

# RACEGUIDE

2021 MICHELIN MotoGP™



# 13

## GRAN PREMIO TISSOT DE ARAGÓN

SEPTEMBER 10-12

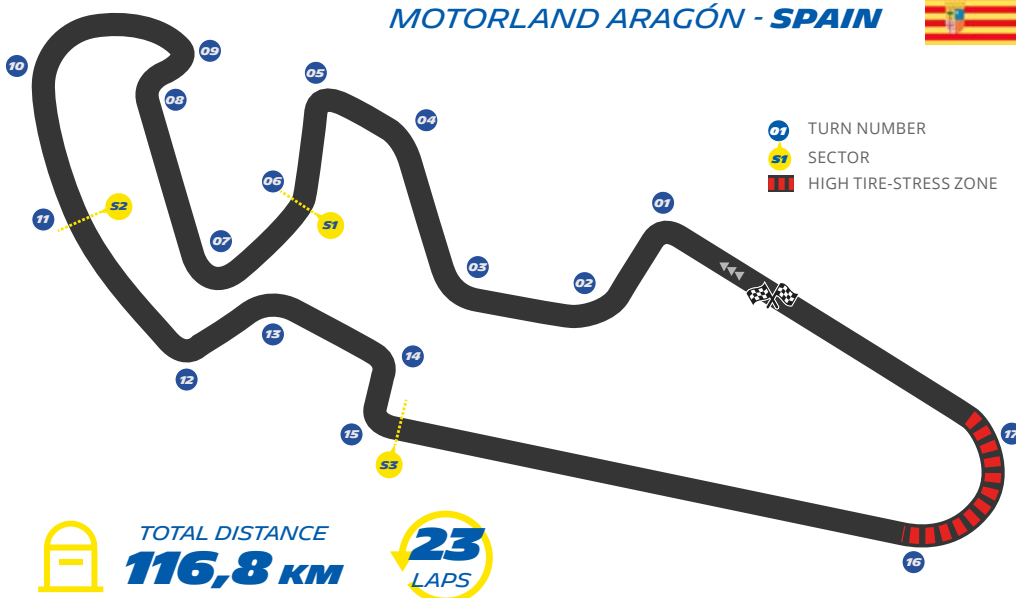
MOTORLAND ARAGÓN - SPAIN



**TIRE SEVERITY RATING**



Severe > < Mild



LENGTH	WIDTH	RIGHT CORNERS	LEFT CORNERS	LONGEST STRAIGHT
<b>5.077</b> KM	<b>15</b> M	<b>7</b>	<b>10</b>	<b>968</b> M

### RECORDS

#### All Time Lap Record

Marc Márquez  
(Honda, 2015): 1'46.635

#### Race duration

Jorge Lorenzo  
(Yamaha, 2015): 41'44.933

#### Best race lap

Franco Morbidelli  
(Yamaha, 2020) 1'48.089

#### Top Speed

Andrea Dovizioso  
(Ducati, 2019) 346.1 km/h

### MICHELIN RECORDS



**5** Wins

2016, 2017, 2018, 2019, 2020



**5** Pole-positions

2016, 2017, 2018, 2019, 2020



2020 Pole : F. Quartararo (Yamaha) 1'47.076

2020 PODIUM GRAN PREMIO MICHELIN® DE ARAGÓN



# TIMETABLE

## FREE PRACTICE FRIDAY, SEPTEMBER 10

09:00pm-09:40am	Moto3	FP1
09:55pm-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, SEPTEMBER 11

09:00am-09:40am	Moto3	FP3
09:55am-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, SEPTEMBER 12

08:40am-09:00am	Moto3	WUP
9:10am-9:30am	Moto2	WUP
09:40am-10:00am	MotoGP	WUP
11:00am	Moto3	RACE (19 laps)
12:20pm	Moto2	RACE (21 laps)
2:00pm	MotoGP	RACE (23 laps)



**ALEX RINS**  
TEAM SUZUKI ECSTAR:  
Winner of the 2020 race

I am really pleased to win the Michelin Grand Prix, especially with how well the soft/soft worked today, I was using the medium front, but I felt really confident with the soft front and we got the victory with it.



LOCAL TIME - SOURCE: motogp.com - INFORMATION SUBJECT TO CHANGE

## 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



### THE CIRCUIT LAYOUT PLACES CONSIDERABLE STRESS ON THE TIRES

Last year at Aragón some of the sessions were delayed due to the very cold temperatures – the asphalt was below 10°C on the Friday morning – so I'm hoping the conditions will be better this year, as this time the race is a bit earlier in the year.

The circuit layout is quite challenging for our tire designers because it

includes such a mix of corners, from slow and tight to fast and flowing, and the two straights where the speeds of a MotoGP bike are quite high. When you combine all these factors every lap, it places considerable stress on the tires and we need to be sure that we offer our usual high levels of performance for all of the riders and teams.



MOTOGP™ MICHELIN'S RECORD

**459**  
WINS

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



# ENTRY LIST

## PETRONAS YAMAHA SRT



**CAL CRUTCHLOW**  
#35

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

170 🏁 3 🏆 19 🏆 4 🏆

### RECORD WITH MICHELIN

3 🏆 11 🏆 2 🏆 (0)



**FABIO QUARTARARO**  
#20

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

45 🏁 8 🏆 18 🏆 15 🏆

### RECORD WITH MICHELIN

8 🏆 18 🏆 15 🏆 (0)

## REPSOL HONDA TEAM



**MARC MÁRQUEZ**  
#93

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

138 🏁 57 🏆 96 🏆 62 🏆

World titles:  
(2019, 2018, 2017, 2016, 2014, 2013)

(6)

### RECORD WITH MICHELIN

33 🏆 57 🏆 32 🏆 (4)



**POL ESPARGARÓ**  
#44

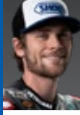
Born: June 10, 1991  
Grand Prix debut: 2014, Qatar

130 🏁 0 🏆 6 🏆 3 🏆

### RECORD WITH MICHELIN

0 🏆 6 🏆 3 🏆 (0)

## PETRONAS YAMAHA SRT



**JAKE DIXON**  
#96

Born: January 15, 1996  
Grand Prix debut: 2021, Great Britain

1 🏁 0 🏆 0 🏆 0 🏆



**VALENTINO ROSSI**  
#46

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

366 🏁 89 🏆 199 🏆 55 🏆

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

(7)

### RECORD WITH MICHELIN

65 🏆 124 🏆 43 🏆 (5)

## TEAM SUZUKI ECSTAR



**ALEX RINS**  
#42

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

75 🏁 3 🏆 13 🏆 0 🏆

### RECORD WITH MICHELIN

3 🏆 13 🏆 0 🏆 (0)



**JOAN MIR**  
#36

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

43 🏁 1 🏆 11 🏆 0 🏆

World title:  
(2020)

(1)

### RECORD WITH MICHELIN

1 🏆 11 🏆 0 🏆 (1)

## APRILIA RACING GRESINI TEAM



**ALEIX ESPARGARÓ**  
#41

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

191 🏁 0 🏆 2 🏆 2 🏆

### RECORD WITH MICHELIN

0 🏆 1 🏆 0 🏆 (0)



**MAVERICK VIÑALES**  
#12

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

115 🏁 9 🏆 28 🏆 13 🏆

### RECORD WITH MICHELIN

9 🏆 28 🏆 13 🏆 (0)

## ESPONSORAMA RACING



**LUCAS MARINI**  
#10

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

12 🏁 0 🏆 0 🏆 0 🏆



**ENEA BASTIANINI**  
#23

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

12 🏁 0 🏆 0 🏆 0 🏆

## PRAMAC RACING



**JOHANN ZARCO**  
#5

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

78 🏁 0 🏆 11 🏆 6 🏆

### RECORD WITH MICHELIN

0 🏆 11 🏆 6 🏆 (0)



**JORGE MARTIN**  
#89

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

8 🏁 1 🏆 3 🏆 3 🏆

### RECORD WITH MICHELIN

1 🏆 3 🏆 3 🏆 (0)

## TECH 3 KTM FACTORY RACING



**DANILO PETRUCCI**  
#9

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

163 🏁 2 🏆 10 🏆 0 🏆

### RECORD WITH MICHELIN

2 🏆 9 🏆 0 🏆 (0)



**IKER LECUONA**  
#27

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

24 🏁 0 🏆 0 🏆 0 🏆

## RED BULL KTM FACTORY RACING



**BRAD BINDER**  
#33

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

26 🏁 2 🏆 2 🏆 0 🏆

### RECORD WITH MICHELIN

2 🏆 2 🏆 0 🏆 (0)



**MIGUEL OLIVEIRA**  
#88

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

42 🏁 3 🏆 5 🏆 1 🏆

### RECORD WITH MICHELIN

3 🏆 5 🏆 1 🏆 (0)

## LCR HONDA



**ALEX MÁRQUEZ**  
#73

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

26 🏁 0 🏆 2 🏆 0 🏆

### RECORD WITH MICHELIN

0 🏆 2 🏆 0 🏆 (0)



**TAKAAKI NAKAGAMI**  
#30

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

59 🏁 0 🏆 0 🏆 1 🏆

### RECORD WITH MICHELIN

0 🏆 0 🏆 1 🏆 (0)

## DUCATI TEAM



**JACK MILLER**  
#43

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

111 🏁 3 🏆 13 🏆 1 🏆

### RECORD WITH MICHELIN

3 🏆 13 🏆 1 🏆 (0)



**FRANCESCO BAGNAIA**  
#63

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

42 🏁 0 🏆 5 🏆 1 🏆

### RECORD WITH MICHELIN

0 🏆 5 🏆 1 🏆 (0)



RACE STARTS



WINS



PODIUMS



POLES



WORLD TITLES



# RIDERS' STANDINGS

RACE				QAT	QAT	PRT	ESP	FRA	ITA	ESP	DEU	NLD	AUT	AUT	GBR	ESP	SMR	USA	SMR	PRT	ESP	
RIDERS' STANDING	Wins	Podium	Points	Qatar	Qatar	Portugal	Jeréz	Le Mans	Mugello	Barcelona	Sachsenring	Assen	Spielberg	Spielberg	Silverstone	Aragon	Misano	Austin	Misano	Algarve	Valencia	
				28/03	04/04	18/04	2/05	16/05	30/05	06/06	20/06	27/06	08/09	15/08	29/08	12/09	19/09	03/10	24/10	07/11	14/11	
				01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	
1	Fabio Quartararo #20	5	8	206	11	25	25	3	16	25	10	16	25	16	9	25						
2	Joan Mir #36		4	141	13	9	16	11	DNF	16	13	7	16	20	13	7						
3	Johann Zarco #5		4	137	20	20	DNF	8	20	13	20	8	13	10	DNF	5						
4	Francesco Bagnaia #63		4	136	16	10	20	20	13	DNF	9	11	10	5	20	2						
5	Jack Miller #43	2	3	118	7	7	DNF	25	25	10	16	10	DNF	DNF	5	13						
6	Brad Binder #33	1	1	108	2	8	11	DNF	3	11	8	13	4	13	25	10						
7	Maverick Viñales #12	1	2	95	25	11	5	9	6	8	11	0	20	0	-	-						
8	Miguel Oliveira #88	1	3	85	3	1	0	5	DNF	20	25	20	11	DNF	DNF	0						
9	Alex Espargaró #41		1	83	9	6	10	10	DNF	9	DNF	9	8	DNF	6	16						
10	Jorge Martin #89	1	2	64	1	16	DNS	-	-	-	2	4	DNF	25	16	DNF						
11	Alex Rins #42		1	64	10	13	DNF	0	DNF	DNF	DNS	5	5	9	2	20						
12	Marc Márquez #93	1	1	59	-	-	9	7	DNF	DNF	DNF	25	9	8	1	DNF						
13	Takaaki Nakagami #30			58	DNF	0	6	13	9	DNF	3	3	7	11	3	3						
14	Pol Espargaró #44			52	8	3	DNF	6	8	4	DNF	6	6	0	0	11						
15	Alex Márquez #73			49	DNF	DNF	8	DNF	10	2	5	DNF	2	7	7	8						
16	Franco Morbidelli #21	1		40	0	4	13	16	0	0	7	0	-	-	-	-						
17	Daniilo Petrucci #9			36	DNF	0	3	2	11	7	DNF	DNF	3	0	4	6						
18	Enea Bastianini #23			35	6	5	7	DNF	2	DNF	6	0	1	4	DNF	4						
19	Iker Lecuona #27			33	0	DNF	1	0	7	5	DNF	0	DNF	1	10	9						
20	Valentino Rossi #46			28	4	0	DNF	0	5	6	DNF	2	DNF	3	8	0						
21	Luca Marini #10			23	0	0	4	0	4	0		1	0	2	11	1						
22	Stefan Bradl #6			11	5	2	-	4	-	-	-	-	-	-	-	-						
23	Dani Pedrosa #26			6	-	-	-	-	-	-	-	-	-	6	-	-						
24	Lorenzo Savadori #32			4	0	0	2	0	DNF	1	1	DNF	0	DNF	-	DNS						
25	Michele Pirro #51			3	-	-	-	-	-	3	-	-	-	-	-	-						
26	Tito Rabat #53			1	-	-	-	0	1	-	-	-	-	-	-	-						
27	Garrett Gerloff #31			0	-	-	-	-	-	-	-	-	0	-	-	-						
28	Cal Crutchlow #35			0	-	-	-	-	-	-	-	-	-	0	0	0						
29	Jake Dixon #96			0	-	-	-	-	-	-	-	-	-	-	-	0						

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.



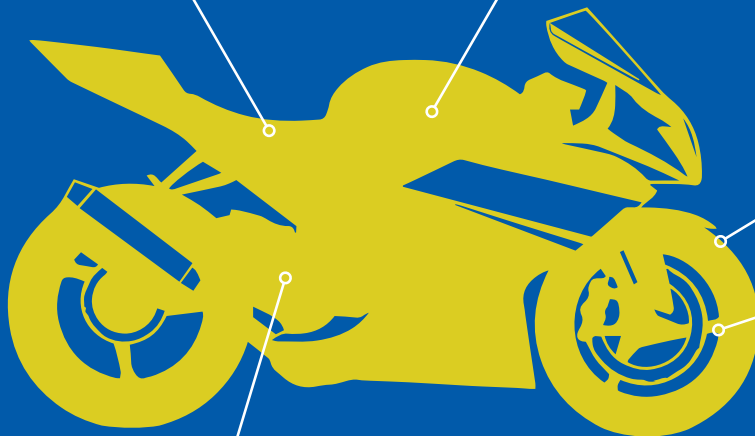
WEIGHT:

**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 05 07 RCS Clermont-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.