

# RACECARD

2018 MICHELIN MotoGP™



**09**  
PRAMAC  
MOTORRAD GRAND  
PRIX DEUTSCHLAND

**13»15**  
JULY 2018

SACHSENRING  
GERMANY

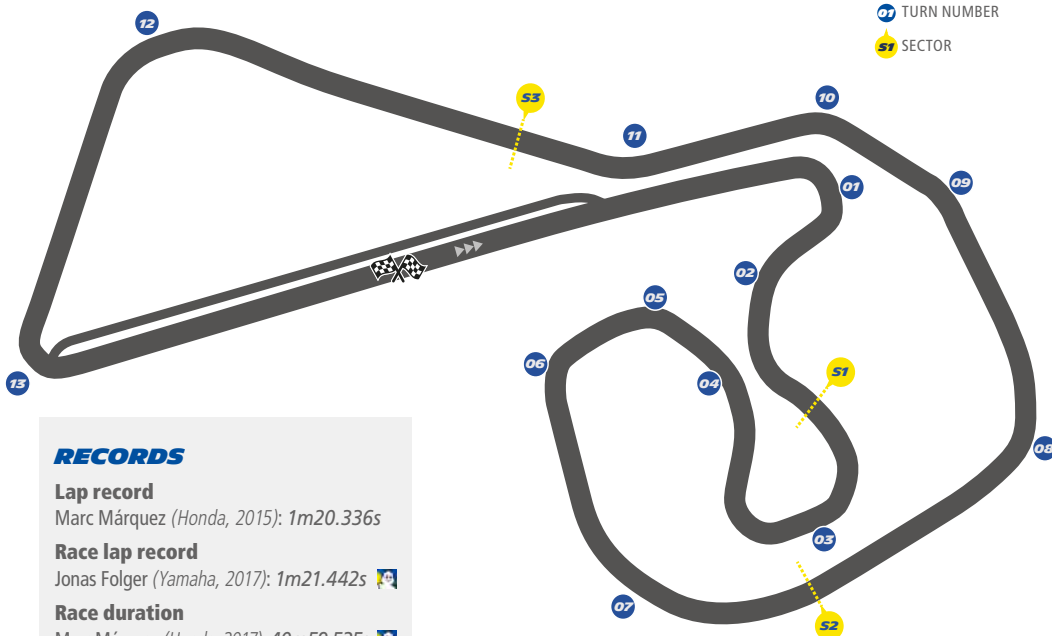


## TIMETABLE

FREE PRACTICE FRIDAY, JULY 13		
09:00 - 09:40	Moto3	FP1
<b>09:55 - 10:40</b>	<b>MotoGP</b>	<b>FP1</b>
10:55 - 11:40	Moto2	FP1
13:10 - 13:50	Moto3	FP2
<b>14:05 - 14:50</b>	<b>MotoGP</b>	<b>FP2</b>
15:05 - 15:50	Moto2	FP2

QUALIFYING PRACTICE SATURDAY, JULY 14		
09:00 - 09:40	Moto3	FP3
<b>09:55 - 10:40</b>	<b>MotoGP</b>	<b>FP3</b>
10:55 - 11:40	Moto2	FP3
12:35 - 13:15	Moto3	QP
<b>13:30 - 14:00</b>	<b>MotoGP</b>	<b>FP4</b>
<b>14:10 - 14:25</b>	<b>MotoGP</b>	<b>QP1</b>
<b>14:35 - 14:50</b>	<b>MotoGP</b>	<b>QP2</b>
15:05 - 15:50	Moto2	QP

RACE SUNDAY, JULY 1		
8:40 - 9:00	Moto3	WUP
9:10 - 9:30	Moto2	WUP
<b>9:40 - 10:00</b>	<b>MotoGP</b>	<b>WUP</b>
11:00	Moto3	RAC
12:20	Moto2	RAC
<b>14:00</b>	<b>MotoGP</b>	<b>RAC</b>



**RECORDS**

**Lap record**  
Marc Márquez (Honda, 2015): 1m20.336s

**Race lap record**  
Jonas Folger (Yamaha, 2017): 1m21.442s 🏆

**Race duration**  
Marc Márquez (Honda, 2017): 40m59.525s 🏆


LENGTH	WIDTH	RIGHT CORNERS	LEFT CORNERS	LONGEST STRAIGHT	LAPS	TOTAL DISTANCE
<b>3.671</b> KM	<b>12</b> M	<b>3</b>	<b>10</b>	<b>700</b> M	<b>30</b>	<b>110.1</b> KM

**2017**

**Race duration**  
40m59.525s

**Podium**

- 1 M. Márquez (Honda)
- 2 J. Folger (Yamaha)
- 3 D. Pedrosa (Honda)



**Pole**  
M. Márquez (Honda), 1m27.302s



**MICHELIN'S RECORD**

**Wins: 12**  
(1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2016, 2017)

**Pole positions: 11**  
(1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2016, 2017)

CIRCUIT TIME (GMT +2) - SOURCE: motogp.com - INFORMATION SUBJECT TO CHANGE



# 2018 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.

# 11 RAIN TYRES

### 5 front tyres:

- ✓ Up to 3 A-specification tyres
- ✓ Up to 3 B-specification tyres
- > 3As + 2Bs, or 2As + 3Bs

### 6 rear tyres:

- ✓ Up to 4 A-specification tyres
- ✓ Up to 3 B-specification tyres
- > 4As + 2Bs, or 3As + 3Bs

Should four of the following five sessions (Free Practice 1, 2, 3 and 4, and one Qualifying session) be declared wet, an additional set of rain tyres is allocated to all the riders. This additional allocation comprises:

- ✓ 6 front rain tyres (3 A-spec + 3 B-spec rain tyres)
- ✓ 7 rear rain tyres (4 A-spec + 3 B-spec rain tyres)



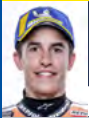
**PIERO TARAMASSO,**  
Michelin Motorsport Two-Wheel Manager:

We are going to Sachsenring much better prepared this year than we did in 2017. We had no opportunity to test the surface last year, but now we have a lot of data and we have been able to make tyres that are specifically matched to the demands of such a unique circuit. Its anti-clockwise design, excessive left hand corners and very fast turns make it a technical and demanding track. The riders spend a lot of time of the left edge, so when they get to a right turn that side has lost a lot of heat and has to warm-up quickly, so we need a tyre that acts very differently on both sides and gives the riders the confidence they need. It's also a track that can be very cold at times, but can also get very hot when the sun shines, so we need an allocation to cover that. What we selected at the start of the year is based on all those factors and we are confident we have the right rubber for all eventualities.



# ENTRYLIST

## REPSOL HONDA TEAM



**MARC MÁRQUEZ**  
#93

Born: February 17, 1993

Nationality **Spanish**  
Race starts **98**  
Wins **39**  
Pole positions **47**  
Podium finishes **69**  
World titles **4** (2013, 2014, 2016, 2017)  
Grand Prix debut **2013, Qatar**

**RECORD WITH MICHELIN**  
Wins **15**  
Podium finishes **30**  
Pole positions **17**  
World titles **2** (2016, 2017)



**DANI PEDROSA**  
#26

Born: September 29, 1985

Nationality **Spanish**  
Race starts **207**  
Wins **31**  
Pole positions **31**  
Podium finishes **112**  
Grand Prix debut **2006, Spain**

**RECORD WITH MICHELIN**  
Wins **9**  
Podium finishes **36**  
Pole positions **13**

## APRILIA RACING TEAM GRESINI



**ALEIX ESPARGARÓ**  
#41

Born: July 30, 1989

Nationality **Spanish**  
Race starts **137**  
Wins **0**  
Pole positions **2**  
Podium finishes **1**  
Grand Prix debut **2009, Indianapolis**



**SCOTT REDDING**  
#45

Born: January 4, 1993

Nationality **British**  
Race starts **80**  
Wins **0**  
Pole positions **0**  
Podium finishes **2**  
Grand Prix debut **2014, Qatar**

**RECORD WITH MICHELIN**  
Podium finishes **1**

## DUCATI TEAM



**ANDREA DOVIZIOSO**  
#4

Born: March 23, 1986

Nationality **Italian**  
Race starts **186**  
Wins **9**  
Pole positions **5**  
Podium finishes **44**  
Grand Prix debut **2008, Qatar**

**RECORD WITH MICHELIN**  
Wins **8**  
Podium finishes **15**  
Pole positions **2**



**JORGE LORENZO**  
#99

Born: May 4, 1987

Nationality **Spanish**  
Race starts **182**  
Wins **46**  
Pole positions **40**  
Podium finishes **112**  
World titles **3** (2010, 2012, 2015)  
Grand Prix debut **2008, Qatar**

**RECORD WITH MICHELIN**  
Wins **7**  
Podium finishes **21**  
Pole positions **9**

## ALMA PRAMAC RACING



**DANILO PETRUCCI**  
#9

Born: October 24, 1990

Nationality **Italian**  
Race starts **108**  
Wins **0**  
Pole positions **0**  
Podium finishes **6**  
Grand Prix debut **2012, Qatar**

**RECORD WITH MICHELIN**  
Podium finishes **5**



**JACK MILLER**  
#43

Born: January 18, 1995

Nationality **Australian**  
Race starts **56**  
Wins **1**  
Pole positions **1**  
Podium finishes **1**  
Grand Prix debut **2015, Qatar**

**RECORD WITH MICHELIN**  
Wins **1**  
Podium finishes **1**  
Pole positions **1**

## MONSTER YAMAHA TECH 3



**JOHANN ZARCO**  
#5

Born: July 16, 1990

Nationality **French**  
Race starts **26**  
Wins **0**  
Pole positions **4**  
Podium finishes **5**  
Grand Prix debut **2017, Qatar**

**RECORD WITH MICHELIN**  
Podium finishes **5**  
Pole positions **4**



**HAFIZ SYAHRIN**  
#55

Born: May 5, 1994

Nationality **Malaysian**  
Race starts **8**  
Wins **0**  
Pole positions **0**  
Podium finishes **0**  
Grand Prix debut **2018, Qatar**

## MOVISTAR YAMAHA MOTOGP



**MAVERICK VIÑALES**  
#25

Born: January 12, 1995

Nationality **Spanish**  
Race starts **62**  
Wins **4**  
Pole positions **5**  
Podium finishes **13**  
Grand Prix debut **2015, Qatar**

**RECORD WITH MICHELIN**  
Wins **4**  
Podium finishes **13**  
Pole positions **5**



**VALENTINO ROSSI**  
#46

Born: February 16, 1979

Nationality **Italian**  
Race starts **313**  
Wins **89**  
Pole positions **55**  
Podium finishes **195**  
World titles **7** (2001, 2002, 2003, 2004, 2005, 2008, 2009)  
Grand Prix debut **2000, South Africa**

**RECORD WITH MICHELIN**  
Wins **65**  
Podium finishes **119**  
Pole positions **43**  
World titles **5** (2001, 2002, 2003, 2004, 2005)

## RED BULL KTM FACTORY RACING



**BRADLEY SMITH**  
#38

Born: November 28, 1990

Nationality **British**  
Race starts **93**  
Wins **0**  
Pole positions **0**  
Podium finishes **2**  
Grand Prix debut **2013, Qatar**



**POL ESPARGARÓ**  
#44

Born: June 10, 1991

Nationality **Spanish**  
Race starts **79**  
Wins **0**  
Pole positions **0**  
Podium finishes **0**  
Grand Prix debut **2014, Qatar**



**MIKA KALLIO**  
#36

Born: November 8, 1982

Nationality **Finnish**

**WILD CARD**

## LCR HONDA



**CAL CRUTCHLOW**  
#35

Born: October 29, 1985

Nationality **British**  
Race starts **131**  
Wins **3**  
Pole positions **4**  
Podium finishes **14**  
Grand Prix debut **2011, Qatar**

**RECORD WITH MICHELIN**  
Wins **3**  
Podium finishes **6**  
Pole positions **2**



**TAKAAKI NAKAGAMI**  
#30

Born: February 9, 1992

Nationality **Japanese**  
Race starts **8**  
Wins **0**  
Pole positions **0**  
Podium finishes **0**  
Grand Prix debut **2018, Qatar**

## ANGEL NIETO TEAM



**ALVARO BAUTISTA**  
#19

Born: November 21, 1984

Nationality **Spanish**  
Race starts **148**  
Wins **0**  
Pole positions **1**  
Podium finishes **3**  
Grand Prix debut **2010, Qatar**



**KAREL ABRAHAM**  
#17

Born: January 2, 1990

Nationality **Czech**  
Race starts **92**  
Wins **0**  
Pole positions **0**  
Podium finishes **0**  
Grand Prix debut **2011, Qatar**

## REALE AVINTIA RACING



**XAVIER SIMEON**  
#10

Born: August 31, 1989

Nationality **Belgian**  
Race starts **8**  
Wins **0**  
Pole positions **0**  
Podium finishes **0**  
Grand Prix debut **2018, Qatar**



**TITO RABAT**  
#53

Born: May 25, 1989

Nationality **Spanish**  
Race starts **43**  
Wins **0**  
Pole positions **0**  
Podium finishes **0**  
Grand Prix debut **2016, Qatar**

## EG 0,0 MARC VDS



**THOMAS LUTHI**  
#12

Born: September 6, 1986

Nationality **Suisse**  
Race starts **8**  
Wins **0**  
Pole positions **0**  
Podium finishes **0**  
Grand Prix debut **2018, Qatar**



**FRANCO MORBIDELLI**  
#21

Born: December 4, 1994

Nationality **Italian**  
Race starts **7**  
Wins **0**  
Pole positions **0**  
Podium finishes **0**  
Grand Prix debut **2018, Qatar**

## TEAM SUZUKI ECSTAR



**ALEX RINS**  
#42

Born: December 8, 1995

Nationality **Spanish**  
Race starts **22**  
Wins **0**  
Pole positions **0**  
Podium finishes **2**  
Grand Prix debut **2017, Qatar**

**RECORD WITH MICHELIN**  
Podium finishes **2**



**ANDREA IANNONE**  
#29

Born: August 9, 1989

Nationality **Italian**  
Race starts **91**  
Wins **1**  
Pole positions **2**  
Podium finishes **9**  
Grand Prix debut **2015, Qatar**

**RECORD WITH MICHELIN**  
Wins **1**  
Podium finishes **6**  
Pole positions **1**



# RIDERS' STANDINGS

RACE				QAT	ARG	USA	ESP	FRA	ITA	ESP	NED	DEU	CZE	AUT	GBR	SMR	ESP	THA	JPN	AUS	MYS	ESP
				Losail 18/03	Rio Hondo 08/04	Austin 22/04	Jerez 06/05	Le Mans 20/05	Mugello 03/06	Catalunya 17/06	Assen 01/07	Sachsenring 15/07	Brno 05/08	Spielberg 12/08	Silverstone 26/08	Misano 09/09	Aragon 23/09	Chang 07/10	Motegi 21/10	Phillip Island 28/10	Sepang 04/11	Torres 18/11
RIDERS' STANDINGS				01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
		Wins	Podium	Points																		
1	Marc Márquez #93	4	6	140	20	0	25	25	25	0	20	25										
2	Valentino Rossi #46		4	99	16	0	13	11	16	16	16	11										
3	Maverick Viñales #25		2	93	10	11	20	9	9	8	10	16										
4	Johann Zarco #5		2	81	8	20	10	20	DNF	6	9	8										
5	Andrea Dovizioso #4	1	2	79	25	10	11	DNF	DNF	20	DNF	13										
6	Cal Crutchlow #35	1	1	79	13	25	0	DNF	8	10	13	10										
7	Jorge Lorenzo #99	2	2	75	DNF	1	5	DNF	10	25	25	9										
8	Andrea Iannone #29		2	71	7	8	16	16	DNF	13	6	5										
9	Daniilo Petrucci #9		1	71	11	6	4	13	20	9	8	DNF										
10	Jack Miller #43			55	6	13	7	10	13	DNF	DNF	6										
11	Alex Rins #42		2	53	DNF	16	DNF	DNF	6	11	DNF	20										
12	Dani Pedrosa #26			41	9	DNF	9	DNF	11	DNF	11	1										
13	Alvaro Bautista #19			33	3	0	1	8	DNF	7	7	7										
14	Pol Espargaró #44			32	DNF	5	3	5	5	5	5	4										
15	Tito Rabat #53			27	5	9	8	2	DNF	3	DNF	0										
16	Franco Morbidelli #21			19	4	2	0	7	3	1	2	0										
17	Hafizh Syahrin #55			17	2	7	DNF	0	4	4	DNF	0										
18	Aleix Espargaró #41			16	0	DNF	6	DNF	7	DNF	DNF	3										
19	Scott Redding #45			11	0	4	0	1	DNF	DNF	4	2										
20	Takaaki Nakagami #30			10	0	3	2	4	1	0	DNF	0										
21	Bradley Smith #38			7	0	DNF	0	3	2	2	DNF	0										
22	Mika Kallio #36	-	-	6	-	-	-	6	-	-	-	-										
23	Karel Abraham #17			4	1	0	DNF	0	0	DNF	3	DNF										
24	Thomas Luthi #12			0	0	0	0	DNF	0	DNF	DNF	0										
25	Xavier Simeon #10			0	0	0	0	0	0	0	DNF	DNF										

1<sup>st</sup> ..... 25 pts    5<sup>th</sup> ..... 11 pts    9<sup>th</sup> ..... 7 pts    13<sup>th</sup> ..... 3 pts    DNF: Did Not Finish  
 2<sup>nd</sup> ..... 20 pts    6<sup>th</sup> ..... 10 pts    10<sup>th</sup> ..... 6 pts    14<sup>th</sup> ..... 2 pts    DNS: Did Not Start  
 3<sup>rd</sup> ..... 16 pts    7<sup>th</sup> ..... 9 pts    11<sup>th</sup> ..... 5 pts    15<sup>th</sup> ..... 1 pt  
 4<sup>th</sup> ..... 13 pts    8<sup>th</sup> ..... 8 pts    12<sup>th</sup> ..... 4 pts



## FACTS

**15,000**

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

**22**

The maximum number of slick tyres a rider can use during a grand prix weekend (free practice, qualifying, warm-up and race)

**1,400**

The number of tyres taken to each grand prix

**120°C**

The operating temperature of a rear slick

**100°C**

The operating temperature of a front slick

## THE BIKES:

CUBIC CAPACITY:

**1,000 cc**

**4** stroke

POWER:

**240**  
horsepower

WEIGHT:

**157 kg**

MAXIMUM FUEL TANK  
CAPACITY:

**22 LITRES**



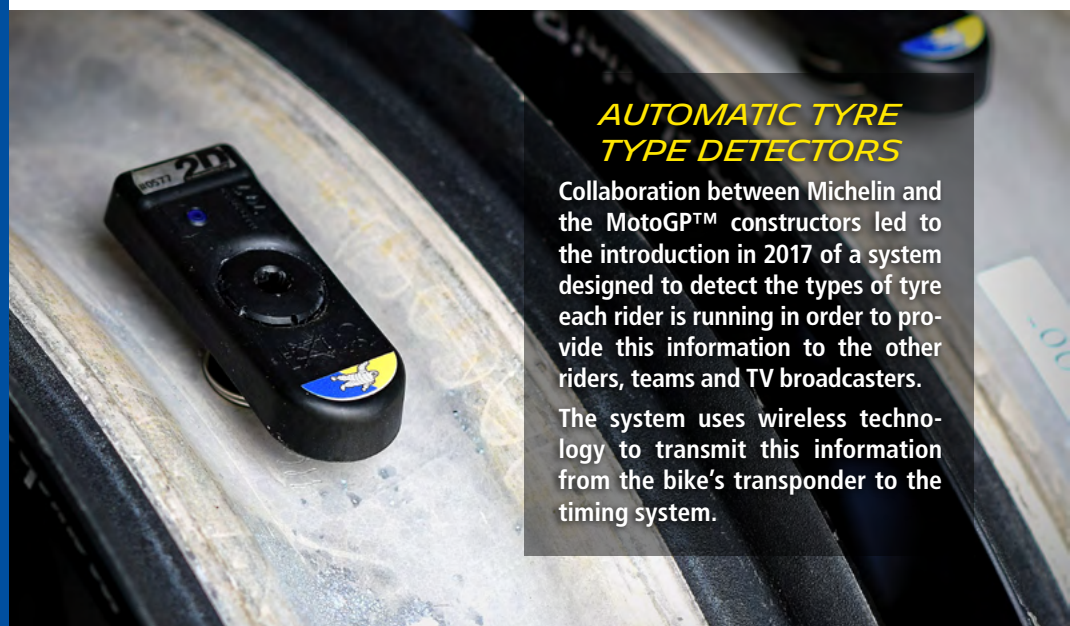
## DID YOU KNOW?

All of Michelin's MotoGP™ tyres are manufactured in Clermont-Ferrand, France before being transported to races and tests in either containers or specially-adapted trucks. These trucks can carry up to 800 tyres in hammocks, which protect them against damage.



## TYRE PRESSURE SENSORS

Tyre Air Pressure Sensors have been mandatory in MotoGP™ since the 2016 Italian Grand Prix at Mugello.



## AUTOMATIC TYRE TYPE DETECTORS

Collaboration between Michelin and the MotoGP™ constructors led to the introduction in 2017 of a system designed to detect the types of tyre each rider is running in order to provide this information to the other riders, teams and TV broadcasters.

The system uses wireless technology to transmit this information from the bike's transponder to the timing system.





# MICHELIN'S MotoGP™ RANGE 2018 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

