

# RACECARD

2019 MICHELIN MotoGP™



**10**  
MONSTER ENERGY  
GRAND PRIX ČESKÉ  
REPUBLIKY

**AUGUST 2»4  
2019**

AUTOMOTODROM BRNO  
CZECH REPUBLIC



## TIMETABLE

### FREE PRACTICE FRIDAY, AUGUST 2

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, AUGUST 3

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, AUGUST 4

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

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

LENGTH	WIDTH	RIGHT CORNERS	LEFT CORNERS	LONGEST STRAIGHT	LAPS	TOTAL DISTANCE
<b>5.403</b> KM	<b>15</b> M	<b>8</b>	<b>6</b>	<b>636</b> M	<b>21</b>	<b>113.5</b> KM

## RECORDS

**All Time Lap Record**  
Marc Márquez (Honda, 2016):  
1m54.596s

**Best lap race**  
Dani Pedrosa (Honda, 2014):  
1m56.027s

**Race duration**  
Andrea Dovizioso (Ducati, 2018):  
41m07.728s

**Top Speed**  
Andrea Iannone (Ducati, 2015):  
316.4 km/h

## MICHELIN'S RECORD

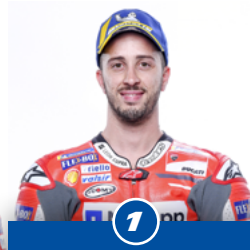
**Wins: 19** (1977, 1987, 1988, 1989, 1990, 1994, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2016, 2017, 2018)

**Pole positions: 21** (1975, 1976, 1977, 1987, 1988, 1989, 1990, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2016, 2017, 2018)

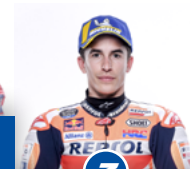
## 2018 PODIUM



**J. Lorenzo**  
(Ducati)



**A. Dovizioso** (Ducati)  
🕒 **41m07.728s**



**M. Márquez**  
(Honda)

**2018 Pole : A. Dovizioso** (Ducati) 🕒 **1m54.689s**

## TYRE SEVERITY RATING



Left . Centre . Right

< Mild

Severe >



# 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 tyre (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:

"It's always good to have a break, but it's even better to get back to racing. Brno is a big test for the tyres, it is quite complex and features a big change in elevation from the lowest part of the track to the highest. It has many demanding sections that require the tyres to work in many different ways, heavy braking, hard acceleration and an array of different corners that give varying levels of stress and load to the side of the tyres. We have a range of slicks that we know will work well here and the added performance from the compounds we introduced this year will be ideally suited to this track. We are hoping for the best weather conditions, but if it does rain we know that the wets perform very well here, so we are expecting a good race, no matter what happens."



# ENTRY LIST

## MONSTER ENERGY YAMAHA MOTOCP



**MAVERICK VIÑALES**  
#12

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

81 🏁 6 🏆 19 🏅 7 🏆

### RECORD WITH MICHELIN

6 🏆 19 🏅 7 🏆 (0)



**VALENTINO ROSSI**  
#46

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

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

117 🏁 49 🏆 85 🏅 57 🏆

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

### RECORD WITH MICHELIN

25 🏆 46 🏅 27 🏆 (3)



**STEFAN BRADL**  
#6

Born: November 29, 1989  
Grand Prix debut: 2012, Qatar

109 🏁 0 🏆 1 🏅 1 🏆

## DUCATI TEAM



**ANDREA DOVIZIOSO**  
#4

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

205 🏁 13 🏆 55 🏅 7 🏆

### RECORD WITH MICHELIN

12 🏆 26 🏅 4 🏆 (0)



**DANILO PETRUCCI**  
#9

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

127 🏁 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

41 🏁 1 🏆 7 🏅 0 🏆

### RECORD WITH MICHELIN

1 🏆 7 🏅 0 🏆 (0)



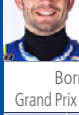
**JOAN MIR**  
#36

Born: September 1<sup>st</sup>, 1997  
Grand Prix debut: 2019, Qatar

9 🏁 0 🏆 0 🏅 0 🏆

### RECORD WITH MICHELIN

9 🏁 0 🏆 0 🏅 0 🏆



**SYLVAIN GUINTOLI**  
#50

Born: June 24, 1982  
Grand Prix debut: 2003, Czech Rep.

45 🏁 0 🏆 0 🏅 0 🏆

## APRILIA RACING TEAM GRESINI



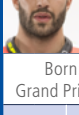
**ALEIX ESPARGARÓ**  
#41

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

155 🏁 0 🏆 1 🏅 2 🏆

### RECORD WITH MICHELIN

155 🏁 0 🏆 1 🏅 2 🏆



**ANDREA IANNONE**  
#29

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

109 🏁 1 🏆 11 🏅 2 🏆

### RECORD WITH MICHELIN

1 🏆 8 🏅 1 🏆 (0)

## REALE AVINTIA RACING



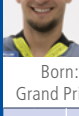
**TITO RABAT**  
#53

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

55 🏁 0 🏆 0 🏅 0 🏆

### RECORD WITH MICHELIN

55 🏁 0 🏆 0 🏅 0 🏆



**KAREL ABRAHAM**  
#17

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

111 🏁 0 🏆 0 🏅 0 🏆

### RECORD WITH MICHELIN

111 🏁 0 🏆 0 🏅 0 🏆

## PETRONAS YAMAHA SRT



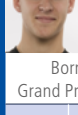
**FRANCO MORBIDELLI**  
#21

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

25 🏁 0 🏆 0 🏅 0 🏆

### RECORD WITH MICHELIN

25 🏁 0 🏆 0 🏅 0 🏆



**FABIO QUARTARARO**  
#20

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

9 🏁 0 🏆 2 🏅 3 🏆

### RECORD WITH MICHELIN

0 🏆 2 🏅 3 🏆 (0)

## RED BULL KTM FACTORY RACING



**JOHANN ZARCO**  
#5

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

45 🏁 0 🏆 6 🏅 4 🏆

### RECORD WITH MICHELIN

0 🏆 6 🏅 4 🏆 (0)



**POL ESPARGARÓ**  
#44

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

95 🏁 0 🏆 1 🏅 0 🏆

### RECORD WITH MICHELIN

0 🏆 1 🏅 0 🏆 (0)

## LCR HONDA



**CAL CRUTCHLOW**  
#35

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

147 🏁 3 🏆 18 🏅 4 🏆

### RECORD WITH MICHELIN

3 🏆 10 🏅 2 🏆 (0)



**TAKAAKI NAKAGAMI**  
#30

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

27 🏁 0 🏆 0 🏅 0 🏆

### RECORD WITH MICHELIN

27 🏁 0 🏆 0 🏅 0 🏆

## PRAMAC RACING



**JACK MILLER**  
#43

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

75 🏁 1 🏆 2 🏅 1 🏆

### RECORD WITH MICHELIN

1 🏆 2 🏅 1 🏆 (0)



**FRANCESCO BAGNAIA**  
#63

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

9 🏁 0 🏆 0 🏅 0 🏆

### RECORD WITH MICHELIN

9 🏁 0 🏆 0 🏅 0 🏆

## RED BULL KTM TECH 3



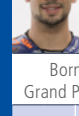
**HAFIZ SYAHRIN**  
#55

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

27 🏁 0 🏆 0 🏅 0 🏆

### RECORD WITH MICHELIN

27 🏁 0 🏆 0 🏅 0 🏆



**MIGUEL OLIVEIRA**  
#88

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

9 🏁 0 🏆 0 🏅 0 🏆

### RECORD WITH MICHELIN

9 🏁 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	 Torre de Jarama 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	5	8	185	20	25	DNF	25	25	20	25	20	25												
2	Andrea Dovizioso #4	1	4	127	25	16	13	13	20	16	DNF	13	11												
3	Danilo Petrucci #9	1	3	121	10	10	10	11	16	25	16	10	13												
4	Alex Rins #42	1	2	101	13	11	25	20	6	13	13	DNF	DNF												
5	Maverick Viñales #12	1	3	85	9	DNF	5	16	DNF	10	DNF	25	20												
6	Valentino Rossi #46		2	80	11	20	20	10	11	DNF	DNF	DNF	8												
7	Jack Miller #43		1	70	DNF	13	16	DNF	13	DNF	11	7	10												
8	Fabio Quartararo #20		2	67	0	8	9	DNF	8	6	20	16	DNF												
9	Cal Crutchlow #35		2	67	16	3	DNF	8	7	8	DNF	9	16												
10	Pol Espargaró #44			56	4	6	8	3	10	7	9	5	4												
11	Franco Morbidelli #21			52	5	DNF	11	9	9	DNF	DNF	11	7												
12	Takaaki Nakagami #30			50	7	9	6	7	DNF	11	8	DNF	2												
13	Joan Mir #36			39	8	DNF	0	DNF	0	4	10	8	9												
14	Aleix Espargaró #41			31	6	7	DNF	5	4	5	DNF	4	DNF												
15	Andrea Iannone #29			21	2	0	4	DNS	DNF	1	5	6	3												
16	Jorge Lorenzo #99			19	3	4	DNF	4	5	3	DNF	DNS	—												
17	Johann Zarco #5			16	1	1	3	2	3	0	6	DNF	DNF												
18	Miguel Oliveira #88			15	0	5	2	0	1	0	4	3	0												
19	Tito Rabat #53			14	0	DNF	1	1	DNF	DNF	7	0	5												
20	Stefan Bradl #6			12	—	—	—	6	—	—	—	—	6												
21	Francesco Bagnaia #63			11	DNF	2	7	DNF	DNF	DNF	DNF	2	0												
22	Michele Pirro #51			9	—	—	—	—	—	9	—	—	—												
23	Sylvain Guintoli #50			3	—	—	—	—	—	3	—	—	—												
24	Karel Abraham #17			3	0	DNF	0	0	DNF	2	DNF	0	1												
25	Hafizh Syahrin #55			3	0	0	0	0	2	DNF	DNF	1	0												
26	Bradley Smith #38			0	DNF	—	—	0	—	—	DNF	—	—												

1<sup>st</sup> ..... 25 pts  
2<sup>nd</sup> ..... 20 pts  
3<sup>rd</sup> ..... 16 pts

4<sup>th</sup> ..... 13 pts  
5<sup>th</sup> ..... 11 pts  
6<sup>th</sup> ..... 10 pts

7<sup>th</sup> ..... 9 pts  
8<sup>th</sup> ..... 8 pts  
9<sup>th</sup> ..... 7 pts

10<sup>th</sup> ..... 6 pts  
11<sup>th</sup> ..... 5 pts  
12<sup>th</sup> ..... 4 pts

13<sup>th</sup> ..... 3 pts  
14<sup>th</sup> ..... 2 pts  
15<sup>th</sup> ..... 1 pt

DNF: Did Not Finish  
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**



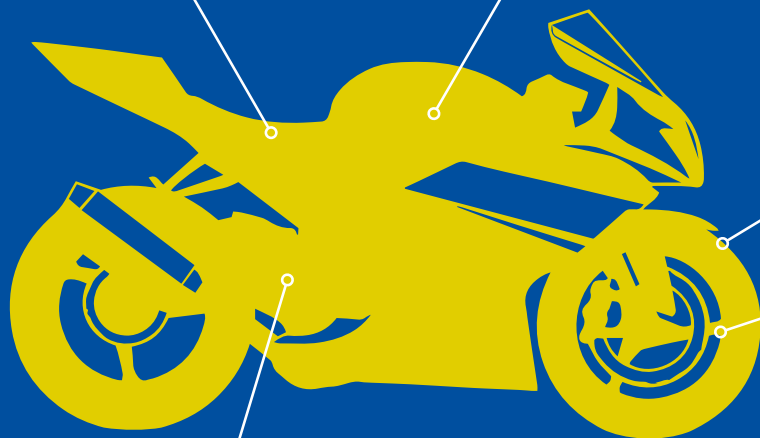
WEIGHT:

**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.

