

RACECARD

2018 MICHELIN MotoGP™



09
PRAMAC
MOTORRAD GRAND
PRIX DEUTSCHLAND

13»15
JULY 2018

SACHSENRING
GERMANY

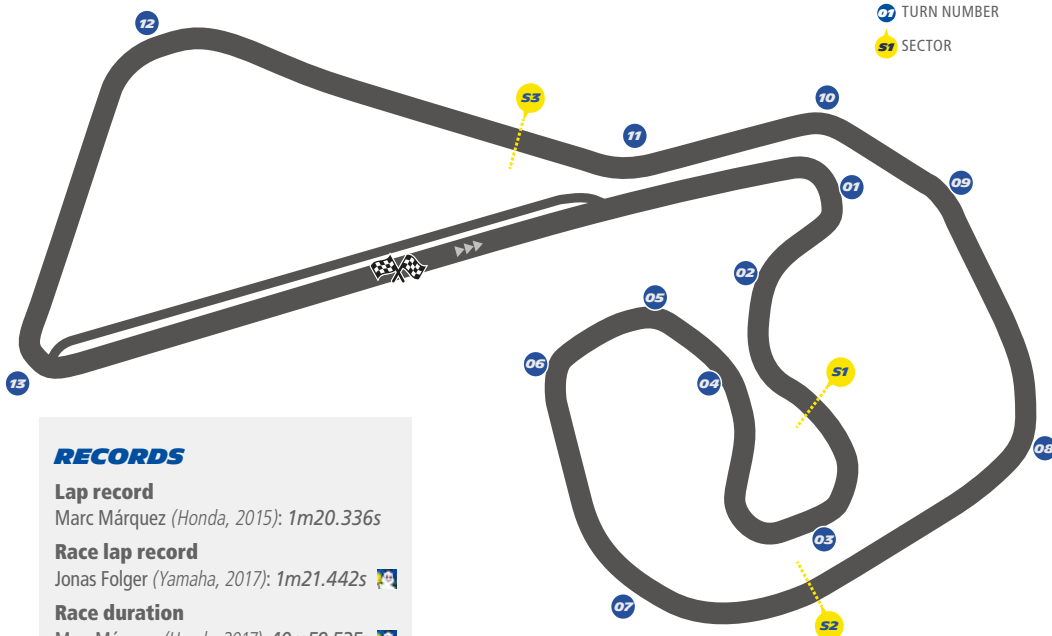


TIMETABLE

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

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

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



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
3.671 KM	12 M	3	10	700 M	30	110.1 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)



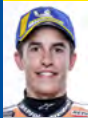
PIERO TARAMASSO,
Michelin Motorsport Two-Wheel Manager:

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**



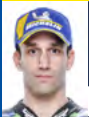
JACK MILLER
#43

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**

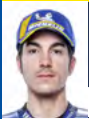


HAFIZ SYAHRIN
#55

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

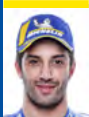


ALEX RINS
#42

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				Wins	Podium	Points	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
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													

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

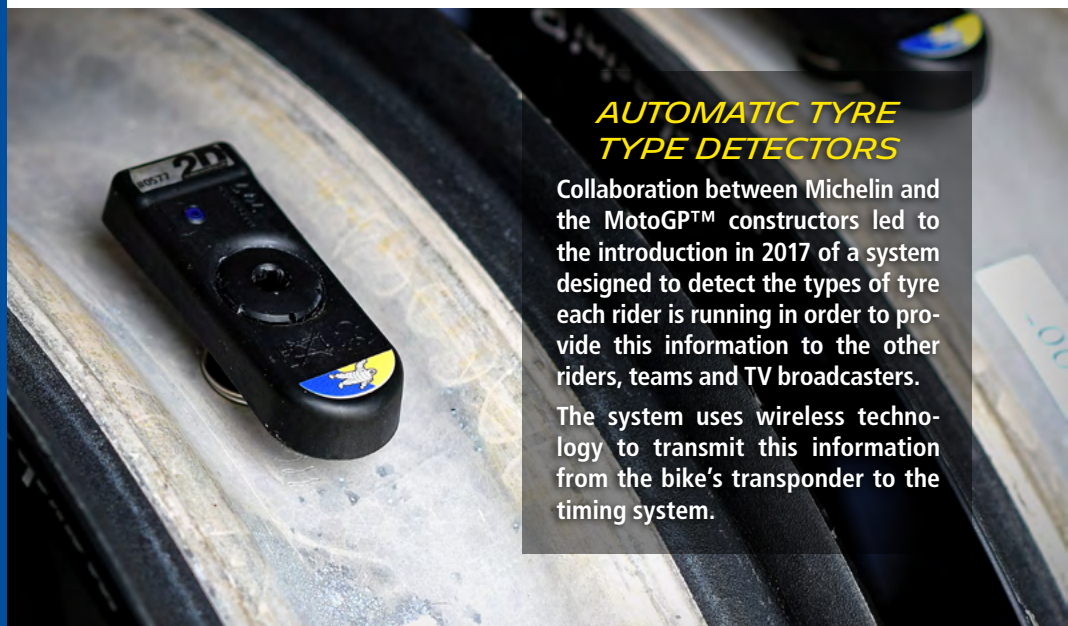
Tyre Air Pressure Sensors have been mandatory in MotoGP™ since the 2016 Italian Grand Prix at Mugello.



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

