

# RACEGUIDE

2021 MICHELIN MotoGP™



# 08

## LIQUI MOLY MOTORRAD GRAND PRIX DEUTSCHLAND

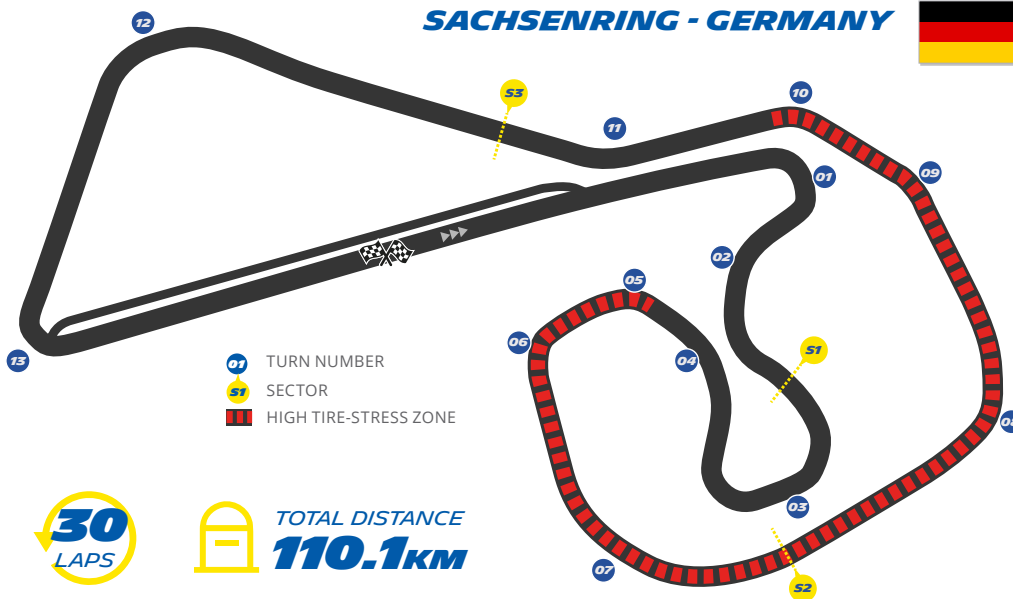
JUNE 18-20

### TIRE SEVERITY RATING



Severe > < Mild

### SACHSENRING - GERMANY



- 01 TURN NUMBER
- S1 SECTOR
- High TIRE-STRESS ZONE

30 LAPS



TOTAL DISTANCE 110.1KM

LENGTH <b>3.671</b> KM	WIDTH <b>12</b> M	RIGHT CORNERS <b>3</b>	LEFT CORNERS <b>10</b>	LONGEST STRAIGHT <b>700</b> M
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### RECORDS

#### All Time Lap Record

Marc Márquez (Honda, 2019)^: 1'20.195

#### Race duration

Marc Márquez (Honda, 2017): 40'59.525

#### Best race lap

Marc Márquez (Honda, 2019)^: 1'21.228

#### Top Speed

Andrea Dovizioso (Ducati, 2015): 298.2 Km/h

### MICHELIN RECORDS

#### Wins



1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2016, 2017, 2018, 2019

#### Pole-positions



1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2016, 2017, 2018, 2019

### 2019 PODIUM



M. Viñales (Yamaha)

M. Márquez (Honda)

🕒 41'08.276s

C. Crutchlow (Honda)

2019 Pole: M. Márquez (Honda) 🕒 1'20.195s

HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND



# TIMETABLE

## FREE PRACTICE FRIDAY, JUNE 18

9:00am-09:40am	Moto3	FP1
9:55am-10:40am	MotoGP	FP1
10:55am-11:35am	Moto2	FP1
1:15pm-1:55pm	Moto3	FP2
2:10pm-2:55pm	MotoGP	FP2
3:10pm-3:50pm	Moto2	FP2

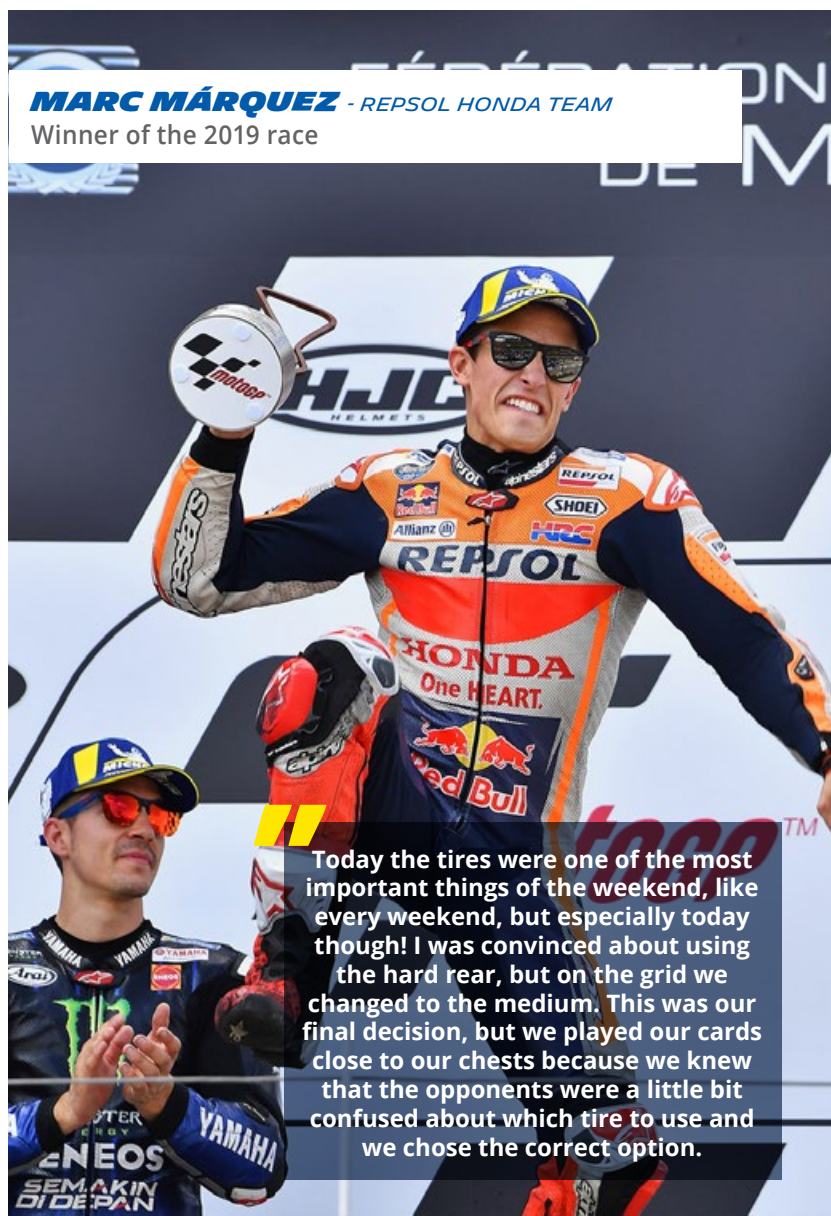
## QUALIFYING PRACTICE SATURDAY, JUNE 19

9:00am-09:40am	Moto3	FP3
9:55am-10:40am	MotoGP	FP3
10:55am-11:35am	Moto2	FP3
12:35pm-12:50pm	Moto3	QP1
1:00pm-1:15pm	Moto3	QP2
1:30pm-2:00pm	MotoGP	FP4
2:10pm-2:25pm	MotoGP	QP1
2:35pm-2:50pm	MotoGP	QP2
3:10pm-3:25pm	Moto2	QP1
3:35pm-3:50pm	Moto2	QP2

## RACE SUNDAY, JUNE 20

8:40am-09:00am	Moto3	WUP
9:10am-09:30am	Moto2	WUP
9:40am-10:00am	MotoGP	WUP
11:00am	Moto3	Race (27 laps)
12:20pm	Moto2	Race (28 laps)
2:00pm	MotoGP	Race (30 laps)

**MARC MÁRQUEZ** - REPSOL HONDA TEAM  
Winner of the 2019 race



Today the tires were one of the most important things of the weekend, like every weekend, but especially today though! I was convinced about using the hard rear, but on the grid we changed to the medium. This was our final decision, but we played our cards close to our chests because we knew that the opponents were a little bit confused about which tire to use and we chose the correct option.





# 2021 TIRE REGULATIONS

ALLOCATION PER RACE:

## MICHELIN POWER "SLICK": 22

### 10 Power front slicks

- ✓ Up to 5 Power Slick Soft
- ✓ Up to 5 Power Slick Medium
- ✓ Up to 5 Power Slick Hard



### 12 Power rear slicks

- ✓ Up to 6 Power Slick Soft
- ✓ Up to 5 Power Slick Medium
- ✓ Up to 4 Power Slick Hard



Riders who participate in both Q1 and Q2:

- ✓ + 1 MICHELIN Front Power Slick (of the specification the riders prefer)
- ✓ 1 MICHELIN Rear Power Slick Soft

In the case that Q1 and Q2 sessions are both declared wet by the Race Director, the extra tires allocated will be rain tires.

In the case that Q1 and Q2 sessions are declared as different weather conditions (dry or wet) then no extra tire will be allocated.

## MICHELIN POWER RAIN: 13

### 6 front Power Rain of 2 specifications



### 7 rear Power Rain 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 tires will be allocated to every rider, and the allocation automatically becomes: 7 Front rain tires, and 8 Rear rain tires.

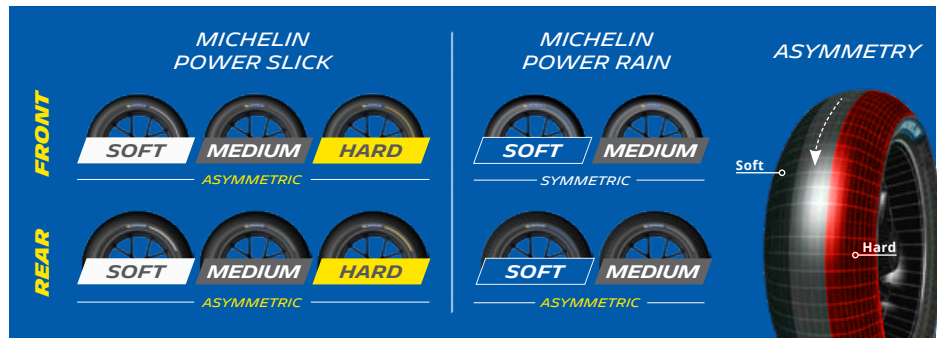
**PIERO TARMASSO**  
Michelin Motorsport  
Two-Wheel Manager



## A QUITE COMPLICATED TIRE ALLOCATION

After a difficult weekend in Catalunya with the slippery track surface, we are looking forward to yet more challenges in Germany with the very specific track layout here at the Sachsenring. The short lap distance with only three right turns makes designing the specifications of the tire allocation quite complicated. However, our tire engineers are well up to the task and I'm sure we will give the riders what they need to go out and give their best throughout the weekend.

Another important thing that will be different in Germany is the absence of spectators. After having around 25,000 fans cheering the riders on race day in Barcelona it will be back to a closed-doors race. We are all keeping our fingers crossed that conditions will start to improve very soon around the world, and that we can start to welcome fans back into all of the circuits to cheer on their heroes.



## MOTOGP™ MICHELIN'S RECORD

**454**  
WINS

**31**  
TITLES  
RIDERS WORLD CHAMPION  
(1976 - 2020)



#GRIPMADETOLAST



# ENTRY LIST

## MONSTER ENERGY YAMAHA MOTOGP

**MAVERICK VIÑALES**  
#12



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

112	9	27	12
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### RECORD WITH MICHELIN

9	27	12	0
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**FABIO QUARTARARO**  
#20



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

40	6	14	15
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### RECORD WITH MICHELIN

6	14	15	0
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## REPSOL HONDA TEAM

**MARC MÁRQUEZ**  
#93



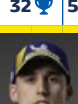
Born: February 17, 1993  
Grand Prix debut: 2013, Qatar

133	56	95	62
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### RECORD WITH MICHELIN

32	56	32	4
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**POL ESPARGARÓ**  
#44



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

125	0	6	2
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### RECORD WITH MICHELIN

0	6	2	0
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## PETRONAS YAMAHA SRT

**FRANCO MORBIDELLI**  
#21



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

56	3	6	2
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### RECORD WITH MICHELIN

3	6	2	0
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**VALENTINO ROSSI**  
#46



Born: February 16, 1979  
Grand Prix debut: 2000, S. Africa

361	89	199	55
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### RECORD WITH MICHELIN

65	124	43	5
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## TEAM SUZUKI ECSTAR

**ALEX RINS**  
#42



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

70	3	12	0
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### RECORD WITH MICHELIN

3	12	0	0
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**JOAN MIR**  
#36



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

38	1	9	0
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### RECORD WITH MICHELIN

1	9	0	1
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## APRILIA RACING GRESINI TEAM

**ALEIX ESPARGARÓ**  
#41



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

186	0	1	2
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**LORENZO SAVADORI**  
#32



Born: April 4, 1993  
Grand Prix debut: 2020, Europe

10	0	0	0
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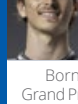
**LUCAS MARINI**  
#10



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

7	0	0	0
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**ENEASTIANINI**  
#23



Born: December 30, 1997  
Grand Prix debut: 2021, Qatar

7	0	0	0
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## PRAMAC RACING

**JOHANN ZARCO**  
#5



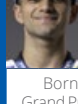
Born: July 16, 1990  
Grand Prix debut: 2017, Qatar

73	0	11	5
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### RECORD WITH MICHELIN

0	11	5	0
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**JORGE MARTIN**  
#89



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

3	0	1	1
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### RECORD WITH MICHELIN

0	1	1	0
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## TECH 3 KTM FACTORY RACING

**DANILO PETRUCCI**  
#9



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

158	2	10	0
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### RECORD WITH MICHELIN

2	9	0	0
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**IKER LECUONA**  
#27



Born: January 6, 2000  
Grand Prix debut: 2019, Valence

19	0	0	0
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**BRAD BINDER**  
#33




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

21	1	1	0
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### RECORD WITH MICHELIN

1	1	0	0
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**MIGUEL OLIVEIRA**  
#88



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

37	3	4	1
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### RECORD WITH MICHELIN

3	4	1	0
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## LCR HONDA

**ALEX MÁRQUEZ**  
#73



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

21	0	2	0
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### RECORD WITH MICHELIN

0	2	0	0
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**TAKAARI NAKAGAMI**  
#30



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

54	0	0	1
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### RECORD WITH MICHELIN

0	0	1	0
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## DUCATI TEAM

**JACK MILLER**  
#43



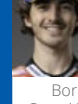
Born: January 18, 1995  
Grand Prix debut: 2015, Qatar

106	3	13	1
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### RECORD WITH MICHELIN

3	13	1	0
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**FRANCESCO BAGNAIA**  
#63



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

37	0	4	1
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### RECORD WITH MICHELIN

0	4	1	0
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RACE STARTS



WINS



PODIUMS



POLES



WORLD TITLES



# RIDERS' STANDINGS

		RACE			QAT	QAT	PRT	ESP	FRA	ITA	ESP	DEU	NLD	AUT	AUT	GBR	ESP	SMR	JPN	THA	AUS	MYS	ESP
RIDERS' STANDING		Wins	Podium	Points	Qatar 24/03	Qatar 04/04	Portimao 2/05	Jerez 2/05	Le Mans 16/05	Misano 30/05	Barcelona 06/06	Sachsenring 20/06	Assen 27/06	Spielberg 08/08	Spielberg 15/08	Silverstone 29/08	Assen 12/09	Misano 19/09	Motegi 03/10	Buriram 10/10	Phillip Island 24/10	Sepang 31/10	Valencia 14/11
					01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
1	Fabio Quartararo #20	3	4	115	11	25	25	3	16	25	10												
2	Johann Zarco #5		4	101	20	20	DNF	8	20	13	20												
3	Jack Miller #43	2	3	90	7	7	DNF	25	25	10	16												
4	Francesco Bagnaia #63		3	88	16	10	20	20	13	DNF	9												
5	Joan Mir #36		2	78	13	9	16	11	DNF	16	13												
6	Maverick Viñales #12	1	1	75	25	11	5	9	6	8	11												
7	Miguel Oliveira #88	1	2	54	3	1	0	5	DNF	20	25												
8	Aleix Espargaró #41			44	9	6	10	10	DNF	9	DNF												
9	Brad Binder #33			43	2	8	11	DNF	3	11	8												
10	Franco Morbidelli #21		1	40	0	4	13	16	0	0	7												
11	Takaaki Nakagami #30			31	DNF	0	6	13	9	DNF	3												
12	Enea Bastianini #23			26	6	5	7	DNF	2	DNF	6												
13	Pol Espargaró #44			25	8	3	DNF	6	8		DNF												
14	Alex Márquez #73			25	DNF	DNF	8	DNF	10	2	5												
15	Alex Rins #42			23	10	13	DNF	0	DNF	DNF	DNS												
16	Danilo Petrucci #9			23	DNF	0	3	2	11	7	DNF												
17	Jorge Martin #89		1	19	1	16	DNS	-	-	-	2												
18	Marc Márquez #93			16	-	-	9	7	DNF	DNF	DNF												
19	Valentino Rossi #46			15	4	0	DNF	0	5	6	DNF												
20	Iker Lecuona #27			14	0	DNF	1	1	7	5	DNF												
21	Stefan Bradl #6			11	5	2	-	4	-	-	-												
22	Luca Marini #10			8	0	0	4	0	4	0													
23	Lorenzo Savadori #32			4	0	0	2	0	DNF	1	1												
24	Michele Pirro #51			3	-	-	-	-	-	3	-												
25	Tito Rabat #53			1	-	-	-	0	1	-	-												

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  
 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

DNF: Did Not Finish  
 DNS: Did Not Start



# FACTS

## MICHELIN'S MotoGP™ RACE STAFF\*

**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 **1,9 BAR**      Rear slick **1,7 BAR**



THE OPERATING TEMPERATURE

Front slick **100°C**      Rear slick **120°C**



**2 DEVELOPERS**



**7 TECHNICIANS**



**11 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.



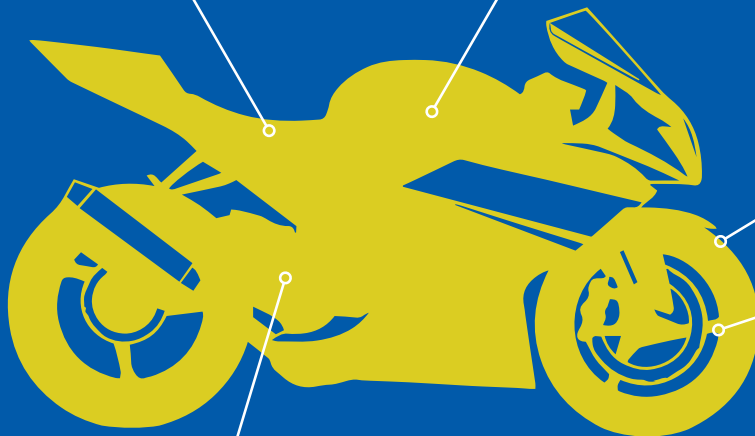
WEIGHT:

**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**







# MICHELIN'S MotoGP™ RANGE 2021 SEASON

## MICHELIN POWER SLICK

FRONT  
12/60 - 17



SOFT

MEDIUM

HARD

REAR  
20/69 - 17



## MICHELIN POWER RAIN

FRONT  
12/60 - 17



SOFT

MEDIUM

REAR  
20/69 - 17



## MICHELIN POWER

### MICHELIN POWER MOTOGP



### MICHELIN POWER PERFORMANCE SLICK



1000CC



600CC

Competition use

### MICHELIN POWER SLICK<sup>2</sup>



Competition Beginner - Track days  
Not type-approved for road use

### MICHELIN POWER CUP<sup>2</sup>



Competition Beginner  
Track days - Road legal

### MICHELIN POWER GP



50 % track days - 50 % road

### MICHELIN POWER 5



100 % road



# MICHELIN POWER

## OVER 30 WORLD TITLES

### SINCE 1973



MFP: Michelin, Place des Carmes Déchaux, 63 040 Clermont-Fd, 855 20 0507 R. S. 1. remont-Fd. Photo: Lukasz Swiderek 2020



**MICHELIN POWER**  
The winning tire range with over 450 wins and 31 Premier Class world titles (MotoGP™/500cc) in the past 47 years.



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