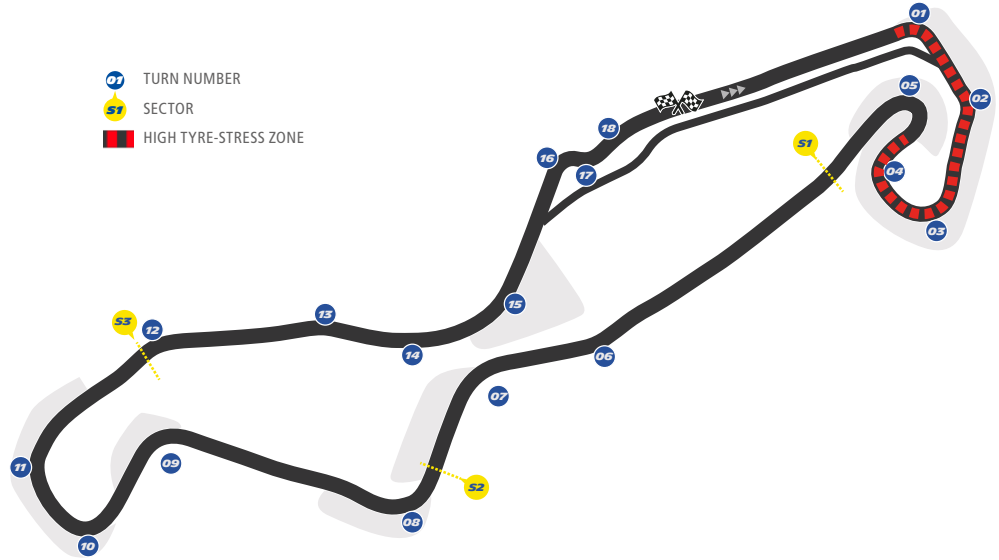


# RACECARD

2019 MICHELIN MotoGP™



**08**  
**MOTUL TT ASSEN**  
**JUNE 28»30**  
**2019**  
 TT CIRCUIT ASSEN  
 NETHERLANDS



- 01 TURN NUMBER
- S1 SECTOR
- HIGH TYRE-STRESS ZONE

## TIMETABLE

FREE PRACTICE FRIDAY, JUNE 28		
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, JUNE 29		
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, JUNE 30		
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

LENGTH	WIDTH	RIGHT CORNERS	LEFT CORNERS	LONGEST STRAIGHT	LAPS	TOTAL DISTANCE
<b>4.542</b> KM	<b>14</b> M	<b>12</b>	<b>6</b>	<b>487</b> M	<b>26</b>	<b>118.1</b> KM

### RECORDS

**All Time Lap Record**  
 Valentino Rossi (Yamaha, 2015):  
 1m32.627s

**Best lap race**  
 Marc Márquez (Honda, 2015):  
 1m33.617s

**Race duration**  
 Valentino Rossi (Yamaha, 2015):  
 40m54.037s

**Top Speed**  
 Andrea Iannone (Ducati, 2015):  
 319.8Km/h

### 2018 PODIUM

**2018 Pole: M. Márquez (Honda) ⌚ 1m32.791s**

### MICHELIN'S RECORD

**Wins: 33** (1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1984, 1985, 1986, 1987, 1988, 1990, de 1992 à 2007, 2016, 2017, 2018)

**Pole position: 27** (1975, 1976, 1977, 1980, 1981, 1985, 1986, 1987, 1988, 1989, 1990, de 1993 à 2005, 2016, 2017, 2018)

### TYRE SEVERITY RATING



Left . Centre . Right

< Mild Severe >

### DID YOU KNOW?

Assen is Michelin's most successful MotoGP™ circuit. The French tyre brand has won there 33 times since 1975.

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:

"Assen is an extremely technical track and one that we prepare for in a slightly different way. The rear tyre does the majority of the work due to the demands placed upon it through the fast, flowing corners, so all the riders need a good, consistent grip, as what they do in one turn can easily influence the rest of the lap. It is also a circuit where riders like to push for the whole race and with the extra consistency and grip that the tyres are providing this year

with the technology we have introduced into the compounds, we expect them to be able to use the extra drive and durability to produce a close and fast race. Assen is also a track where weather can change quickly and play an important part, so we need to be prepared for that, we have had one wet race there since our return to MotoGP and the tyres worked really well, since then the compounds have improved, so if it is wet we expect an equally close and thrilling race as we are hoping for in the dry."



Explore the modern, spacious city of Assen and the region's megalithic monuments with the Michelin Green Guide Netherlands.



# ENTRY LIST

## MONSTER ENERGY YAMAHA MOTOGP



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

79 5 17 7

### RECORD WITH MICHELIN

5 17 7 (0)



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

330 89 198 55

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

### RECORD WITH MICHELIN

65 123 43 (5)

## REPSOL HONDA TEAM



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

115 48 83 56

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

### RECORD WITH MICHELIN

24 44 26 (3)



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

195 47 114 43

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

### RECORD WITH MICHELIN

8 23 12 (0)

## DUCATI TEAM



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

203 13 55 7

### RECORD WITH MICHELIN

12 26 4 (0)



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

125 1 9 0

### RECORD WITH MICHELIN

1 8 0 (0)

## TEAM SUZUKI ECSTAR



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

39 1 7 0

### RECORD WITH MICHELIN

1 7 0 (0)



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

7 0 0 0

### RECORD WITH MICHELIN

7 0 0 0

## APRILIA RACING TEAM GRESINI



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

153 0 1 2



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

107 1 11 2

### RECORD WITH MICHELIN

1 8 1 (0)

## REALE AVINTIA RACING



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

53 0 0 0



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

109 0 0 0

## PETRONAS YAMAHA SRT



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

23 0 0 0



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

7 0 1 2

### RECORD WITH MICHELIN

0 1 2 (0)

## RED BULL KTM FACTORY RACING



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

43 0 6 4

### RECORD WITH MICHELIN

0 6 4 (0)



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

93 0 1 0

### RECORD WITH MICHELIN

0 1 0 (0)

## LCR HONDA



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

145 3 17 4

### RECORD WITH MICHELIN

3 9 2 (0)



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

25 0 0 0

## PRAMAC RACING

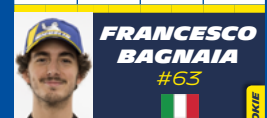


Born: **January 18, 1995**  
Grand Prix debut: **2015, Qatar**

73 1 2 1

### RECORD WITH MICHELIN

1 2 1 (0)



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

7 0 0 0

## RED BULL KTM TECH 3



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

25 0 0 0



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

7 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	3	6	140	20	25	DNF	25	25	20	25														
2	Andrea Dovizioso #4	1	4	103	25	16	13	13	20	16	DNF														
3	Alex Rins #42	1	2	101	13	11	25	20	6	13	13														
4	Danilo Petrucci #9	1	3	98	10	10	10	11	16	25	16														
5	Valentino Rossi #46		2	72	11	20	20	10	11	DNF	DNF														
6	Jack Miller #43		1	53	DNF	13	16	DNF	13	DNF	11														
7	Fabio Quartararo #20		1	51	0	8	9	DNF	8	6	20														
8	Takaaki Nakagami #30			48	7	9	6	7	DNF	11	8														
9	Pol Espargaró #44			47	4	6	8	3	10	7	9														
10	Cal Crutchlow #35		1	42	16	3	DNF	8	7	8	DNF														
11	Maverick Viñales #12		1	40	9	DNF	5	16	DNF	10	DNF														
12	Franco Morbidelli #21			34	5	DNF	11	9	9	DNF	DNF														
13	Aleix Espargaró #41			27	6	7	DNF	5	4	5	DNF														
14	Joan Mir #36			22	8	DNF	0	DNF	0	4	10														
15	Jorge Lorenzo #99			19	3	4	DNF	4	5	3	DNF														
16	Johann Zarco #5			16	1	1	3	2	3	0	6														
17	Miguel Oliveira #88			12	0	5	2	0	1	0	4														
18	Andrea Iannone #29			12	2	0	4	DNF	DNF	1	5														
19	Michele Pirro #51			9	-	-	-	-	-	9	-														
20	Tito Rabat #53			9	0	DNF	1	1	DNF	DNF	7														
21	Francesco Bagnaia #63			9	DNF	2	7	DNF	DNF	DNF	DNF														
22	Stefan Bradl #6			6	-	-	-	6	-	-	-														
23	Sylvain Guintoli #50			3	-	-	-	-	-	-	3														
24	Karel Abraham #17			2	0	DNF	0	0	DNF	2	DNF														
25	Hafizh Syahrin #55			2	0	0	0	0	2	DNF	DNF														
26	Bradley Smith #38			0	DNF	-	-	0	-	-	DNF														

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**



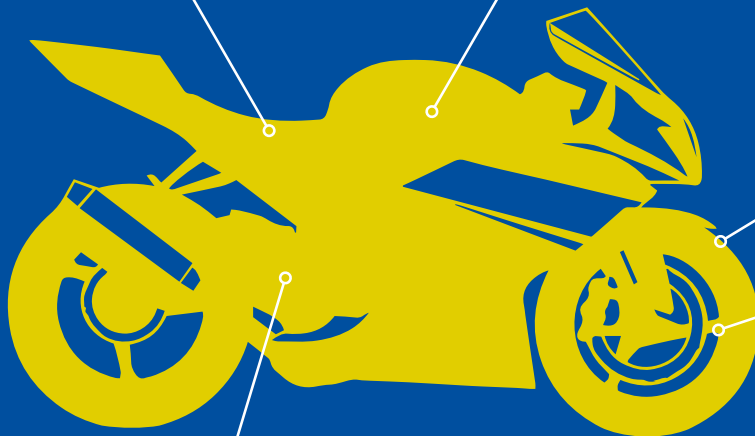
WEIGHT:

**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.

