

RACEGUIDE

2024 MICHELIN MotoGP™



15 PERTAMINA GRAND PRIX OF INDONESIA SEPTEMBER 27-29

TIMETABLE

FRIDAY, SEPTEMBER 27

10:45am-11:30am **Free practice 1**

3:00pm-4:00pm **Practice**

SATURDAY, SEPTEMBER 28

10:10am-10:40am **Free practice 2**

10:50am-11:05am **Qualifying practice 1**

11:15am-11:30am **Qualifying practice 2**

3:00pm **Sprint race**
(13 laps)

SUNDAY, SEPTEMBER 29

10:40am-10:50am **Warm-up**

3:00pm **Race**
(27 laps)



LOCAL TIME - GMT+7 - SOURCE: motogp.com - information subject to change



MotoGP™ MICHELIN'S RECORD



519
WINS

34
TITLES
RIDERS WORLD
CHAMPION
(1976-2023)



PERTAMINA MANDALIKA INTERNATIONAL CIRCUIT

27
LAPS

TOTAL DISTANCE
116.13 KM

MAXIMUM
LEAN ANGLE
60°
TURN 10



| | | | | |
|---------------------------|----------------------|--------------------------|----------------------------|----------------------------------|
| LENGTH 4.301 KM | WIDTH 15 M | LEFT CORNERS 6 | RIGHT CORNERS 11 | LONGEST STRAIGHT 507 M |
|---------------------------|----------------------|--------------------------|----------------------------|----------------------------------|

TIRE SEVERITY RATING



Severe > < Mild

MOST SUCCESSFUL RIDERS WITH MICHELIN IN MotoGP™ CLASS

1 WIN

M. Oliveira, F. Bagnaia

MICHELIN RECORDS



2023 PODIUM



2

M. Viñales
(Aprilia)



1

F. Bagnaia
(Ducati)



🕒 **41'20.293**

3

F. Quartararo
(Yamaha)



Pole 2023: M. Marini (Ducati) 🕒 1'29.978

Sprint: J. Martin (Ducati) 🕒 19'49.711

RECORDS

| | | |
|---------------------|-------------------------------------|-------------|
| All Time Lap Record | L. Marini (Ducati, 2023) | 🕒 1'29.978 |
| Best race lap | E. Bastianini (Ducati, 2023) | 🕒 1'30.906 |
| Top Speed | J. Martin (Ducati, 2023) | 🏎️ 316.7kph |
| Race duration | F. Bagnaia (Ducati, 2023) | 🕒 41'20.293 |





PIERO TARAMASSO
 Michelin Motorsport
 Two-Wheel Manager

**WE KNOW THE
 VERSATILITY AND
 CONSISTENCY
 OF OUR TIRES
 WILL BE PUT TO
 THE TEST**

This is the third time we have been to Mandalika, a circuit whose specific nature we are now well aware of. We know that the track is very demanding due to its series of bends which create a lot of acceleration and braking forces, and we know the versatility and consistency of our tires will be put to the test, especially as the weather conditions are often difficult. Last year, the track temperature regularly exceeded 60°C, both on Saturday during the Tissot Sprint and on Sunday for the Grand Prix. Knowing that they could count on the performance of our tires at all times, the riders were able to base their choice on the distance to be covered. The majority preferred Soft tires front and rear for the 13-lap Tissot Sprint, while some switched to Medium or even Hard compounds for the 27-lap Grand Prix. Taking into account the data collected, and in order to offer them the same range of possibilities, we have chosen a tire package based on the compounds used last season.

**MICHELIN
 POWER SLICK**

**MICHELIN
 POWER RAIN**



**ASYMMETRY
 ON RIGHT**



ENTRY LIST



DUCATI LENOVO TEAM

FRANCESCO BAGNAIA / **ENEA BASTIANINI**

| | | | | |
|----|------------------|---------------|----|----|
| 1 | DÉPARTS | 100 | 64 | 23 |
| | | VICTOIRES | 25 | |
| 8 | VICTOIRES SPRINT | 8 | 1 | 2 |
| | | PODIUMS | 45 | |
| 21 | POLES | 21 | 2 | 2 |
| | | TITRE MONDIAL | 2 | |

Born: 14/01/1997
Grand Prix debut: 2019, Qatar

Born: 30/12/1997
Grand Prix debut: 2021, Qatar



MONSTER ENERGY YAMAHA MotoGP™ TEAM

FABIO QUARTARARO / **ALEX RINS**

| | | | | |
|----|------------------|---------------|-----|----|
| 20 | DÉPARTS | 105 | 118 | 42 |
| | | VICTOIRES | 11 | |
| 0 | VICTOIRES SPRINT | 0 | 0 | 0 |
| | | PODIUMS | 31 | |
| 16 | POLES | 16 | 0 | 0 |
| | | TITRE MONDIAL | 1 | |

Born: 20/04/1999
Grand Prix debut: 2019, Qatar

Born: 8/12/1995
Grand Prix debut: 2017, Qatar



LCR HONDA MotoGP™

JOHANN ZARCO / **TAKAAKI NAKAGAMI**

| | | | | |
|---|------------------|---------------|-----|----|
| 5 | DÉPARTS | 138 | 116 | 30 |
| | | VICTOIRES | 1 | |
| 0 | VICTOIRES SPRINT | 0 | 0 | 0 |
| | | PODIUMS | 21 | |
| 8 | POLES | 8 | 1 | 0 |
| | | TITRE MONDIAL | 0 | |

Born: 16/07/1990
Grand Prix debut: 2017, Qatar

Born: 8/02/1992
Grand Prix debut: 2018, Qatar



REPSOL HONDA TEAM

JOAN MIR / **LUCA MARINI**

| | | | | |
|----|------------------|---------------|----|----|
| 36 | DÉPARTS | 94 | 68 | 10 |
| | | VICTOIRES | 1 | |
| 0 | VICTOIRES SPRINT | 0 | 0 | 0 |
| | | PODIUMS | 13 | |
| 0 | POLES | 0 | 2 | 0 |
| | | TITRE MONDIAL | 1 | |

Born: 1/09/1997
Grand Prix debut: 2019, Qatar

Born: 10/08/1997
Grand Prix debut: 2022, Qatar



APRILIA RACING

ALEIX ESPARGARÓ / **MAVERICK VIÑALES**

| | | | | |
|----|------------------|---------------|-----|----|
| 41 | DÉPARTS | 249 | 174 | 12 |
| | | VICTOIRES | 3 | |
| 2 | VICTOIRES SPRINT | 2 | 2 | 0 |
| | | PODIUMS | 11 | |
| 7 | POLES | 7 | 15 | 0 |
| | | TITRE MONDIAL | 0 | |

Born: 30/07/1989
Grand Prix debut: 2009, Indianapolis

Born: 12/01/1995
Grand Prix debut: 2015, Qatar



RED BULL KTM FACTORY RACING

BRAD BINDER / **JACK MILLER**

| | | | | |
|----|------------------|---------------|------|---|
| 33 | DÉPARTS | 85 | 1710 | 0 |
| | | VICTOIRES | 2 | |
| 2 | VICTOIRES SPRINT | 2 | 0 | 0 |
| | | PODIUMS | 11 | |
| 0 | POLES | 0 | 2 | 0 |
| | | TITRE MONDIAL | 0 | |

Born: 11/08/1995
Grand Prix debut: 2020, Spain

Born: 18/01/1995
Grand Prix debut: 2015, Qatar



PERTAMINA ENDURO VR46 MotoGP™ TEAM

MARCO BEZZECCHI / **FABIO DI GIANNANTONIO**

| | | | | |
|----|------------------|---------------|----|----|
| 12 | DÉPARTS | 54 | 53 | 49 |
| | | VICTOIRES | 3 | |
| 1 | VICTOIRES SPRINT | 1 | 0 | 0 |
| | | PODIUMS | 9 | |
| 4 | POLES | 4 | 1 | 0 |
| | | TITRE MONDIAL | 0 | |

Born: 12/11/1998
Grand Prix debut: 2022, Qatar

Born: 10/10/1998
Grand Prix debut: 2022, Qatar



GRESINI RACING MotoGP™

MARC MÁRQUEZ / **ÁLEX MÁRQUEZ**

| | | | | |
|----|------------------|---------------|-----|----|
| 93 | DÉPARTS | 183 | 83 | 73 |
| | | VICTOIRES | 61 | |
| 1 | VICTOIRES SPRINT | 1 | 2 | 0 |
| | | PODIUMS | 108 | |
| 66 | POLES | 66 | 1 | 0 |
| | | TITRE MONDIAL | 6 | |

Born: 17/02/1993
Grand Prix debut: 2013, Qatar

Born: 23/04/1996
Grand Prix debut: 2020, Spain



TRACKHOUSE RACING

MIGUEL OLIVEIRA / **RÁUL FERNÁNDEZ**

| | | | | |
|----|------------------|---------------|----|----|
| 88 | DÉPARTS | 98 | 51 | 25 |
| | | VICTOIRES | 5 | |
| 0 | VICTOIRES SPRINT | 0 | 0 | 0 |
| | | PODIUMS | 7 | |
| 1 | POLES | 1 | 0 | 0 |
| | | TITRE MONDIAL | 0 | |

Born: 4/01/1995
Grand Prix debut: 2019, Qatar

Born: 23/10/2000
Grand Prix debut: 2022, Qatar



PRIMA PRAMAC RACING

JORGE MARTÍN / **FRANCO MORBIDELLI**

| | | | | |
|----|------------------|---------------|-----|----|
| 89 | DÉPARTS | 68 | 116 | 21 |
| | | VICTOIRES | 7 | |
| 14 | VICTOIRES SPRINT | 14 | 0 | 0 |
| | | PODIUMS | 26 | |
| 18 | POLES | 18 | 2 | 0 |
| | | TITRE MONDIAL | 0 | |

Born: 29/01/1998
Grand Prix debut: 2021, Qatar

Born: 4/12/1994
Grand Prix debut: 2018, Qatar



RED BULL GASGAS TECHS

AUGUSTO FERNÁNDEZ / **PEDRO ACOSTA**

| | | | | |
|----|------------------|---------------|----|----|
| 37 | DÉPARTS | 37 | 14 | 31 |
| | | VICTOIRES | 0 | |
| 0 | VICTOIRES SPRINT | 0 | 0 | 0 |
| | | PODIUMS | 0 | |
| 0 | POLES | 0 | 0 | 0 |
| | | TITRE MONDIAL | 0 | |

Born: 23/09/1997
Grand Prix debut: 2023, Portugal

ROOKIE
Born: 25/05/2004
Grand Prix debut: 2024, Qatar

*2019, 2018, 2017, 2016, 2014, 2013

FACTS

15,000



The number of kilometres covered by a rider during a season (races and practice)



22

slick tires a rider can use

during a grand prix weekend (free practice, qualifying, warm-up and race)



MINIMUM PRESSURE FOR A TIRE

Front slick

1,8 BAR

Rear slick

1,68 BAR

Front rain

2,0 BAR

Rear rain

1,7 BAR



THE OPERATING TEMPERATURE

Front slick

100°C

Rear slick

120°C

MICHELIN'S MotoGP™ RACE STAFF*



2 DEVELOPERS



6 TECHNICIANS



10 FITTERS

1 MANAGER



**1 COORDINATOR AND
MotoE™ MANAGER**



2 PRESS OFFICERS



**3 MARKETING /
COMMUNICATION**

*ONLY A PART OF THE MotoGP™ TEAM TRAVELS TO EACH RACE.



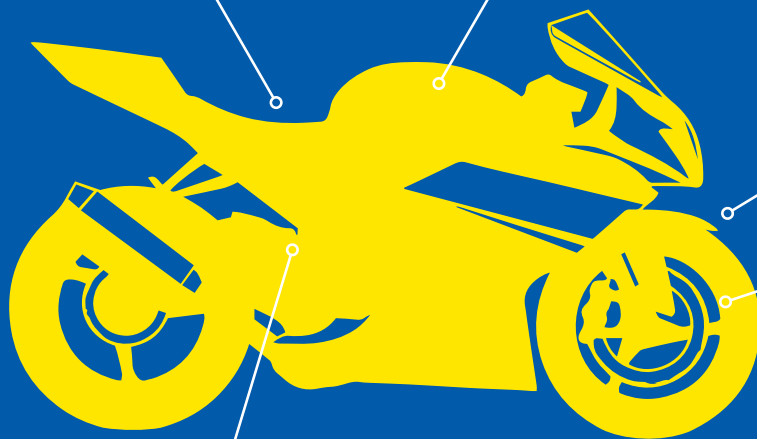
WEIGHT:

157 KG



MAXIMUM FUEL TANK CAPACITY:

22 LITRES



ENGINE DISPLACEMENT:

1,000 cc

4
stroke

POWER:

240 HP

TIRES



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**



2024 CALENDAR

| | | | |
|----|---|--------------|-----------------------------|
| 1 |  QATAR <i>Losail International Circuit</i> | | MARCH 8-10 |
| 2 |  PORTUGAL <i>Autódromo Internacional do Algarve</i> | <i>motoE</i> | MARCH 22-24 |
| 3 |  USA <i>Circuit Of The Americas</i> | | APRIL 12-14 |
| 4 |  SPAIN <i>Circuito de Jerez / Angel Nieto</i> | | APRIL 26-28 |
| 5 |  FRANCE <i>Le Mans</i> | <i>motoE</i> | MAY 10-12 |
| 6 |  CATALONIA <i>Circuit de Barcelona/Catalunya</i> | <i>motoE</i> | MAY 24-26 |
| 7 |  ITALY <i>Autodromo Internazionale del Mugello</i> | <i>motoE</i> | MAY JUNE 31-2 |
| 8 |  NETHERLANDS <i>TT Circuit Assen</i> | <i>motoE</i> | JUNE 28-30 |
| 9 |  GERMANY <i>Sachsenring</i> | <i>motoE</i> | JULY 5-7 |
| 10 |  GREAT-BRITAIN <i>Silverstone Circuit</i> | | AUGUST 2-4 |
| 11 |  AUSTRIA <i>Red Bull Ring / Spielberg</i> | <i>motoE</i> | AUGUST 16-18 |
| 12 |  ARAGÓN <i>MotorLand Aragón</i> | | AUGUST SEPT. 30-1 |
| 13 |  SAN MARINO <i>Misano World Circuit Marco Simoncelli</i> | <i>motoE</i> | SEPTEMBER 6-8 |
| 14 |  EMILIA-ROMAGNA <i>Misano World Circuit Marco Simoncelli</i> | | SEPTEMBER 20-22 |
| 15 |  INDONESIA <i>Pertamina Mandalika Circuit</i> | | SEPTEMBER 27-29 |
| 16 |  JAPAN <i>Twin Ring Motegi</i> | | OCTOBER 4-6 |
| 17 |  AUSTRALIA <i>Phillip Island</i> | | OCTOBER 18-20 |
| 18 |  THAILAND <i>Chang International Circuit</i> | | OCTOBER 25-27 |
| 19 |  MALAYSIA <i>Sepang International Circuit</i> | | NOVEMBER 1-3 |
| 20 |  VALENCIA <i>Circuit Ricardo Tormo</i> | | NOVEMBER 15-17 |

2024 TIRE REGULATIONS

ALLOCATION PER RACE:

22
POWER "SLICK"

10 front slicks



12 rear slicks

7 A specification



+ 5 B specification



Riders who participate in both Q1 and Q2:

- ✓ 1 MICHELIN Front Power Slick (of the specification the riders prefer)
- ✓ 1 MICHELIN Rear Power Slick, spec A

13
POWER RAIN :

6 front Power Rain
of 2 specifications



7 rear Power Rain
of 2 specifications



In the case that any 3 of the 5 sessions, being P1, P2, Free Practice, one Qualifying session, and the Sprint (always excluding warm-up), are declared wet, one more set of rain tires will be allocated to every rider, and the allocation automatically becomes: 7 Front rain tires, and 8 Rear rain tires.

**TOTAL NUMBER
OF TIRES PER RACE**
1,100





MICHELIN'S MotoGP™ RANGE 2024 **SEASON**

MICHELIN POWER SLICK

FRONT



SOFT

MEDIUM

HARD

REAR



MICHELIN POWER RAIN

FRONT



SOFT

MEDIUM

REAR



FROM TRACK TO STREET

MotoGP™ TIRE RANGE

**MICHELIN
POWER SLICK**

SOFT MEDIUM HARD



**MICHELIN
POWER RAIN**

SOFT MEDIUM



CUSTOMER RACING

**MICHELIN POWER
PERFORMANCE**

SLICK CUP 24



TRACK DAY

**MICHELIN
POWER SLICK 2**



**MICHELIN
POWER CUP 2**



**MICHELIN
POWER GP 2**



COMMERCIAL TIRE RANGE

MICHELIN POWER 6



MICHELIN ROAD 6



MICHELIN CITY GRIP 2



Whatever type of vehicle you use, you too can put your trust in Michelin to enjoy enhanced traveling pleasure in complete safety.

ENJOY ALL OUR LATEST TIRE RANGES


**MICHELIN
PILOT SPORT 5**




**MICHELIN
POWER CUP**



OFFICIAL GRIP SUPPLIER



MICHELIN POWER

The winning tire range with over 500 victories and 34 world titles in the Premier Class (MotoGP™/ 500cc) since 1973!
You too can benefit from the grip of the MICHELIN Power tires on the road.

#MICHELINPower #GripMadeToLast



From left to right, MICHELIN Power MotoGP™, MICHELIN Power Cup², MICHELIN Power 6P², MICHELIN Power 6

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