

RACECARD

2019 MICHELIN MotoGP™



01
VISITQATAR
GRAND PRIX
MARCH, 8»10
2019
 LOSAIL INTERNATIONAL
 CIRCUIT
QATAR

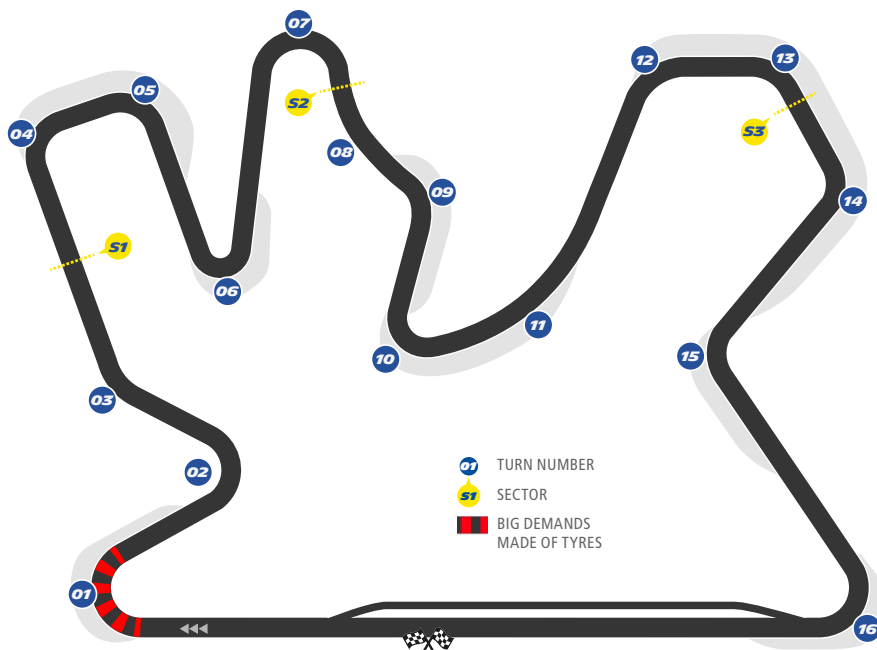


TIMETABLE

| FREE PRACTICE FRIDAY, MARCH 8 | | |
|----------------------------------|-----|--------|
| 13.50-14.30 | FP1 | Moto3 |
| 14.45-15.25 | FP1 | Moto2 |
| 15.40-16.25 | FP1 | MotoGP |
| 18.10-18.50 | FP2 | Moto3 |
| 19.05-19.45 | FP2 | Moto2 |
| 20.00-20.45 | FP2 | MotoGP |

| QUALIFYING PRACTICE SATURDAY, MARCH 9 | | |
|--|-----|--------|
| 13.25-14.05 | FP3 | Moto3 |
| 14.20-15.00 | FP3 | Moto2 |
| 15.15-16.00 | FP3 | MotoGP |
| 17.30-17.45 | QP1 | Moto3 |
| 17.55-18.10 | QP2 | Moto3 |
| 18.25-18.40 | QP1 | Moto2 |
| 18.50-19.05 | QP2 | Moto2 |
| 19.20-19.50 | FP4 | MotoGP |
| 20.00-20.15 | QP1 | MotoGP |
| 20.25-20.40 | QP2 | MotoGP |

| RACE SUNDAY, MARCH 10 | | |
|--------------------------|-----|--------|
| 14.40-15.00 | WUP | Moto3 |
| 15.10-15.30 | WUP | Moto2 |
| 15.40-16.00 | WUP | MotoGP |
| 17.00 | RAC | Moto3 |
| 18.20 | RAC | Moto2 |
| 20.00 | RAC | MotoGP |



| LENGTH | WIDTH | RIGHT CORNERS | LEFT CORNERS | LONGEST STRAIGHT | LAPS | TOTAL DISTANCE |
|---------------|-------------|---------------|--------------|------------------|-----------|-----------------|
| 5.4 KM | 12 M | 10 | 6 | 1068 M | 22 | 118.4 KM |

RECORDS

All Time Lap Record
 Johann Zarco (Yamaha, 2018):
 1m53.680s

Best Race Lap
 Jorge Lorenzo (Yamaha, 2016)
 1m54.927s

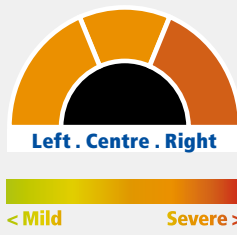
Race duration
 Jorge Lorenzo (Yamaha, 2016),
 42m28.452s

Top Speed
 Danilo Petrucci (Ducati, 2018),
 351.9 Km/h

2018 PODIUM

2 M. Márquez (Honda)
1 A. Dovizioso (Ducati) 42m34.654s
3 V. Rossi (Yamaha)
 Pole 2018: J. Zarco (Yamaha), 1m53.680s

TYRE SEVERITY RATING



DID YOU KNOW?

Sete Gibernau (Honda/Michelin) won the very first Qatar Grand Prix to count towards the MotoGP™ World Championship. That race – on Saturday, October 2, 2004 – took place in daylight.

MICHELIN'S RECORD

Wins: 6
 (2004, 2005, 2006, 2016, 2017, 2018)

Pole positions: 7
 (2004, 2006 to 2008, 2016, 2017, 2018)

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:

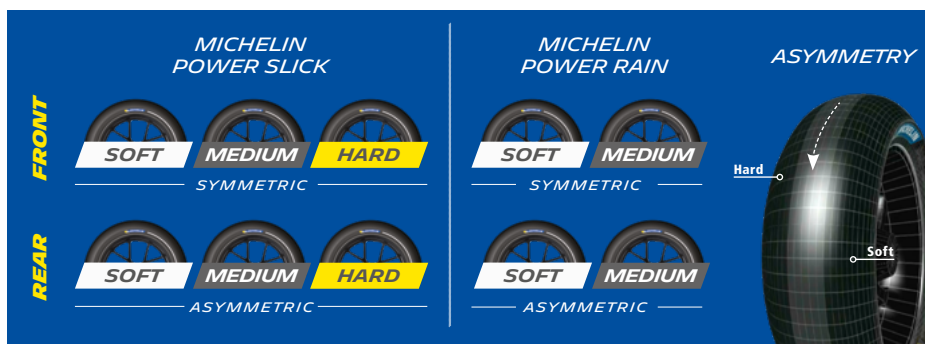
7 Front rain tyres,
and 8 Rear rain tyres.



PIERO TARAMASSO,

Michelin Motorsport Two-Wheel Manager:

We have had a very successful off-season, as we introduced some new slick compounds that we had been developing and the riders were very pleased with the performance, so these have been added to the range for 2019. These are aimed more at European tracks, but we have added them to the allocation at Losail as we believe they are ideal for what that track has to offer. We are looking forward to the new season, there are new riders, bikes, and teams that have changed manufacturers, so there is a huge amount for all of our technicians to work on. We are up for the challenge and everyone is ready to get back into the racing environment. Losail has been a good track for Michelin since we returned, even though it is a very unique circuit with particular demands, so we are determined to push the performance on again this year, as we plan to do at every track we visit.



ENTRY LIST

MONSTER ENERGY YAMAHA MOTOGP



MAVERICK VIÑALES
#12

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

72 🏁 5 🏆 16 🏅 6 🏆

World titles: 0

RECORD WITH MICHELIN

5 🏆 16 🏅 6 🏆 (0)



VALENTINO ROSSI
#46

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

323 🏁 89 🏆 196 🏅 55 🏆

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

RECORD WITH MICHELIN

65 🏆 121 🏅 43 🏆 (5)

REPSOL HONDA TEAM



MARC MÁRQUEZ
#93

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

108 🏁 44 🏆 77 🏅 52 🏆

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

RECORD WITH MICHELIN

20 🏆 38 🏅 22 🏆 (3)



JORGE LORENZO
#99

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

188 🏁 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**

196 🏁 12 🏆 51 🏅 7 🏆

RECORD WITH MICHELIN

11 🏆 22 🏅 4 🏆 (0)



DANILO PETRUCCI
#9

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

118 🏁 0 🏆 6 🏅 0 🏆

RECORD WITH MICHELIN

0 🏆 5 🏅 0 🏆 (0)

TEAM SUZUKI ECSTAR



ALEX RINS
#42

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

32 🏁 0 🏆 5 🏅 0 🏆

RECORD WITH MICHELIN

0 🏆 5 🏅 0 🏆 (0)



JOAN MIR
#36

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

0 🏁 0 🏆 0 🏅 0 🏆

RECORD WITH MICHELIN

0 🏆 0 🏅 0 🏆 (0)

APRILIA RACING TEAM GRESINI



ALEIX ESPARGARO
#41

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

146 🏁 0 🏆 1 🏅 2 🏆

RECORD WITH MICHELIN

0 🏆 0 🏅 0 🏆 (0)



ANDREA IANNONE
#29

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

101 🏁 1 🏆 11 🏅 2 🏆

RECORD WITH MICHELIN

1 🏆 8 🏅 1 🏆 (0)



BRADLEY SMITH
#38

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

103 🏁 0 🏆 2 🏅 0 🏆

RECORD WITH MICHELIN

0 🏆 2 🏅 0 🏆 (0)

REALE AVINTIA RACING



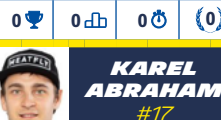
TITO RABAT
#53

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

46 🏁 0 🏆 0 🏅 0 🏆

RECORD WITH MICHELIN

0 🏆 0 🏅 0 🏆 (0)



KAREL ABRAHAM
#17

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

102 🏁 0 🏆 0 🏅 0 🏆

RECORD WITH MICHELIN

0 🏆 0 🏅 0 🏆 (0)

PETRONAS YAMAHA SRT



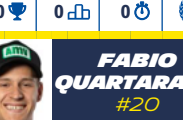
FRANCO MORBIDELLI
#21

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

16 🏁 0 🏆 0 🏅 0 🏆

RECORD WITH MICHELIN

0 🏆 0 🏅 0 🏆 (0)



FABIO QUARTARARO
#20

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

0 🏁 0 🏆 0 🏅 0 🏆

RECORD WITH MICHELIN

0 🏆 0 🏅 0 🏆 (0)

RED BULL KTM FACTORY RACING



JOHANN ZARCO
#5

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

36 🏁 0 🏆 6 🏅 4 🏆

RECORD WITH MICHELIN

0 🏆 6 🏅 4 🏆 (0)



POL ESPARGARO
#44

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

86 🏁 0 🏆 1 🏅 0 🏆

RECORD WITH MICHELIN

0 🏆 1 🏅 0 🏆 (0)

LCR HONDA



CAL CRUTCHLOW
#35

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

138 🏁 3 🏆 16 🏅 4 🏆

RECORD WITH MICHELIN

3 🏆 8 🏅 2 🏆 (0)



TAKAAKI NAKAGAMI
#30

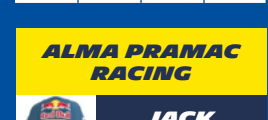
Born: **February 9, 1992**
Grand Prix debut: **2018, Qatar**

18 🏁 0 🏆 0 🏅 0 🏆

RECORD WITH MICHELIN

0 🏆 0 🏅 0 🏆 (0)

ALMA PRAMAC RACING



JACK MILLER
#43

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

66 🏁 1 🏆 1 🏅 1 🏆

RECORD WITH MICHELIN

1 🏆 1 🏅 1 🏆 (0)



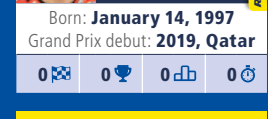
FRANCESCO BAGNAIA
#63

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

0 🏁 0 🏆 0 🏅 0 🏆

RECORD WITH MICHELIN

0 🏆 0 🏅 0 🏆 (0)



FRANCESCO BAGNAIA
#63

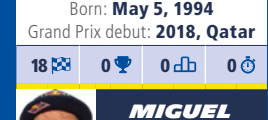
Born: **January 14, 1997**
Grand Prix debut: **2019, Qatar**

0 🏁 0 🏆 0 🏅 0 🏆

RECORD WITH MICHELIN

0 🏆 0 🏅 0 🏆 (0)

RED BULL KTM TECH 3



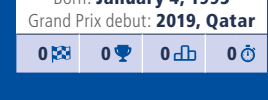
HAFIZH SYAHRIN
#55

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

18 🏁 0 🏆 0 🏅 0 🏆

RECORD WITH MICHELIN

0 🏆 0 🏅 0 🏆 (0)



MIGUEL OLIVEIRA
#88

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

0 🏁 0 🏆 0 🏅 0 🏆



RACE STARTS



WINS



PODIUMS



POLES



WORLD TITLES



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



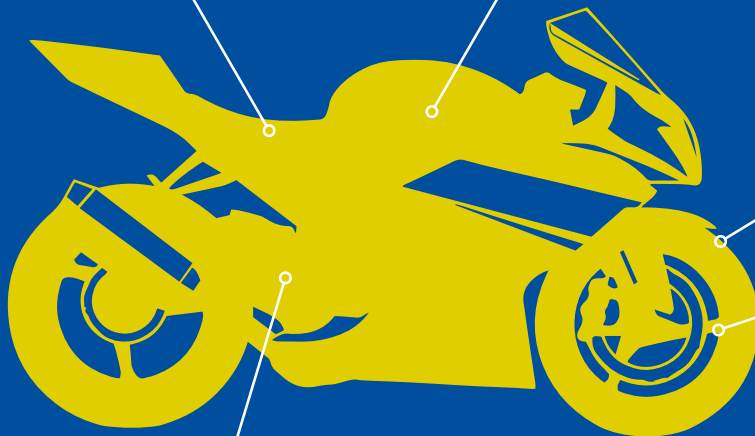
WEIGHT:

157 KG



MAXIMUM FUEL TANK CAPACITY:

22 LITRES



ENGINE DISPLACEMENT:

1,000 cc

4
stroke

POWER:

240 HP

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**



2019 CALENDAR

10/03
2019



QATAR GP
Losail

31/03
2019



ARGENTINA GP
Termas de Río Hondo

14/04
2019



AMERICAS GP
Austin

5/05
2019



SPANISH GP
Jerez

19/05
2019



FRENCH GP
Le Mans

02/06
2019



ITALIAN GP
Mugello

16/06
2019



CATALUNYA GP
Barcelona

30/06
2019



DUTCH GP
Assen

07/07
2019



GERMAN GP
Sachsenring

04/08
2019



CZECH GP
Brno

11/08
2019



AUSTRIAN GP
Red Bull Ring

25/08
2019



BRITISH GP
Silverstone

15/09
2019



SAN MARINO GP
Misano

22/09
2019



ARAGON GP
MotorLand Aragón

06/10
2019



THAI GP
Buriram

20/10
2019



JAPANESE GP
Motegi

27/10
2019



AUSTRALIAN GP
Phillip Island

03/11
2019



MALAYSIAN GP
Sepang

17/11
2019



VALENCIA GP
Valencia





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.

