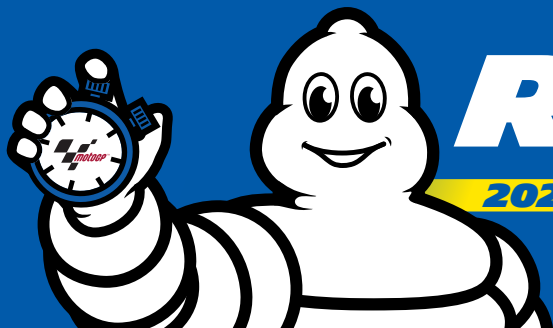




RACEGUIDE

2023 MICHELIN MotoGP™



13 INDIANOIL GRAND PRIX OF INDIA

SEPTEMBER 22-24



TIMETABLE



FRIDAY, SEPTEMBER 22

11:45am - 12:55am	Free practice 1
4:00pm - 5:10pm	Practice

SATURDAY, SEPTEMBER 23

10:40am - 11:10am	Free Practice 2
11:20am - 11:35am	Qualifying practice 1
11:45am - 12:00am	Qualifying practice 2
3:30pm	Sprint race - 12 laps

SUNDAY, SEPTEMBER 24

11:10am - 11:20am	Warm-up
3:30pm	Race - 24 laps

LOCAL TIME - SOURCE: motogp.com
Information subject to change



BUDDH INTERNATIONAL CIRCUIT

- 01 TURN NUMBER
- 01 SECTOR
- High TIRE-STRESS ZONE

TIRE SEVERITY RATING



Severe > < Mild

24 LAPS



TOTAL DISTANCE
118.97 km

LENGTH	WIDTH	LEFT CORNERS	RIGHT CORNERS	LONGEST STRAIGHT
4.960 km	12 m	5	8	1,006 m



2023 TIRE REGULATIONS

ALLOCATION PER RACE:

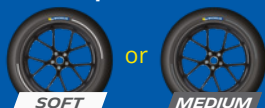
22
POWER "SLICK"

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

PIERO TARMASSO

Michelin Motorsport
Two-Wheel Manager

WE EXPECT VERY DEMANDING CONDITIONS FOR THE REAR TIRES

The discovery of this circuit will be the same for our partners as it will be for us. It's a very interesting situation because everyone is starting from zero and the strategy adopted at the start of the event will be crucial. For our part, we carried out computer simulations to try to assimilate the thermal stresses and select the best compounds, but it is clear that physical tests will be essential to refine the set-up of the motorcycles. This is the only time this season that we will race without benefiting from any prior data. The analyses

that we have made of this circuit show similarities with the Red Bull Ring, in Spielberg (Austria), or Buriram (Thailand). As a result, we expect very demanding conditions for the rear tires, and particularly on the right side. As the regulations allow, we will bring an additional compound for the front and rear. To meet the expected demands, we have selected symmetrical tires for the front, and asymmetrical at the rear - which will be reinforced on the right side. We can't wait to get there and see the first bikes out on track!



MotoGP™ MICHELIN'S RECORD

497
WINS

33 RIDERS WORLD
TITLES CHAMPION
(1976-2022)



ENTRY LIST

MONSTER ENERGY YAMAHA MOTOGP



**FABIO
QUARTARARO**
#20

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

83 11 29 16

World title: (1)

RECORD WITH MICHELIN

11 29 16 (1)



**FRANCO
MORBIDELLI**
#21

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

94 3 6 2

RECORD WITH MICHELIN

3 6 2 (0)

GRESINI RACING MOTOGP™



**FABIO DI
GIANNANTONIO**
#49

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

32 0 0 1

RECORD WITH MICHELIN

0 0 1 (0)



**ALEX
MÁRQUEZ**
#73

Born: April 23, 1996
Grand Prix debut: 2020, Spain

64 0 3 1

RECORD WITH MICHELIN

0 3 1 (0)

DUCATI LENOVO TEAM



**FRANCESCO
BAGNAIA**
#1

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

79 16 28 17

World title: (1)

RECORD WITH MICHELIN

16 28 17 (1)



**MICHELE
PIRRO**
#51

Born: July 5, 1986
Grand Prix debut: 2012, Qatar

64 0 0 0

RECORD WITH MICHELIN

64 0 0 0

LCR HONDA



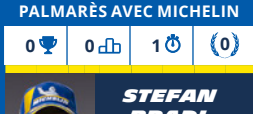
**TAKAAKI
NAKAGAMI**
#30

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

94 0 0 1

PALMARÈS AVEC MICHELIN

0 0 1 (0)



**STEFAN
BRADL**
#6

Born: November 29, 1989
Grand Prix debut: 2015, Qatar

123 0 1 1

REPSOL HONDA TEAM



**MARC
MÁRQUEZ**
#93

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

161 59 100 64

World titles: (6)

RECORD WITH MICHELIN

35 61 34 (4)



**JOAN
MIR**
#36

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

73 1 13 0

World title: (1)

RECORD WITH MICHELIN

1 13 0 (1)



**BRAD
BINDER**
#33

Born: August 11, 1995
Grand Prix debut: 2020, Spain

63 2 8 0

RECORD WITH MICHELIN

2 8 0 (0)



**JACK
MILLER**
#43

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

149 4 23 2

RECORD WITH MICHELIN

4 23 2 (0)

MOONEY VR46 RACING TEAM



**LUCAS
MARINI**
#10

Born: August 10, 1997
Grand Prix debut: 2021, Qatar

49 0 1 0

RECORD WITH MICHELIN

0 1 0 (0)



**MARCO
BEZZECCHI**
#72

Born: November 12, 1998
Grand Prix debut: 2022, Qatar

32 2 7 3

RECORD WITH MICHELIN

2 7 3 (0)

APRILIA RACING



**ALEIX
ESPARGARÓ**
#41

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

229 3 11 5

RECORD WITH MICHELIN

3 10 3 (0)



**MAVERICK
VIÑALES**
#12

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

152 9 33 13

RECORD WITH MICHELIN

9 33 13 (0)

PRIMA PRAMAC RACING



**JOHANN
ZARCO**
#5

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

116 0 19 8

RECORD WITH MICHELIN

0 19 8 (0)



**JORGE
MARTIN**
#89

Born: January 29, 1998
Grand Prix debut: 2021, Qatar

46 3 13 10

RECORD WITH MICHELIN

3 13 10 (0)

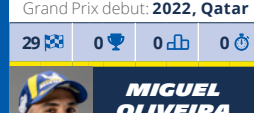
RNF MOTOGP™ TEAM



**RAUL
FERNÁNDEZ**
#25

Born: October 23, 2000
Grand Prix debut: 2022, Qatar

29 0 0 0



**MIGUEL
OLIVEIRA**
#88

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

78 5 7 1

RECORD WITH MICHELIN

5 7 1 (0)



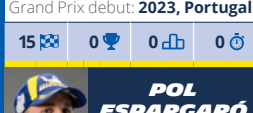
**AUGUSTO
FERNÁNDEZ**
#37

Born: September 23, 1997
Grand Prix debut: 2023, Portugal

15 0 0 0

RECORD WITH MICHELIN

0 8 3 (0)



**POL
ESPARGARÓ**
#44

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

159 0 8 3

RECORD WITH MICHELIN

0 8 3 (0)



RACE STARTS



WINS



PODIUMS



POLES



WORLD TITLES

RIDERS' STANDINGS

RACE				PRT	ARG	USA	ESP	FRA	ITA	DEU	NLD	GBR	AUT	ESP	SMR	IND	JPN	IDN	AUS	THA	MYS	QAT	ESP					
RIDERS' STANDING	Wins	Podium	Points																									
				01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20					
				SPRINT RACE	RACE	SPRINT RACE	RACE	SPRINT RACE	RACE	SPRINT RACE	RACE	SPRINT RACE	RACE	SPRINT RACE	RACE	SPRINT RACE	RACE	SPRINT RACE	RACE	SPRINT RACE	RACE	SPRINT RACE	RACE	SPRINT RACE	RACE	SPRINT RACE	RACE	
1	Francesco Bagnaia #1	5	8	283	12	25	4	0	12	DNF	9	25	7	DNF	12	25	9	20	12	25	9	DNF	7	16				
2	Jorge Martin #89	2	5	247	9	DNF	2	11	7	DNF	6	13	12	20	7	20	12	25	4	11	4	10	7	9	5	16	12	25
3	Marco Bezzecchi #72	2	6	218	DNF	16	9	25	4	10	1	DNF	3	25	9	8	3	13	12	20	9	DNF	DNF	16	2	4	9	20
4	Brad Binder #33	3	173	0	10	12	DNF	5	3	12	20	9	10	0	11	4	DNF	5	13	1	16	9	20	6	DNF	5	2	
5	Aleix Espargaró #41	2	3	160	4	7	DNF	1	6	DNF	0	11	2	11	2	10	1	0	6	16	5	25	3	7	12	25	2	4
6	Johann Zarco #5	4	147	2	13	0	20	0	9	2	DNF	4	16	6	16	5	16	0	DNF	6	7	DNF	3	3	13	0	6	
7	Luca Marini #10	1	135	DNF	DNF	7	8	3	20	0	10	6	DNF	5	13	6	11	0	9	0	9	DNF	13	0	5	3	7	
8	Maverick Viñales #12	2	128	5	20	3	4	0	13	3	DNF	1	DNF	0	4	DNF	DNF	3	DNF	7	11	2	10	7	20	4	11	
9	Alex Márquez #73	1	108	1	11	5	16	DNF	DNF	0	8	0	DNF	DNF	DNF	2	9	1	10	12	DNF	6	11	0	10	1	5	
10	Jack Miller #43	1	104	6	9	0	10	1	DNF	7	16	DNF	DNF	4	9	7	10	0	DNF	3	8	5	1	0	8	0	DNF	
11	Fabio Quartararo #20	1	85	0	8	1	9	0	16	0	6	DNF	9	0	5	0	3	7	DNF	0	1	0	8	0	9	0	3	
12	Franco Morbidelli #21		68	DNF	2	6	13	0	8	0	5	0	6	0	6	4	0	7	0	2	1	5	0	2	0	1		
13	Miguel Oliveira #88		65	3	DNF	DNS	DNS	2	11	5	DNF	-	-	0	DNF	0	6	0	DNF	0	13	DNF	DNF	4	11	0	10	
14	Augusto Fernandez #37		58	DNF	3	0	5	0	6	0	3	DNF	13	0	1	0	5	0	6	2	5	0	2	0	7	0	0	
15	Alex Rins #42	1	1	47	0	6	0	7	9	25	DNF	0	DNF	DNF	DNS	-	-	-	-	-	-	-	-	-	-	-		
16	Fabio Di Giannantonio #47		43	0	DNF	0	6	0	7	0	4	0	8	0	2	0	7	DNF	DNF	0	3	0	0	0	6	0	0	
17	Takaaki Nakagami #30		35	0	4	3	0	DNF	0	7	0	7	0	3	0	2	0	8	0	0	DNF	0	0	1	0	0		
18	Dani Pedrosa #26		32	-	-	-	-	-	4	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	13		
19	Marc Márquez #93		31	7	DNF	DNS	DNS	-	-	-	5	DNF	3	DNF	0	DNS	0	DNS	0	DNF	0	4	0	3	0	9		
20	Enea Bastianini #23		25	DNF	DNS	-	-	-	-	-	-	-	1	7	0	8	2	DNF	0	DNF	0	6	1	DNS	-	-		
21	Raul Fernandez #25		22	0	DNF	0	2	0	DNF	0	1	-	-	0	0	1	0	4	0	6	0	DNF	0	DNF	0	8		
22	Jonas Folger #94		9	-	-	-	0	4	0	0	DNF	3	0	0	0	0	0	2	-	-	-	-	-	-	-			
23	Lorenzo Savadori #32		9	-	-	-	-	-	-	0	4	0	0	-	-	0	5	-	-	DNF	0	-	-	-	-			
24	Pol Espargaró #44		8	DNS	DNS	-	-	-	-	-	-	-	-	-	-	0	4	4	0	DNF	0	DNF						
25	Joan Mir #36		5	DNF	5	DNF	DNS	0	DNF	0	DNF	DNS	DNS	DNF	-	-	0	DNF	0	DNF	-	-	0	DNF				
26	Michele Pirro #51		5	-	-	-	DNF	5	-	-	-	0	0	-	-	-	-	-	-	-	-	-	DNF					
27	Danilo Petrucci #9		5	-	-	-	-	-	0	5	-	-	-	-	-	-	-	-	-	-	-	-						
28	Stefan Bradl #9		5	-	-	-	0	DNF	0	2	-	-	-	-	-	0	3	-	-	-	-							
29	Iker Lecuona #27		0	-	-	-	-	0	0	-	-	-	-	-	0	DNF	0	0	0	0	0	-						

Sprint race	1 st ... 12 pts	4 th ... 6 pts	7 th ... 3 pts	Race	1 st ... 25 pts	4 th ... 13 pts	7 th ... 9 pts	10 th ... 6 pts	13 th ... 3 pts
	2 nd ... 9 pts	5 th ... 5 pts	8 th ... 2 pts		2 nd ... 20 pts	5 th ... 11 pts	8 th ... 8 pts	11 th ... 5 pts	14 th ... 2 pts
	3 th ... 7 pts	6 th ... 4 pts	9 th ... 1 pts		3 th ... 16 pts	6 th ... 10 pts	9 th ... 7 pts	12 th ... 4 pts	15 th ... 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 tires a rider can use

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



MINIMUM PRESSURE FOR A TIRE

Front slick

1,88 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.



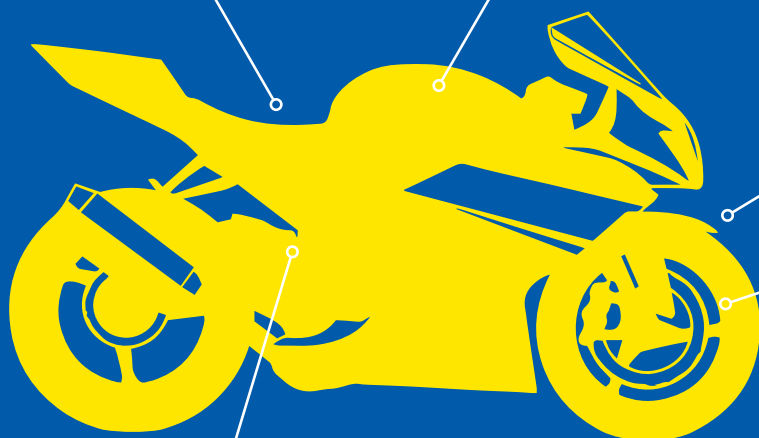
WEIGHT:

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**



RIM DIAMETER:

17 INCHES

SIZES:

FRONT: **12/60 - 17**

Width
(cm)

Exterior
diameter
(cm)

Rim
diameter
(inches)

REAR: **20/69 - 17**



MICHELIN

2023 CALENDAR

1	26/03		PORTUGAL Autódromo Internacional do Algarve	
2	02/04		ARGENTINA Termas de Río Hondo	
3	16/04		USA Circuit Of The Americas	
4	30/04		SPAIN Circuito de Jerez / Angel Nieto	
5	14/05		FRANCE Le Mans	<i>motoE</i>
6	11/06		ITALY Autodromo Internazionale del Mugello	<i>motoE</i>
7	18/06		GERMANY Sachsenring	<i>motoE</i>
8	25/06		NETHERLANDS TT Circuit Assen	<i>motoE</i>
9	6/08		GREAT-BRITAIN Silverstone Circuit	<i>motoE</i>
10	20/08		AUSTRIA Red Bull Ring / Spielberg	<i>motoE</i>
11	3/09		CATALONIA Circuit de Barcelona/Catalunya	<i>motoE</i>
12	10/09		SAN MARINO Misano World Circuit Marco Simoncelli	<i>motoE</i>
13	24/09		INDIA Buddh international circuit	
14	01/10		JAPAN Twin Ring Motegi	
15	15/10		INDONESIA Pertamina Mandalika Circuit	
16	22/10		AUSTRALIA Phillip Island	
17	29/10		THAILAND Chang International Circuit	
18	12/11		MALAYSIA Sepang International Circuit	
19	19/11		QATAR Losail International Circuit	
20	26/11		VALENCIA Circuit Ricardo Torm	



MICHELIN'S MotoGP™ RANGE 2023 **SEASON**

MICHELIN POWER SLICK

FRONT



SOFT

MEDIUM

HARD

REAR



MICHELIN POWER RAIN

FRONT



SOFT

MEDIUM

REAR



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



COMMERCIAL TIRE RANGE

MICHELIN POWER 5



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

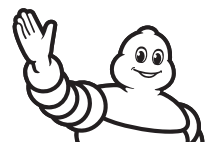


MICHELIN POWER

The winning tire range with over 485 victories and 33 world titles in the premier class (MotoGP™/500cc) since 1973!

You too can benefit from the exceptional grip of MICHELIN Power tires on the road.

#MICHELINPower #GripMadeToLast



MICHELIN

From left to right, MICHELIN Power Slick (MotoGP™ winner), MICHELIN Power Cup2, MICHELIN Power GP, MICHELIN Power5