:35	Moto2	FP1
13:15 - 13:55	Moto3	FP2
14:10 - 14:55	MotoGP	FP2
15:10 - 15:50	Moto2	FP2

QUALIFYING PRACTICE SATURDAY, MAY 18		
09:00 - 09:40	Moto3	FP3
09:55 - 10:40	MotoGP	FP3
10:55 - 11:35	Moto2	FP3
12:35 - 12:50	Moto3	QP1
13:00 - 13:15	Moto3	QP2
13:30 - 14:00	MotoGP	FP4
14:10 - 14:25	MotoGP	QP1
14:35 - 14:50	MotoGP	QP2
15:05 - 15:20	Moto2	QP1
15:30 - 15:45	Moto2	QP2

RACE SUNDAY, MAY 19		
8:40 - 9:00	Moto3	WUP
9:10 - 9:30	Moto2	WUP
9:40 - 10:00	MotoGP	WUP
11:00	Moto3	RAC
12:20	Moto2	RAC
14:00	MotoGP	RAC



- 01 TURN NUMBER
- S1 SECTOR
- High Tyre-Stress Zone

LONGUEUR	LARGEUR	VIRAGE À DROITE	VIRAGE À GAUCHE	+ LONGUE LIGNE DROITE	NOMBRE DE TOURS	DISTANCE À PARCOURIR
<b>4.185</b> KM	<b>13</b> M	<b>9</b>	<b>5</b>	<b>674</b> M	<b>27</b>	<b>113</b> KM

### RECORDS

**All Time Lap Record**  
 Johann Zarco (Yamaha, 2018): 1m31.185s

**Best lap race**  
 Maverick Viñales (Yamaha, 2017): 1m32.309s

**Race duration**  
 Marc Márquez (Honda, 2018): 41m49.773s (27 laps)

**Top Speed**  
 Andrea Iannone (Ducati, 2015): 316.6 Km/h

### 2018 PODIUM

**2** D. Petrucci (Ducati)

**1** M. Márquez (Honda)  
 ⌚ 41m49.773s (27 laps)

**3** V. Rossi (Yamaha)

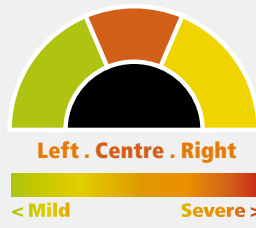
**Pole: J. Zarco (Yamaha): ⌚ 1m31.185s**

### MICHELIN'S RECORD

**Wins: 18** (1976, 1979, 1983, 1985, 1989, 1990, 1994, 1995, from 2000 to 2006, 2016, 2017, 2018)

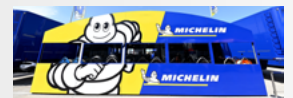
**Pole position: 19** (1976, 1985, 1987, 1989, 1990, 1994, 1995, from 2000 to 2008, 2016, 2017, 2018)

### TYRE SEVERITY RATING



### DID YOU KNOW?

It takes 11 people 10 hours to erect the 120-sq. metre workshop that Michelin uses at every European round of the MotoGP™ World Championship.



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 a rain tyres (of the specification the rider 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:

"This weekend is one the most important events for us on the calendar. It is our home race so we have the support of the French fans with us and also we have a huge presence from Michelin that come to the race, so we know we have a lot of people that want us to do well, meaning it is imperative that we give them a good show. The Le Mans circuit is one where we have many records and also one which we use a reference because the asphalt is so good since it was resurfaced, but that doesn't mean we won't be looking to improve. We have new compounds in the range that were added after the tests at the start of the year and these will certainly help the riders to improve their performances – as happened at Jerez last time out – and add to what promises to be another great event."



Motor racing is often associated with Le Mans and especially with the legendary Le Mans 24 Hours but that would be an incomplete picture. The red city (due to its red walls) boasts a rich heritage within its Gallo-Roman ramparts: a fine Gothic cathedral and a warren of narrow cobbled streets lined by half-timbered houses.



# ENTRY LIST

## MONSTER ENERGY YAMAHA MOTOGP



**MAVERICK VIÑALES**  
#12



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

76 5 17 7

### RECORD WITH MICHELIN

5 17 7 (0)



**VALENTINO ROSSI**  
#46



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

327 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**

112 46 80 54

World titles: (2018, 2017, 2016, 2014, 2013) (5)

### RECORD WITH MICHELIN

22 41 24 (3)



**JORGE LORENZO**  
#99



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

192 47 114 43

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

### RECORD WITH MICHELIN

8 23 12 (0)

## MISSION WINNOW DUCATI



**ANDREA DOVIZIOSO**  
#4



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

200 13 53 7

### RECORD WITH MICHELIN

12 24 4 (0)



**DANILO PETRUCCI**  
#9



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

122 0 6 0

### RECORD WITH MICHELIN

0 5 0 (0)

## APRILIA RACING TEAM GRESINI



**ALEIX ESPARGARÓ**  
#41



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

150 0 1 2



**ANDREA IANNONE**  
#29



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

104 1 11 2

### RECORD WITH MICHELIN

1 8 1 (0)

## PETRONAS YAMAHA SRT



**FRANCO MORBIDELLI**  
#21



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

20 0 0 0



**FABIO QUARTARARO**  
#20



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

4 0 0 1

### RECORD WITH MICHELIN

0 0 1 (0)

## LCR HONDA



**CAL CRUTCHLOW**  
#35



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

142 3 17 4

### RECORD WITH MICHELIN

3 9 2 (0)



**TAKAAKI NAKAGAMI**  
#30



Born: **February 9, 1992**  
Grand Prix debut: **2018, Qatar**

22 0 0 0

## PRAMAC RACING



**JACK MILLER**  
#43



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

70 1 2 1

### RECORD WITH MICHELIN

1 2 1 (0)



**FRANCESCO BAGNAIA**  
#63



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

4 0 0 0

## RED BULL KTM FACTORY RACING



**JOHANN ZARCO**  
#5



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

40 0 6 4

### RECORD WITH MICHELIN

0 6 4 (0)



**POL ESPARGARÓ**  
#44



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

90 0 1 0

### RECORD WITH MICHELIN

0 1 0 (0)

## RED BULL KTM TECH 3



**HAFIZ SYAHRIN**  
#55



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

22 0 0 0



**MIGUEL OLIVEIRA**  
#88



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

4 0 0 0



RACE STARTS



WINS



PODIUMS



POLES



WORLD TITLES



# RIDERS' STANDINGS

PAYS				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	Torino 17/11			
CLASSEMENT PILOTES				Victories	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	2	3	70	20	25	DNF	25																	
2	Alex Rins #42	1	2	69	13	11	25	20																	
3	Andrea Dovizioso #4	1	2	67	25	16	13	13																	
4	Valentino Rossi #46		2	61	11	20	20	10																	
5	Daniilo Petrucci #9			41	10	10	10	11																	
6	Maverick Viñales #12		1	30	9	DNF	5	16																	
7	Jack Miller #43		1	29	DNF	13	16	DNF																	
8	Takaaki Nakagami #30			29	7	9	6	7																	
9	Cal Crutchlow #35		1	27	16	3	DNF	8																	
10	Franco Morbidelli #21			25	5	DNF	11	9																	
11	Pol Espargaró #44			21	4	6	8	3																	
12	Alex Espargaró #41			18	6	7	DNF	5																	
13	Fabio Quartararo #20			17	0	8	9	DNF																	
14	Jorge Lorenzo #99			11	3	4	DNF	4																	
15	Francesco Bagnaia #63			9	DNF	2	7	DNF																	
16	Joan Mir #36			8	8	DNF	0	DNF																	
17	Miguel Oliveira #88			7	0	5	2	0																	
18	Johann Zarco #5			7	1	1	3	2																	
19	Andrea Iannone #29			6	2	0	4	DNS																	
20	Stefan Bradl #6			6	-	-	-	6																	
21	Tito Rabat #53			2	0	DNF	1	1																	
22	Karel Abraham #17			0	0	DNF	0	0																	
23	Hafizh Syahrin #55			0	0	0	0	0																	
24	Bradley Smith #38			0	DNF	-	-	0																	

1<sup>st</sup> ..... 25 pts    4<sup>th</sup> ..... 13 pts    7<sup>th</sup> ..... 9 pts    10<sup>th</sup> ..... 6 pts    13<sup>th</sup> ..... 3 pts  
 2<sup>nd</sup> ..... 20 pts    5<sup>th</sup> ..... 11 pts    8<sup>th</sup> ..... 8 pts    11<sup>th</sup> ..... 5 pts    14<sup>th</sup> ..... 2 pts    DNF: Did Not Finish  
 3<sup>rd</sup> ..... 16 pts    6<sup>th</sup> ..... 10 pts    9<sup>th</sup> ..... 7 pts    12<sup>th</sup> ..... 4 pts    15<sup>th</sup> ..... 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**



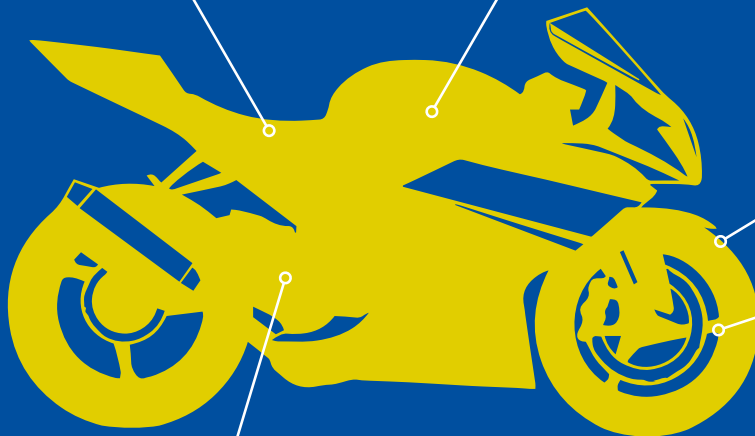
WEIGHT:

**157KG**



MAXIMUM FUEL TANK CAPACITY:

**22 LITRES**



ENGINE DISPLACEMENT:

**1,000cc**

**4**  
stroke

POWER:

**240HP**

## 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.

