



RACECARD

2019 MICHELIN MotoGP™

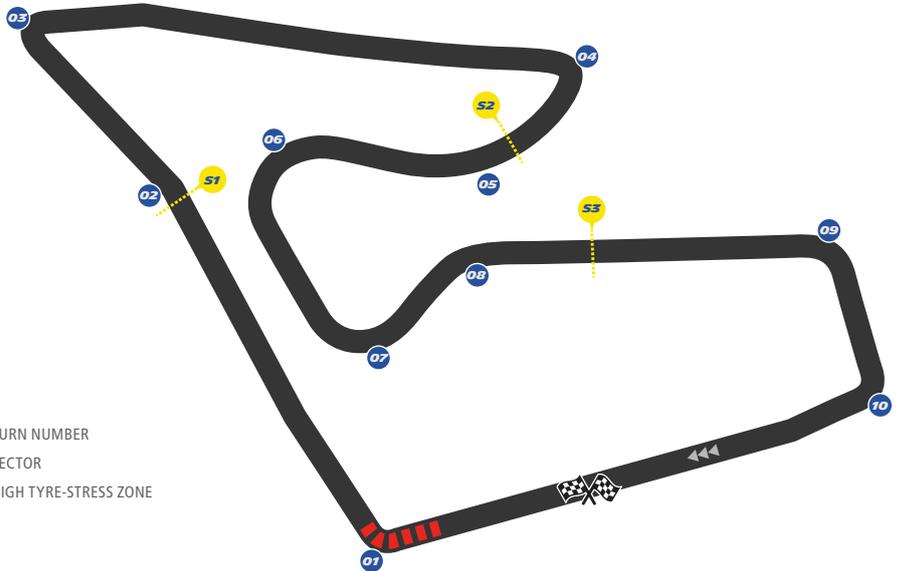


11
MYWORLD
MOTORRAD GRAND
PRIX VON ÖSTERREICH
AUGUST 9»11
2019
 RED BULL RING - SPIELBERG
AUSTRIA



TIMETABLE

| FREE PRACTICE FRIDAY, AUGUST 9 | | |
|--|--------|--------|
| 09:00 - 09:40 | Moto3 | FP1 |
| 09:55 - 10:40 | MotoGP | FP1 |
| 10:55 - 11:35 | Moto2 | FP1 |
| 11:50 - 12:20 | MotoE | FP1 |
| 13:15 - 13:55 | Moto3 | FP2 |
| 14:10 - 14:55 | MotoGP | FP2 |
| 15:10 - 15:50 | Moto2 | FP2 |
| 16:50 - 17:20 | MotoE | FP2 |
| QUALIFYING PRACTICE SATURDAY, AUGUST 10 | | |
| 8:30 - 8:50 | MotoE | FP3 |
| 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 |
| 16:00 | MotoE | E-Pole |
| RACE SUNDAY, AUGUST 11 | | |
| 8:20 - 8:40 | Moto3 | WUP |
| 8:50 - 9:10 | Moto2 | WUP |
| 9:20 - 9:40 | MotoGP | WUP |
| 10:00 | MotoE | RAC |
| 11:00 | Moto3 | RAC |
| 12:20 | Moto2 | RAC |
| 14:00 | MotoGP | RAC |



| LENGTH | WIDTH | RIGHT CORNERS | LEFT CORNERS | LONGEST STRAIGHT | LAPS | TOTAL DISTANCE |
|-----------------|-------------|---------------|--------------|------------------|-----------|-----------------|
| 4.318 KM | 13 M | 7 | 3 | 626 M | 28 | 120.9 KM |

RECORDS

All Time Lap Record

Andrea Iannone (Ducati, 2016):
 1m23.142s

Best lap race

Andrea Dovizioso (Ducati, 2018):
 1m24.277s

Race duration

Jorge Lorenzo (Ducati, 2018):
 39m40.688s

Top Speed

Alvaro Bautista (Ducati, 2017):
 316.5km/h

2018 PODIUM



2 M. Márquez (Honda)
1 J. Lorenzo (Ducati) ⌚ 39m40.688s
3 A. Dovizioso (Ducati)

2018 Pole: M. Márquez (Honda) ⌚ 1m23.241s

MICHELIN'S RECORD

Wins: 3

(2016, 2017, 2018)

Pole positions: 3

(2016, 2017, 2018)

TYRE SEVERITY RATING



Left . Centre . Right

< Mild Severe >

DID YOU KNOW?

The programme of the myWorld Motorrad Grand Prix von Österreich weekend also includes the second round of the FIM Enel Moto™ World Cup!



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:

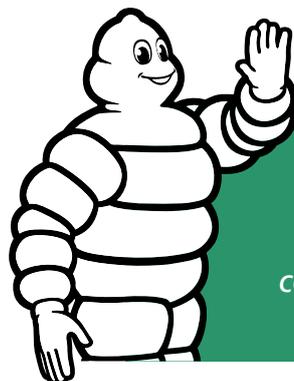
7 Front rain tyres, and 8 Rear rain tyres.



PIERO TARAMASSO

Michelin Motorsport Two-Wheel Manager:

"Spielberg really is a unique track, both from a location and layout point of view. It is one of only two tracks that we need to bring a specially constructed rear tyre to - the other being Buriram in Thailand – because due to all the straights the rear can built up extreme temperatures, so this construction is designed to control the heat. The surface is also very abrasive, but we have the compounds to perform and give good consistency throughout the whole race and a selection of front compounds which will give the riders the control they need in the braking areas. This will also be the second weekend that we have had MotoE, after its debut at Sachsenring last month. Again, we will supply just one compound of tyre for the front and rear and it will be very interesting to see how the bikes perform here at the fastest MotoGP track of the year."



Explore Austria, Styria, Spielberg and the delightful town's lush surrounding countryside with the Michelin Green Guide Austria.



ENTRY LIST

MONSTER ENERGY YAMAHA MOTOGP



MAVERICK VIÑALES
#12

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

82 6 19 7

RECORD WITH MICHELIN

6 19 7 (0)



VALENTINO ROSSI
#46

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

333 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**

118 50 86 58

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

RECORD WITH MICHELIN

26 47 28 (3)



STEFAN BRADL
#6

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

110 0 1 1

DUCATI TEAM



ANDREA DOVIZIOSO
#4

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

206 13 56 7

RECORD WITH MICHELIN

12 27 4 (0)



DANILO PETRUCCI
#9

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

128 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**

42 1 7 0

RECORD WITH MICHELIN

1 7 0 (0)



JOAN MIR
#36

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

10 0 0 0

APRILIA RACING TEAM GRESINI



ALEIX ESPARGARÓ
#41

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

156 0 1 2

RECORD WITH MICHELIN

1 8 1 (0)



ANDREA IANNONE
#29

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

110 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**

56 0 0 0

RECORD WITH MICHELIN

0 6 4 (0)



KAREL ABRAHAM
#17

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

112 0 0 0

PETRONAS YAMAHA SRT



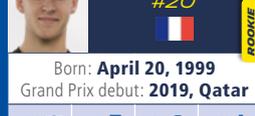
FRANCO MORBIDELLI
#21

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

26 0 0 0

RECORD WITH MICHELIN

0 2 3 (0)



FABIO QUARTARARO
#20

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

10 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**

46 0 6 4

RECORD WITH MICHELIN

0 6 4 (0)



POL ESPARGARÓ
#44

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

96 0 1 0

RECORD WITH MICHELIN

0 1 0 (0)

LCR HONDA



CAL CRUTCHLOW
#35

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

148 3 18 4

RECORD WITH MICHELIN

3 10 2 (0)



TAKAAKI NAKAGAMI
#30

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

28 0 0 0

RECORD WITH MICHELIN

0 0 0 (0)

PRAMAC RACING



JACK MILLER
#43

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

76 1 3 1

RECORD WITH MICHELIN

1 3 1 (0)



FRANCESCO BAGNAIA
#63

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

10 0 0 0

RECORD WITH MICHELIN

0 0 0 (0)

RED BULL KTM TECH 3



HAFIZ SYAHRIN
#55

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

28 0 0 0

RECORD WITH MICHELIN

0 0 0 (0)



MIGUEL OLIVEIRA
#88

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

10 0 0 0

RECORD WITH MICHELIN

0 0 0 (0)



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 | 6 | 9 | 210 | 20 | 25 | DNF | 25 | 25 | 20 | 25 | 20 | 25 | 25 | | | | | | | | | | | |
| 2 | Andrea Dovizioso #4 | 1 | 5 | 147 | 25 | 16 | 13 | 13 | 20 | 16 | DNF | 13 | 11 | 20 | | | | | | | | | | | |
| 3 | Daniilo Petrucci #9 | 1 | 3 | 129 | 10 | 10 | 10 | 11 | 16 | 25 | 16 | 10 | 13 | 8 | | | | | | | | | | | |
| 4 | Alex Rins #42 | 1 | 2 | 114 | 13 | 11 | 25 | 20 | 6 | 13 | 13 | DNF | DNF | 13 | | | | | | | | | | | |
| 5 | Maverick Viñales #12 | 1 | 3 | 91 | 9 | DNF | 5 | 16 | DNF | 10 | DNF | 25 | 20 | 6 | | | | | | | | | | | |
| 6 | Valentino Rossi #46 | | 2 | 90 | 11 | 20 | 20 | 10 | 11 | DNF | DNF | DNF | 8 | 10 | | | | | | | | | | | |
| 7 | Jack Miller #43 | | 2 | 86 | DNF | 13 | 16 | DNF | 13 | DNF | 11 | 7 | 10 | 16 | | | | | | | | | | | |
| 8 | Cal Crutchlow #35 | | 2 | 78 | 16 | 3 | DNF | 8 | 7 | 8 | DNF | 9 | 16 | 11 | | | | | | | | | | | |
| 9 | Fabio Quartararo #20 | | 2 | 76 | 0 | 8 | 9 | DNF | 8 | 6 | 20 | 16 | DNF | 9 | | | | | | | | | | | |
| 10 | Pol Espargaró #44 | | | 61 | 4 | 6 | 8 | 3 | 10 | 7 | 9 | 5 | 4 | 5 | | | | | | | | | | | |
| 11 | Takaaki Nakagami #30 | | | 57 | 7 | 9 | 6 | 7 | DNF | 11 | 8 | DNF | 2 | 7 | | | | | | | | | | | |
| 12 | Franco Morbidelli #21 | | | 52 | 5 | DNF | 11 | 9 | 9 | DNF | DNF | 11 | 7 | DNF | | | | | | | | | | | |
| 13 | Joan Mir #36 | | | 39 | 8 | DNF | 0 | DNF | 0 | 4 | 10 | 8 | 9 | DNF | | | | | | | | | | | |
| 14 | Alex Espargaró #41 | | | 31 | 6 | 7 | DNF | 5 | 4 | 5 | DNF | 4 | DNF | 0 | | | | | | | | | | | |
| 15 | Andrea Iannone #29 | | | 21 | 2 | 0 | 4 | DNS | DNF | 1 | 5 | 6 | 3 | 0 | | | | | | | | | | | |
| 16 | Jorge Lorenzo #99 | | | 19 | 3 | 4 | DNF | 4 | 5 | 3 | DNF | DNS | - | - | | | | | | | | | | | |
| 17 | Johann Zarco #5 | | | 18 | 1 | 1 | 3 | 2 | 3 | 0 | 6 | DNF | DNF | 2 | | | | | | | | | | | |
| 18 | Miguel Oliveira #88 | | | 18 | 0 | 5 | 2 | 0 | 1 | 0 | 4 | 3 | 0 | 3 | | | | | | | | | | | |
| 19 | Francesco Bagnaia #63 | | | 15 | DNF | 2 | 7 | DNF | DNF | DNF | DNF | 2 | 0 | 4 | | | | | | | | | | | |
| 20 | Tito Rabat #53 | | | 14 | 0 | DNF | 1 | 1 | DNF | DNF | 7 | 0 | 5 | 0 | | | | | | | | | | | |
| 21 | Stefan Bradl #6 | | | 13 | - | - | - | 6 | - | - | - | - | 6 | 1 | | | | | | | | | | | |
| 22 | Michele Pirro #51 | | | 9 | - | - | - | - | - | 9 | - | - | - | - | | | | | | | | | | | |
| 23 | Sylvain Guintoli #50 | | | 3 | - | - | - | - | - | - | 3 | - | - | 0 | | | | | | | | | | | |
| 24 | Karel Abraham #17 | | | 3 | 0 | DNF | 0 | 0 | DNF | 2 | DNF | 0 | 1 | 0 | | | | | | | | | | | |
| 25 | Hafizh Syahrin #55 | | | 3 | 0 | 0 | 0 | 0 | 2 | DNF | DNF | 1 | 0 | DNF | | | | | | | | | | | |
| 26 | Bradley Smith #38 | | | 0 | DNF | - | - | 0 | - | - | DNF | - | - | - | | | | | | | | | | | |

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



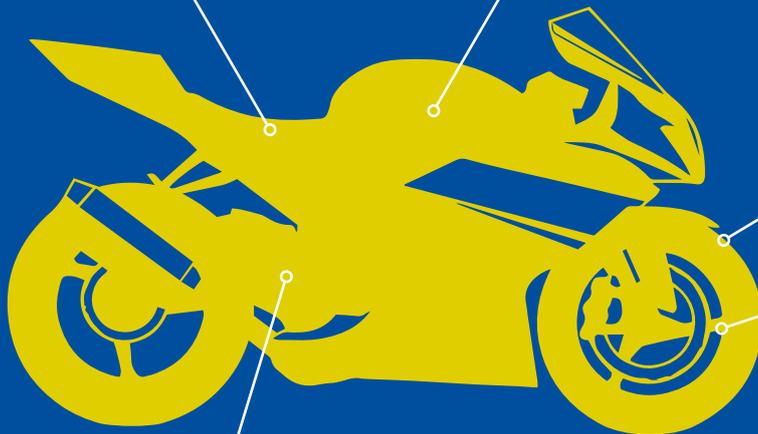
WEIGHT:

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

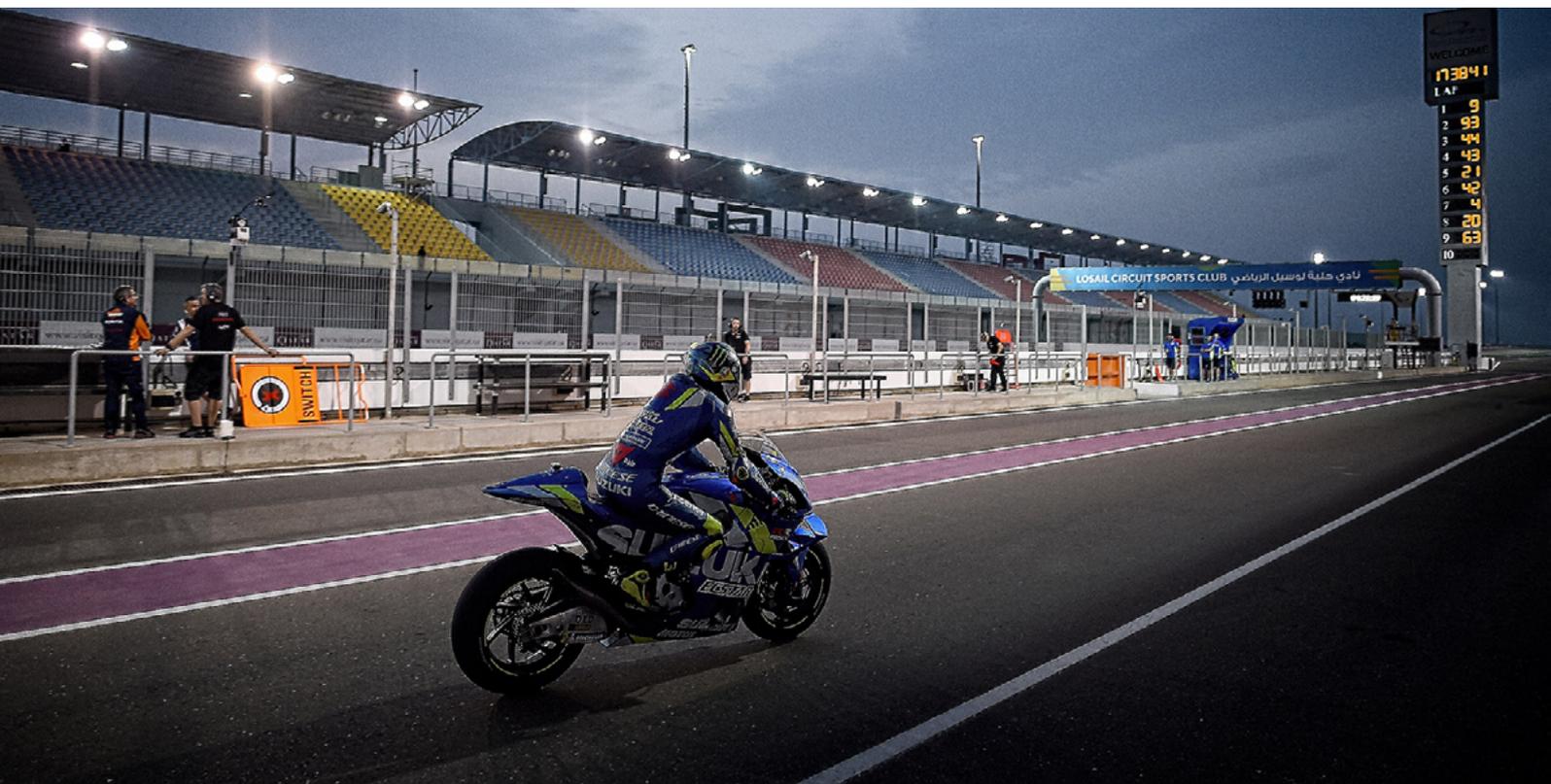
A Ride Through procedure is a penalty where a rider is instructed to ride through the pit-lane – within a maximum speed limit – and can be imposed if he has contravened the regulations, for example, jump-starting before the race has officially commenced.

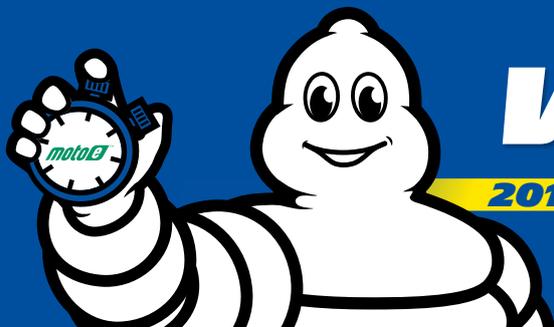
Rookie

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.





WORLD CUP

2019 FIM ENEL MotoE™



CALENDAR

| | | |
|----------------------|--|---|
| 07/07 2019 | | RACE 1 Sachsenring, Germany |
| 11/08 2019 | | RACE 2 Red BullRing, Austria |
| 15/09 2019 | | RACES 3 AND 4 Misano, Italy |
| 17/11 2019 | | RACES 5 AND 6 Valencia, Spain |



Bike: Energica Ego Corsa

Battery capacity: around 20 Kwh

Power: up to 120Kw (around 160 Hp)

Max speed: up to 270km/h

Minimum weight: 260kg



3 TECHNICIANS

TYRES

Michelin provides one type of front and rear slick tyre and one type front and rear rain tyre per race weekend. The specification may change according the track layout. The number of tyres per specification is four front slicks and five rears, with an additional three front rain tyres and four rears.



SLICK TYRE ALLOCATIONS

9 slick tyres:
4 fronts (12/60-17)
and **5 rears** (20/69-17)



RAIN TYRE ALLOCATIONS

7 rain tyres:
3 front and **4 rear**

One compound option per race weekend

Based upon the track layout and expected conditions for each Grand Prix, Michelin will select the most suitable tyre compound option for each race weekend.



✓ Every machine is delivered with 2 sets of tyre warmers for use with slick tyres, and 1 set of tyres warmers for use with rain tyres.



ENTRY LIST

| | | |
|-----------------------------------|------------------------------------|-----------------------------------|
| OCTO PRAMAC MOTOE | LCR E-TEAM | AJO MOTOE |
| JOSH HOOK #16 | RANDY DE PUNIET #14 | NIKI TUULI #66 |
| ALEX DE ANGELIS #5 | NICCOLO CANEPA #7 | EG 0,0 MARC VDS |
| OPENBANK ANGEL NIETO TEAM | TECH3 E-RACING | MIKE DI MEGLIO #63 |
| MARIA HERRERA #6 | HECTOR GARZO #4 | ONE ENERGY RACING |
| NICOLAS TEROL #18 | KENNY FORAY #78 | BRADLEY SMITH #38 |
| AVINTIA ESPONSORAMA RACING | TRENTINO GRESINI MOTOE | JOIN CONTACT PONS RACING |
| XAVIER SIMÉON #19 | MATTEO FERRARI #11 | SETE GIBERNAU #15 |
| ERIC GRANADO #51 | LORENZO SAVADORI #32 | ONGETTA SIC58 SQUADRACORSE |
| | DYNAVOLT INTACT GP | MATTIA CASADEI #27 |
| | JESKO RAFFIN #2 | |

RACE FORMATS

18 riders represent 12 teams, and wildcards are not permitted

PRACTICE

Two practice sessions (30 minutes) on Friday

E-POLE QUALIFYING PRACTICE

Each rider will carry out 3 laps of the circuit (one warm up lap - one timed lap - one slow down lap).

The riders will start one by one, from the end of the pit lane

The starting order of the riders will be the opposite of the combined free practice results

GRID

Grid positions will be based on the fastest time recorded by the riders in the E-Pole qualifying session.

In the case where the E-Pole qualifying session has been cancelled, the grid position will be based on the fastest times recorded by riders in all free practice sessions.

RACE

Riders will complete one sighting lap before taking their position on the grid. There is no warm up lap, once the grid preparations have finished, the red light will go out and the race starts.

Riders on the grid may change tyres to suit the track conditions. Tyre warmers may be used on the grid.

Charging of the battery on the grid is permitted

POINTS-SCORING SYSTEM

All races will count for the Cup classification.

| | | |
|------------------------------|------------------------------|------------------------------|
| 1 st 25 pts | 6 th 10 pts | 11 th 5 pts |
| 2 nd 20 pts | 7 th 9 pts | 12 th 4 pts |
| 3 th 16 pts | 8 th 8 pts | 13 th 3 pts |
| 4 th 13 pts | 9 th 7 pts | 14 th 2 pts |
| 5 th 11 pts | 10 th 6 pts | 15 th 1 pt |

