

# RACECARD

2019 MICHELIN MotoGP™



OFFICIAL MotoGP™ CLASS TYRE

**14**  
**GRAN PREMIO**  
**MICHELIN®**  
**DE ARAGON**  
**SEPTEMBER**  
**20»22, 2019**  
**MOTORLAND ARAGON**  
**SPAIN**



## TIMETABLE

### FREE PRACTICE FRIDAY, SEPTEMBER 20

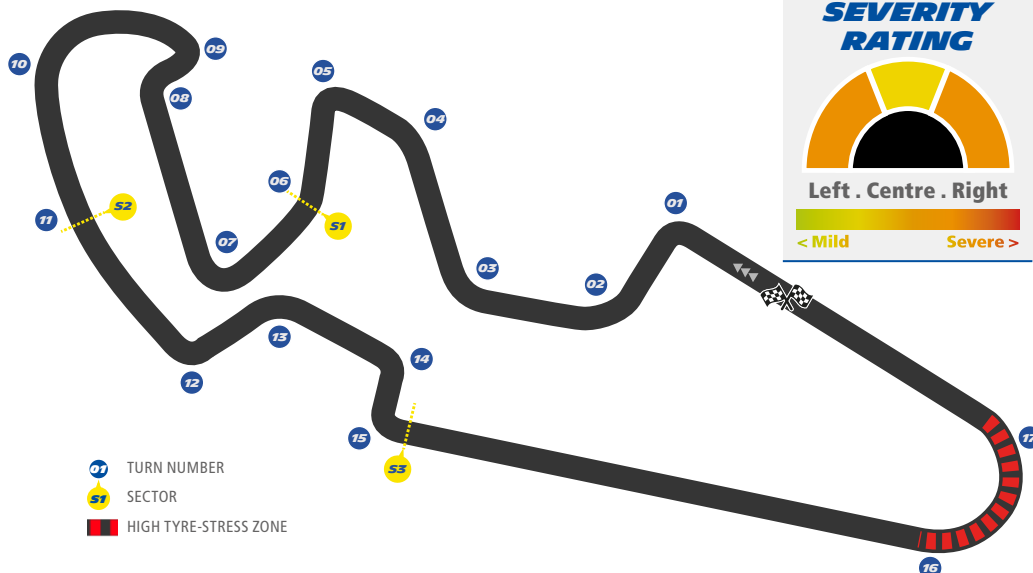
09:00 - 09:40	Moto3	FP1
09:55 - 10:40	MotoGP	FP1
10:55 - 11:35	Moto2	FP1
13:15 - 13:55	Moto3	FP2
14:10 - 14:55	MotoGP	FP2
15:10 - 15:50	Moto2	FP2

### QUALIFYING PRACTICE SATURDAY, SEPTEMBER 21

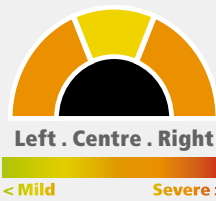
09:00 - 09:40	Moto3	FP3
09:55 - 10:40	MotoGP	FP3
10:55 - 11:35	Moto2	FP3
12:35 - 12:50	Moto3	QP1
13:00 - 13:15	Moto3	QP2
13:30 - 14:00	MotoGP	FP4
14:10 - 14:25	MotoGP	QP1
14:35 - 14:50	MotoGP	QP2
15:05 - 15:20	Moto2	QP1
15:30 - 15:45	Moto2	QP2

### RACE SUNDAY, SEPTEMBER 22

9:00 - 9:20	Moto3	WUP
9:30 - 9:50	MotoGP	WUP
10:00 - 10:20	Moto2	WUP
11:20	Moto3	RAC
13:00	MotoGP	RAC
14:30	Moto2	RAC



### TYRE SEVERITY RATING



LENGTH	WIDTH	RIGHT CORNERS	LEFT CORNERS	LONGEST STRAIGHT	LAPS	TOTAL DISTANCE
<b>5.077</b> KM	<b>15</b> M	<b>7</b>	<b>10</b>	<b>968</b> M	<b>23</b>	<b>116.8</b> KM

### RECORDS

#### All Time Lap Record

Marc Márquez (Honda, 2015):  
1m46.635s

#### Best lap race

Jorge Lorenzo (Yamaha, 2015):  
1m48.120s

#### Race duration

Jorge Lorenzo (Yamaha, 2015):  
41m44.933s

#### Top Speed

Andrea Iannone (Ducati, 2015):  
345.8km/h

### 2018 PODIUM



**A. Dovizioso**  
(Ducati)



**M. Márquez** (Honda)  
🕒 **41m55.949s**



**A. Iannone**  
(Suzuki)

**2018 Pole: J. Lorenzo** (Ducati) 🕒 **1m46.881s**

### DID YOU KNOW?

The podium ceremonies in every class at this year's Gran Premio Michelin® de Aragon will see Michelin present individual, personalised 3D-printed titanium trophies. These prizes were designed especially for the grand prix and were made by Poly-Shape which is already active in motorsport. Poly-Shape is a subsidiary of the French group AddUp, a leader in the world of 3D metal additive manufacturing and co-owned by Michelin.



# 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.

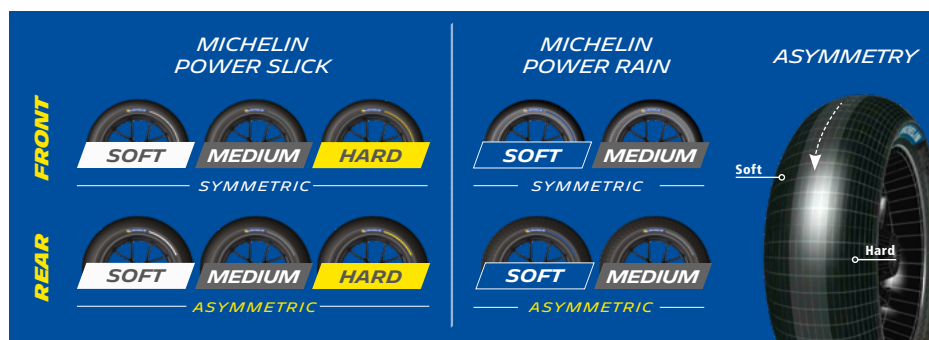


## PIERO TARAMASSO

Michelin Motorsport Two-Wheel Manager:

"It is a very special thing to have the Michelin Grand Prix in Europe, it is closer to Clermont-Ferrand than Australia was, so there will be many people from the factory visiting us to understand more about MotoGP and see the excitement for themselves. Aragon is a very demanding circuit, its layout needs close attention and the surface can be cool in the mornings, very hot in the afternoon and can also be quite abrasive if the wind blows the dust over it from the surrounding area. We have to make a range to contend with

these different factors and as was shown last year - when it was the hottest it had ever been at Aragon for MotoGP - we gave the riders an allocation that all could use and set some fast times. We have unfinished business at Aragon and will be looking to set some records and are determined to do that as it is 'our Grand Prix'."



Explore the Aragon region  
and Alcaniz with the Michelin Green  
Guide Spain.



# ENTRY LIST

## MONSTER ENERGY YAMAHA MOTOGP



**MAVERICK VIÑALES**  
#12

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

85 RACE STARTS 6 WINS 21 PODIUMS 8 POLES

### RECORD WITH MICHELIN

6 WINS 21 PODIUMS 8 POLES (0) WORLD TITLES



**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 WINS 123 PODIUMS 43 POLES (5) WORLD TITLES

## REPSOL HONDA TEAM



**MARC MÁRQUEZ**  
#93

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

121 RACE STARTS 51 WINS 89 PODIUMS 60 POLES

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

### RECORD WITH MICHELIN

27 WINS 50 PODIUMS 30 POLES (3) WORLD TITLES



**JORGE LORENZO**  
#99

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

197 RACE STARTS 47 WINS 114 PODIUMS 43 POLES

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

### RECORD WITH MICHELIN

8 WINS 23 PODIUMS 12 POLES (0) WORLD TITLES

## DUCATI TEAM



**ANDREA DOVIZIOSO**  
#4

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

209 RACE STARTS 14 WINS 57 PODIUMS 7 POLES

### RECORD WITH MICHELIN

13 WINS 28 PODIUMS 4 POLES (0) WORLD TITLES



**DANILO PETRUCCI**  
#9

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

131 RACE STARTS 1 WINS 9 PODIUMS 0 POLES

### RECORD WITH MICHELIN

1 WINS 8 PODIUMS 0 POLES (0) WORLD TITLES

## TEAM SUZUKI ECSTAR



**ALEX RINS**  
#42

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

45 RACE STARTS 2 WINS 8 PODIUMS 0 POLES

### RECORD WITH MICHELIN

2 WINS 8 PODIUMS 0 POLES (0) WORLD TITLES



**JOAN MIR**  
#36

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

11 RACE STARTS 0 WINS 0 PODIUMS 0 POLES

## APRILIA RACING TEAM GRESINI



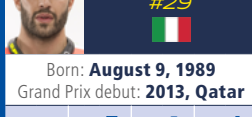
**ALEIX ESPARGARÓ**  
#41

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

159 RACE STARTS 0 WINS 1 PODIUM 2 POLES

### RECORD WITH MICHELIN

1 WINS 8 PODIUMS 1 POLES (0) WORLD TITLES



**ANDREA IANNONE**  
#29

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

112 RACE STARTS 1 WINS 11 PODIUMS 2 POLES

### RECORD WITH MICHELIN

1 WINS 8 PODIUMS 1 POLES (0) WORLD TITLES



**BRADLEY SMITH**  
#38

Born: November 28, 1990  
Grand Prix debut: 2013, Qatar

106 RACE STARTS 0 WINS 2 PODIUMS 0 POLES

### RECORD WITH MICHELIN

1 WINS 8 PODIUMS 1 POLES (0) WORLD TITLES

## REALE AVINTIA RACING



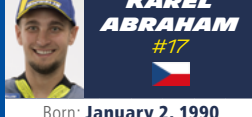
**TITO RABAT**  
#53

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

59 RACE STARTS 0 WINS 0 PODIUMS 0 POLES

### RECORD WITH MICHELIN

0 WINS 1 PODIUM 0 POLES (0) WORLD TITLES



**KAREL ABRAHAM**  
#17

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

115 RACE STARTS 0 WINS 0 PODIUMS 0 POLES

## PETRONAS YAMAHA SRT



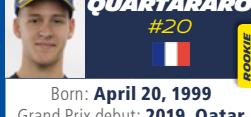
**FRANCO MORBIDELLI**  
#21

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

29 RACE STARTS 0 WINS 0 PODIUMS 0 POLES

### RECORD WITH MICHELIN

0 WINS 4 PODIUMS 3 POLES (0) WORLD TITLES



**FABIO QUARTARARO**  
#20

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

13 RACE STARTS 0 WINS 4 PODIUMS 3 POLES

### RECORD WITH MICHELIN

0 WINS 4 PODIUMS 3 POLES (0) WORLD TITLES

## RED BULL KTM FACTORY RACING



**MIKA KALLIO**  
#82

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

39 RACE STARTS 0 WINS 0 PODIUMS 0 POLES

### RECORD WITH MICHELIN

0 WINS 1 PODIUM 0 POLES (0) WORLD TITLES



**POL ESPARGARÓ**  
#44

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

99 RACE STARTS 0 WINS 1 PODIUM 0 POLES

### RECORD WITH MICHELIN

0 WINS 1 PODIUM 0 POLES (0) WORLD TITLES

## LCR HONDA



**CAL CRUTCHLOW**  
#35

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

151 RACE STARTS 3 WINS 18 PODIUMS 4 POLES

### RECORD WITH MICHELIN

3 WINS 10 PODIUMS 2 POLES (0) WORLD TITLES



**TAKAAKI NAKAGAMI**  
#30

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

31 RACE STARTS 0 WINS 0 PODIUMS 0 POLES

### RECORD WITH MICHELIN

0 WINS 0 PODIUMS 0 POLES (0) WORLD TITLES

## PRAMAC RACING



**JACK MILLER**  
#43

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

79 RACE STARTS 1 WINS 3 PODIUMS 1 POLES

### RECORD WITH MICHELIN

1 WINS 3 PODIUMS 1 POLES (0) WORLD TITLES



**FRANCESCO BAGNAIA**  
#63

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

13 RACE STARTS 0 WINS 0 PODIUMS 0 POLES

### RECORD WITH MICHELIN

0 WINS 0 PODIUMS 0 POLES (0) WORLD TITLES

## RED BULL KTM TECH 3



**HAFIZH SYAHRIN**  
#55

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

31 RACE STARTS 0 WINS 0 PODIUMS 0 POLES

### RECORD WITH MICHELIN

0 WINS 0 PODIUMS 0 POLES (0) WORLD TITLES



**MIGUEL OLIVEIRA**  
#88

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

13 RACE STARTS 0 WINS 0 PODIUMS 0 POLES



RACE STARTS



WINS



PODIUMS



POLES
























WORLD TITLES





# RIDERS' STANDINGS

RACE																							
					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	Torremolinos 17/11
RIDERS' STANDINGS				Points	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
1	Marc Márquez #93	7	12	275	20	25	DNF	25	25	20	25	20	25	25	20	20	25						
2	Andrea Dovizioso #4	2	6	182	25	16	13	13	20	16	DNF	13	11	20	25	DNF	10						
3	Danilo Petrucci #9	1	3	151	10	10	10	11	16	25	16	10	13	8	7	9	6						
4	Alex Rins #42	2	3	149	13	11	25	20	6	13	13	DNF	DNF	13	10	25	DNF						
5	Maverick Viñales #12	1	5	134	9	DNF	5	16	DNF	10	DNF	25	20	6	11	16	16						
6	Valentino Rossi #46		2	129	11	20	20	10	11	DNF	DNF	DNF	8	10	13	13	13						
7	Fabio Quartararo #20		4	112	0	8	9	DNF	8	6	20	16	DNF	9	16	DNF	20						
8	Jack Miller #43		2	101	DNF	13	16	DNF	13	DNF	11	7	10	16	DNF	8	7						
9	Cal Crutchlow #35		2	88	16	3	DNF	8	7	8	DNF	9	16	11	DNF	10	DNF						
10	Franco Morbidelli #21			80	5	DNF	11	9	9	DNF	DNF	11	7	DNF	6	11	11						
11	Pol Espargaró #44			77	4	6	8	3	10	7	9	5	4	5	DNF	7	9						
12	Takaaki Nakagami #30			62	7	9	6	7	DNF	11	8	DNF	2	7	5	DNF	0						
13	Joan Mir #36			47	8	DNF	0	DNF	0	4	10	8	9	DNF	DNS	–	8						
14	Aleix Espargaró #41			37	6	7	DNF	5	4	5	DNF	4	DNF	0	2	DNF	4						
15	Francesco Bagnaia #63			29	DNF	2	7	DNF	DNF	DNF	DNF	2	0	4	9	5	DNF						
16	Andrea Iannone #29			27	2	0	4	DNS	DNF	1	5	6	3	0	0	6	DNS						
17	Johann Zarco #5			27	1	1	3	2	3	0	6	DNF	DNF	2	4	DNF	5						
18	Miguel Oliveira #88			26	0	5	2	0	1	0	4	3	0	3	8	DNF	0						
19	Jorge Lorenzo #99			23	3	4	DNF	4	5	3	DNF	DNS	–	–	–	2	2						
20	Tito Rabat #53			17	0	DNF	1	1	DNF	DNF	7	0	5	0	DNF	DNF	3						
21	Stefan Bradl #6			16	–	–	–	6	–	–	–	–	6	1	3	–	–						
22	Michele Pirro #51			9	–	–	–	–	–	9	–	–	–	–	–	–	DNF						
23	Sylvain Guintoli #50			7	–	–	–	–	–	–	3	–	–	0	–	4	–						
24	Hafizh Syahrin #55			7	0	0	0	0	2	DNF	DNF	1	0	DNF	DNF	3	1						
25	Karel Abraham #17			5	0	DNF	0	0	DNF	2	DNF	0	1	0	1	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**



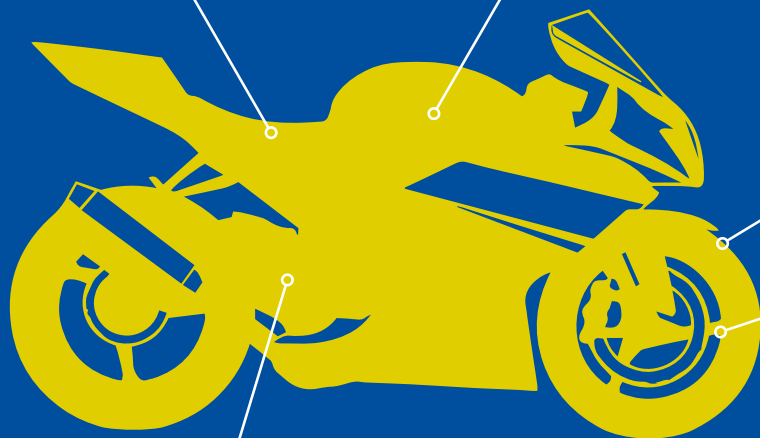
WEIGHT:

**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.

