

#### **MOTUL TT ASSEN** Warm Up Classification



	6	Rider	Nation	Team	Motorcycle	Time Lap Total	Gap Top S	Speed
1	12	Maverick VIÑALES	SPA	Monster Energy Yamaha MotoGP	YAMAHA	<b>1'33.677</b> 12 13		304.0
2	4	Andrea DOVIZIOSO	ITA	Ducati Team	DUCATI	<b>1'34.022</b> 12 13	0.345 0.345	308.2
3	20	Fabio QUARTARARO	FRA	Petronas Yamaha SRT	YAMAHA	<b>1'34.042</b> 8 8	0.365 0.020	296.1
4	93	Marc MARQUEZ	SPA	Repsol Honda Team	HONDA	<b>1'34.227</b> 12 12	0.550 0.185	304.8
5	42	Alex RINS	SPA	Team SUZUKI ECSTAR	SUZUKI	<b>1'34.254</b> 11 12	0.577 0.027	304.5
6	44	Pol ESPARGARO	SPA	Red Bull KTM Factory Racing	KTM	<b>1'34.332</b> 12 13	0.655 0.078	305.1
7	30	Takaaki NAKAGAMI	JPN	LCR Honda IDEMITSU	HONDA	<b>1'34.415</b> 11 11	0.738 0.083	301.8
8	9	Danilo PETRUCCI	ITA	Ducati Team	DUCATI	<b>1'34.417</b> 9 10	0.740 0.002	304.0
9	36	Joan MIR	SPA	Team SUZUKI ECSTAR	SUZUKI	<b>1'34.424</b> 12 12	0.747 0.007	300.3
10	21	Franco MORBIDELLI	ITA	Petronas Yamaha SRT	YAMAHA	<b>1'34.450</b> 8 13	0.773 0.026	297.8
11	43	Jack MILLER	AUS	Pramac Racing	DUCATI	<b>1'34.475</b> 12 12	0.798 0.025	309.8
12	35	Cal CRUTCHLOW	GBR	LCR Honda CASTROL	HONDA	<b>1'34.714</b> 10 11	1.037 0.239	306.6
13	46	Valentino ROSSI	ITA	Monster Energy Yamaha MotoGP	YAMAHA	<b>1'34.793</b> 12 13	1.116 0.079	299.0
14	63	Francesco BAGNAIA	ITA	Pramac Racing	DUCATI	<b>1'34.978</b> 11 11	1.301 0.185	304.3
15	29	Andrea IANNONE	ITA	Aprilia Racing Team Gresini	APRILIA	<b>1'35.013</b> 7 11	1.336 0.035	297.8
16	5	Johann ZARCO	FRA	Red Bull KTM Factory Racing	KTM	<b>1'35.094</b> 8 9	1.417 0.081	301.2
17	88	Miguel OLIVEIRA	POR	Red Bull KTM Tech 3	KTM	<b>1'35.120</b> 9 12	1.443 0.026	299.6
18	41	Aleix ESPARGARO	SPA	Aprilia Racing Team Gresini	APRILIA	<b>1'35.210</b> 6 8	1.533 0.090	302.3
19	53	Tito RABAT	SPA	Reale Avintia Racing	DUCATI	<b>1'35.272</b> 11 12	1.595 0.062	303.0
20	17	Karel ABRAHAM	CZE	Reale Avintia Racing	DUCATI	<b>1'35.405</b> 8 11	1.728 0.133	302.0
21	55	Hafizh SYAHRIN	MAL	Red Bull KTM Tech 3	KTM	<b>1'35.926</b> 10 10	2.249 0.521	298.5

Practice condition: Dry

Air: 27° **Humidity: 51%** Ground: 33°

Fastest Lap:	Lap: 12	Maverick VIÑALES	1'33.677	174.5 Km/h
Best Race Lap:	2015	Marc MARQUEZ	1'33.617	174.6 Km/h
All Time Lap Record:	2019	Fabio QUARTARARO	1'32.017	177.6 Km/h

The results are provisional until the end of the limit for protest and appeals.

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# MOTUL TT ASSEN Warm Up Top Speed & Average

### MotoGP™

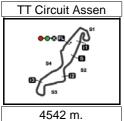
26

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6	Rider	Nation	Motorcycle		Тор	5 spee	eds		Average	Тор
43	Jack MILLER	AUS	DUCATI	309.8	306.5	306.3	305.5	304.6	306.5	309.8
4	Andrea DOVIZIOSO	ITA	DUCATI	308.2	308.0	306.8	305.5	305.4	306.8	308.2
35	Cal CRUTCHLOW	GBR	HONDA	306.6	305.0	303.2	302.4	302.1	303.9	306.6
44	Pol ESPARGARO	SPA	KTM	305.1	304.5	304.5	301.9	301.5	303.5	305.1
93	Marc MARQUEZ	SPA	HONDA	304.8	304.6	303.6	303.0	300.0	303.2	304.8
42	Alex RINS	SPA	SUZUKI	304.5	304.4	303.7	302.6	302.1	303.5	304.5
63	Francesco BAGNAIA	ITA	DUCATI	304.3	303.5	302.2	300.6	299.9	302.1	304.3
9	Danilo PETRUCCI	ITA	DUCATI	304.0	303.2	303.2	302.9	302.8	303.2	304.0
12	Maverick VIÑALES	SPA	YAMAHA	304.0	302.0	301.3	301.1	300.9	301.9	304.0
53	Tito RABAT	SPA	DUCATI	303.0	301.0	300.6	300.5	299.5	300.9	303.0
41	Aleix ESPARGARO	SPA	APRILIA	302.3	299.1	297.1	295.4	280.6	294.9	302.3
17	Karel ABRAHAM	CZE	DUCATI	302.0	299.6	298.5	297.2	297.1	298.9	302.0
30	Takaaki NAKAGAMI	JPN	HONDA	301.8	301.5	299.5	298.7	298.6	300.0	301.8
5	Johann ZARCO	FRA	KTM	301.2	298.4	296.2	294.4	292.8	296.6	301.2
36	Joan MIR	SPA	SUZUKI	300.3	300.2	300.0	299.7	298.8	299.6	300.3
88	Miguel OLIVEIRA	POR	KTM	299.6	298.8	298.5	298.2	297.3	298.5	299.6
46	Valentino ROSSI	ITA	YAMAHA	299.0	298.3	297.3	296.5	295.4	297.3	299.0
55	Hafizh SYAHRIN	MAL	KTM	298.5	298.1	298.0	297.6	296.8	297.8	298.5
21	Franco MORBIDELLI	ITA	YAMAHA	297.8	295.7	295.2	295.1	294.5	295.7	297.8
29	Andrea IANNONE	ITA	APRILIA	297.8	296.2	295.9	295.8	295.1	296.2	297.8
20	Fabio QUARTARARO	FRA	YAMAHA	296.1	296.0	295.9	295.7	294.7	295.7	296.1

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#### MotoGP™

## MOTUL TT ASSEN Warm Up Chronological Analysis of Performances

27

- \* Lap / Sector time cancelled
- 71 Time from finish line to 1st intermediate
- 73 Time from 2nd intermed. to 3rd intermed.

- Crossing the finish line in pit lane
   Tyre data subject to further updates
- 72 Time from 1st intermed. to 2nd intermed.
- 74 Time from 3rd intermediate to finish line

19	re data s	ubject to turtne	er upaates										
Lap	Lap Tim	<u>10 T1 </u>	<i>T2</i>	<i>T3</i>	T4	Speed	Lap	Lap Time	9 <u>T1</u>	<i>T2</i>	<i>T3</i>	T4	Speed
1s	t 12	Maverick \			AMAHA	SPA	3	1'39.205	31.294	14.310	27.527	26.074	294.7
13	12	Monster Ene	rgy Yamaha	a MotoGP			4	1'34.977	31.442	14.295	27.482	21.758	296.1
				Total laps=		laps=11	5	1'34.504	31.180	14.224	27.359	21.741	296.0
Run	<i>#</i> 1	Front Tyre S	Blick-Mediu	ım <i>Rear T</i>	<i>yre</i> Slick-l	Hard	6	1'34.529	31.182	14.250	27.431	21.666	295.7
			New Tyre	•	4 Laps	at start	7	1'47.399	40.804	15.651	28.984	21.960	261.6
1	2'18.503	31.250	15.137	28.781	22.440	289.0	8	1'34.042	31.024	14.124	27.308	21.586	295.9
2	1'37.858	33.117	14.334	27.622	22.785	298.8			Marc MAR	OHE7	Ц	ONDA	SPA
3	1'35.450	31.828	14.288	27.500	21.834	297.0	4th	<b>4</b>	Repsol Honda		!!	ONDA	OI A
4	1'34.223	31.240	14.094	27.301	21.588	299.9			•		Total laps=	-12 Fı	ıll laps=8
5	1'34.729	* 31.502*	14.099	27.495	21.633	302.0	Run	# 1	Front Tyre S				
6	1'33.900	31.101	14.044	27.248	21.507	301.1	Kuli	# '	=	aps at sta		9 Laps	
7	1'34.545	31.105	14.038	27.293	22.109	304.0	1	1'52.858	32.934	15.934	30.743	23.605	278.7
8	1'42.094	34.108	16.880	28.510	22.596	186.1	2	1'40.172	34.103	15.006	28.713	22.350	291.9
9	1'34.840	31.359	14.188	27.579	21.714	299.6	3	1'38.096	33.706	14.502	27.889	21.999	299.2
10	1'41.180	35.255	16.730	27.612	21.583	216.8	4		31.429	14.357	27.798	21.742	298.7
11	1'33.910	31.191	13.995	27.213	21.511	300.9	5	1'35.326 1'34.488	31.106	14.216	27.540	21.626	303.0
12	1'33.677	30.947	13.953	27.258	21.519	301.3	6	1'34.826	31.222	14.251	27.709	21.644	300.0
13	1'48.175	40.254	14.555	29.552	23.814	299.8	7	1'45.794		14.883	28.889	29.098	288.6
		Andres De	2/17/06/	<b>3</b> DI	IOATI	ITA			Front Tyre S				
2nc	d 4	Andrea DC Ducati Team		<b>)</b> DI	JCATI	ПА	Kun	# 2	-	aps at sta		13 <i>Laps</i>	
		1		Total lana	.12 Eull	lono_11		0'54 000	31.677	15.024	28.839	22.515	288.6
	" A	Front Tyre \$		Total laps=		laps=11	8 9	2'51.860	31.440	14.258	27.875	21.981	303.6
Run	# 1	-					-	1'35.554					
	0140 044		Laps at sta		4 Laps 8		10	1'34.276	31.045	14.062	27.570	21.599	304.6
1	2'10.811		15.290	29.493	23.267	286.7	11	1'38.177		14.513	27.969	22.223* 21.537	299.3
2	1'39.272		14.557	28.056	22.598	305.5	12	1'34.227	31.031	14.031	27.628	21.537	304.8
3	1'36.152		14.359	27.731	22.044	304.9	Eth	42	Alex RINS		S	UZUKI	SPA
4	1'34.590		14.131	27.434	21.876	305.4	5th	4.7	Team SUZU	(I ECSTAR			
5	1'40.644			27.591	21.846	306.8			ı	Runs=3	Total laps=	=12 Fı	ıll laps=7
6	1'34.818		14.264	27.613	21.914	308.0	Run	# 1	Front Tyre S	lick-Hard	Rear	Tyre Slick-	Hard
7	1'35.151		14.235	27.623	21.767	303.9				New Tyre	•	Nev	v Tyre
8	1'43.875		16.989	30.882	21.827	237.5	1	2'13.765	P 32.798	15.389	29.225	31.469	286.0
9	1'34.520		14.224	27.439	21.733	293.8	Run	# 2	Front Tyre S	lick-Soft	Rear	<i>Tyre</i> Slick-	Soft
10	1'34.854		14.267	27.480	22.024	295.4	,,,,,,	<i>"</i> –		aps at sta			v Tyre
11	1'37.903		14.183	30.744	21.840	304.4	2	2'20.333	P 32.186	14.855	28.293	30.153	297.3
12	1'34.022				21.703				Front Tyre S			yre Slick-	
13	1'38.140	34.600	14.126	27.526	21.888	305.1	,,,,,,	,, 0		aps at sta		10 <i>Laps</i>	
0		Fabio QUA	ARTARAI	RO YA	AMAHA	FRA	3	2'28.164	35.250	14.653	27.811	22.348	297.7
3rc	d 20	Petronas Yar					4	1'39.715	33.868	14.580	29.232	22.035	301.1
		•	Runs=1	Total laps	=8 Fu	ıll laps=7	5	1'34.500	31.182	14.055	27.308	21.955	304.5
Run	<i>ı</i> # 1	Front Tyre §					6	1'34.728	31.173	14.235	27.452	21.868	302.0
,,,,,,,	•	,	New Tyre		8 Laps		7	1'45.625		20.318*		22.038	277.4
1	8'44.201	* 36.783	15.405	31.225	23.361*		8	1'34.697	31.223	14.311	27.355	21.808	302.1
2	1'36.665		14.532	27.882	22.041	294.2	9	1'34.389	31.206	14.215	27.207	21.761	304.4
_		32.2.0				·· <b>-</b>	5	. 0003	31.200			201	557.7
			~			_							
Fas	test Lap:	Maverick V	INALES		Monster	Energy Ya	ama SI	PA 1	'33.677	30.947	13.953	27.258 2	21.519

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Assen, Sunday, June 30, 2019





Warm Up **MotoGP** *T2 T3* Lap Speed T4 Speed Lap Time T Lap Lap Time T2 14.094 303.2 10 1'35.960 32.918 27.234 303.7 8 31.251 14.286 27.421 21.750 .714 1'34.708 14.042 27.316 21.744 302.6 9 31.028 14.266 27.358 21.765 302.9 11 1'34.254 31.152 1'34.417 38.500 15.115 29.645 23.406 288.5 10 31.072 14.254 27.414 21.749 302.8 12 1'46.666 1'34.489 SPA SPA Pol ESPARGARO Joan MIR SUZUKI **KTM** 36 6th 9th 44 Red Bull KTM Factory Racing Team SUZUKI ECSTAR Runs=1 Total laps=13 Full laps=12 Runs=2 Total laps=12 Full laps=10 Front Tyre Slick-Medium Rear Tyre Slick-Hard Rear Tyre Slick-Soft 1 1 Front Tyre Slick-Hard Run # Run# New Tyre New Tyre New Tyre 2'17.084 Ρ 33.853 15.589 29.718 1 1'53.824 30.961 15.553 29.458 23.725 282.4 30.252 289.0 2 1'41.740 34.951 15.182 28.720 22.887 288.8 Run# 2 Front Tyre Slick-Soft Rear Tyre Slick-Soft 3 1'37.080 32.450 14.505 27.881 22.244 300.0 **New Tyre** 4 Laps at start 4 41.583 14.785 27.672 21.994 293.3 1'46.034 2 31.847 14.900 28.434 2'08.659 22.463 295.3 5 27.487 22.038 300.1 31.853 14.234 1'35.612 3 35.093 14.536 27.749 22.300 298.8 1'39.678 6 34.759 15.288 30.169 27.825 272.3 1'48.041 4 1'35.703 31.438 14.616 27.600 22.049 297.4 7 1'35.346 31.639 14.222 27.536 21.949 301.5 5 31.115 14.519 27.395 21.967 297.0 1'34 996 8 31.354 14.239 27.517 21.749 301.9 1'34.859 6 14.347 27.486 21.920 1'34.747 30.994 300.3 27.917 9 1'40.332 36.076 14.446 21.893 300.9 7 14.364 27.467 21.957 297.9 1'34.935 31.147 14.225 27.995 21.864 10 1'35.271 31.187 304.5 8 14.252 27.345 21.825 297.1 1'34.548 31.126 31.428 27.612 22.072 305.1 11 1'35.224 14.112 9 1'41.023 36.565 14.448 27.942 22.068 300.2 21.556 12 1'34.332 31.239 14.130 27.407 304.5 10 31.009 14.214 27.501 21.899 299.7 1'34.623 13 43.858 20.335 30.262 24.207 227.6 14.167 27.318 298.8 1'58.662 11 31.073 21.873 1'34.431 30.958 27.403 21.917 300.0 12 1'34.424 14.146 JPN Takaaki NAKAGAMI **HONDA** 30 7th LCR Honda IDEMITSU Franco MORBIDELLI ITA YAMAHA 21 10th Full laps=8 Runs=2 Total laps=11 Petronas Yamaha SRT Rear Tyre Slick-Medium Run# 1 Front Tyre Slick-Soft Runs=1 Total laps=13 Full laps=12 **New Tyre New Tyre** Run# 1 Front Tyre missing data Rear Tyre missing data 1 2'12.037 34.315 15.894 29.676 22.929 276.1 Laps at start New Tyre 2 31 748 14 576 27 721 21 885 298 6 1'35.930 1 2'11.209 32.164 15.409 28.981 22.879 283.6 3 1'39.873 35.475 14.752 27.816 21.830 294.3 2 1'36.251 31.686 14.694 27.795 22.076 291.5 4 1'34.470 31.103 14.277 27.312 21.778 298.7 3 33.482 14.678 27.589 21.862 292.6 1'37.611 5 1'49.997 36.208 15.062 29.217 29.510 284.6 4 1'34.667 31.130 14.402 27.446 21.689 292.9 Run# 2 Front Tyre Slick-Soft Rear Tyre Slick-Medium 5 1'34.863 31.285 14.304 27.577 21.697 295.1 15 Laps at start 5 Laps at start 6 31.129 14.350 27.568 21.810 297.8 1'34.857 6 3'07.241 32.972 18.666 35.805 26.949\* 188.4 7 31.218 14.359 27.599 21.736 295.7 1'34.912 7 32.303 14.641 27.954 24.547 299.5 8 31.001 14.318 27.409 21.722 292.9 1'39.445 1'34.450 8 1'35.946 31.705 14.486 27.837 21.918 297.4 9 1'40.475 35.314 14.978 28.047 22.136 277.2 31.229 27.382 21.795 14.403 294.3 9 14.224 301.5 10 31.050 27.337 21.755 1'34.630 1'34 545 10 1'42.814 35.081 14.951 30.470 22.312 289.4 11 1'34.791 31.140 14.302 27.405 21.944 294.2 31.160 14.134 27.454 21.667 301.8 12 31.153 14.371 27.470 21.788 295.2 1'34.415 1'34.782 13 31.111 14.304 27.397 21.815 294.5 1'34.627 **DUCATI** ITA Danilo PETRUCCI 9 8th **Ducati Team DUCATI AUS** Jack MILLER 11th 43 Pramac Racing Runs=2 Total laps=10 Full laps=7 Front Tyre Slick-Medium Rear Tyre Slick-Hard Full laps=8 Run# 1 Runs=2 Total laps=12 Front Tyre Slick-Soft Rear Tyre Slick-Medium 7 Laps at start New Tyre Run# 1 280.1 33.782 30.314 22.551 **New Tyre** 1 2'00.018 15.165 New Tyre 2 31.914 27,606 22.753 299.6 1 31.245 15.661 22.759 276.2 1'36.736 14.463 2'22.202 29.163 3 34.793 27.469 22.135 298.5 2 14.515 28.091 306.3 1'38.993 14.596 1'39.313 31.867 24.840 4 1'35.087 31.260 14.307 27.395 22.125 304.0 3 1'36.509 31.776 14.720 27.848 22.165 304.1 5 31.281 27.325 21.747 303.2 4 14.995 14.291 34.352 28.063 22.383 297.6 1'34.644 1'39.793 5 6 1'59.472 Р 40.198 19.462 30.370 29.442 151.9 1'35.173 31.273 14.440 27.501 21.959 305.5 6 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 1'36.956 31.751 14.780 28.181 22.244 302.6 Run # 7 14.538 27.730 303.7 13 Laps at start 6 Laps at start 31.375 22.049 1'35.692 32.696 14.793 22.013 296.5 8 1'41.943 35.353 15.110 28.646 22.834 301.0 5'31.013 27.905 Fastest Lap: Maverick VIÑALES Monster Energy Yama SPA 1'33.677 30.947 13.953 27.258 21.519

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Warm Up **MotoGP** *T2 T3* Lap Lap Time T4 Speed T4 Speed Lap Lap Time <u>T1</u> T2 27.885 304.3 9 1'58.062 36.924 16.822 30.233 34.083 262.2 7 31.391 14.394 22.009 1'35.679 Р 30.876 302.2 Front Tyre Slick-Soft Rear Tyre Slick-Medium 8 1'44.721 31.504 14.579 27.762 Run# 9 Laps at start 9 Laps at start 2 Front Tyre Slick-Soft Rear Tyre Slick-Hard Run# 10 29.839 1'58.601 31.508 14.858 22.118 304.6 8 Laps at start 12 Laps at start 11 1'37.826 33.632 14.458 27.658 22.078\* 306.5 9 4'08.731 31.955 15.161 28.491 22.32 291.3 27.404 27.570 22.014 300.6 12 1'34.475 31.061 14.177 21.833 309.8 10 1'35.524 31.479 14.461 31.238 21.825 14.416 27.499 299.9 11 1'34.978 Cal CRUTCHLOW **HONDA GBR** 35 LCR Honda CASTROL Andrea IANNONE **APRILIA** ITA 29 Aprilia Racing Team Gresini Full laps=6 Runs=2 Total laps=11 Run# 1 Front Tyre Slick-Medium Rear Tyre Slick-Hard Runs=2 Total laps=11 Full laps=8 8 Laps at start **New Tyre** 1 Front Tyre Slick-Medium Rear Tyre Slick-Hard Run # 33.441 30.339 23.309 284.4 **New Tyre** New Tyre 1 2'01.505 15.371 32.522 2 1'40.225 14.750 30.398 22.555 298.1 1 1'53.195 32.508 15.903 30.462 23.709 270.2 3 31.718 295.9 1'35.984 14.520 27.678 22.068 295.6 2 1'40.719 34.553 14.820 28.843 22.503 4 31.346 14.405 27.729 21.942 296.4 3 34.585 14.759 27.970 22.261 294.6 1'35.422 1'39.575 5 31.561 14.281 27.535 21.832 305.0 4 14 384 27 717 295.8 1'35.209 1'35.465 31.477 21.887 306.6 6 1'41.999 P 31 282 14.237 27.461 29.019 5 14.363 27.612 21.874 296.2 1'38.462 34.613 Front Tyre Slick-Medium Rear Tyre Slick-Hard 6 35.305 14.584 29.211 22.122 291.9 Run# 2 1'41.222 21.632 10 Laps at start 6 Laps at start 7 1'35.013 31.470 14.271 27.640 297.8 7 8 1'48.374 Р 34.980 14.998 28.649 29.747 287.8 3'44.352 30.976 15.133 29.260 22.558 294.7 8 33.006 14.690 28.385 31.408 302.1 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 1'47.489 Run# 8 Laps at start 9 31.742 14.380 27.632 21.983 303.2 8 Laps at start 1'35.737 10 1'34.714 31.282 14.221 27.392 21.819 302.4 9 3'30.759 31.645 14.963 28.531 22.273 290.7 1'45.274 37.791 15.057 28.736 23.690\* 289.9 10 31.429 14.251 27.606 21.753 295.1 1'35.039 258.1 11 35.207 15.969 29.932 22.593 1'43,701 YAMAHA ITA Valentino ROSSI 13th 46 Monster Energy Yamaha MotoGP Johann ZARCO FRA KTM 5 16th Full laps=12 Red Bull KTM Factory Racing Runs=1 Total laps=13 Run # 1 Front Tyre Slick-Soft Rear Tyre Slick-Soft Runs=2 Total laps=9 Full laps=5 3 Laps at start 3 Laps at start 1 Front Tyre Slick-Medium Rear Tyre Slick-Hard Run# 2'05.441 7 Laps at start 31.597 22.961 286.3 4 Laps at start 1 15.377 29.095 2 32.839 27.896 22.263 291.1 2'20.103 15.912 23.596 1'37.731 14.733 1 32.050 30.289 273.0 3 1'38.877 34.105 14.951 27.683 22.138 283.8 2 1'37.366 32.335 14.817 27.978 22.236 296.2 4 1'35,201 31.324 14.454 27,466 21.957 295.4 3 1'36.141 31.660 14.585 27.584 22.312 294.4 5 1'35.209 31.405 14.329 27.572 21.903 296.5 4 1'45.500 32.001 14.920 28.290 30.289 281.6 6 27.581 298.3 1'35.072 31.202 14.326 21.963 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard Run # 7 31.215 14.396 27.675 21.947 295.0 11 Laps at start 1'35.233 8 Laps at start 295.1 8 1'39.333 35.037 14.623 27 682 21 991 5 6'56.730 30.552 14.894 28.553 22.421 287.0 9 35.761 14.627 30.055 24.356 291.4 1'44.799 6 1'35.680 31.590 14.441 27.607 22.042 298.4 10 34.614 14.551 27.568 21.907 295.2 35.855\* 14.540 27 520 22.018 292.8 1'38.640 7 1'39.933 34.993 27.503 21.975 14.424 297.3 11 1'38.895 8 1'35.094 31.261 14.360 27.603 21.870 301.2 12 1'34.793 31.188 14.300 27.430 21.875 299.0 9 1'39.892 33.775 14.741 28.628 22.748 281.9 13 1'35.001 31.199 14.283 27.539 21.980 295.2 POR Miguel OLIVEIRA **KTM** 88 ΙΤΔ Francesco BAGNAIA **DUCATI** Red Bull KTM Tech 3 14th 63 Pramac Racing Total laps=12 Runs=1 Full laps=11 Total laps=11 Front Tyre Slick-Medium Rear Tyre Slick-Hard Runs=2 Full laps=8 Run# 1 Front Tyre Slick-Soft Rear Tyre Slick-Soft Run# 1 7 Laps at start **New Tyre New Tyre** 4 Laps at start 1 1'59.884 34.130 15.321 29.660 23.288 274.6 1 2'02.061 33.498 29.612 22.997 273.9 22.541 15.710 2 32.353 14.590 27.832 293.0 1'37.316 2 33.223 14.896 28.359 22.457 287.8 1'38.935 3 31.821 14.427 27.902 22.228 296.0 1'36.378 3 31.923 14.649 27.762 22.106 291.9 1'36,440 4 31.598 14.387 27.622 22.028 298.5 1'35.635 4 31.432 14.565 28.103 22.034 298.2 5 1'36.134 31.490 15.129 29.349 22.110 295.8 1'38.078 5 1'35.969 31.835 14.421 27.511 22.202 303.5 6 31.517 14.469 27.587 22.165 290.0 1'35.738 6 34.999 14.739 27.718 22.224 297.6 1'39.680 7 1'46.120 41.521 14.540 27.761 22.298 287.5

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Monster Energy Yama SPA



Maverick VIÑALES

Fastest Lap:



30.947

13.953

1'33.677



27.258

21.519

Waı	m Up													Mot	юGР
Lap	Lap Tim	е	T1	' T2	? <i>T</i> 3	<i>T4</i>	Speed	Lap	Lap Tir	ne		<i>T1 7</i>	2 T		Speed
8	1'35.561		31.538	14.323	27.631	22.069	297.3	Run	# 2	Fr	ont Tyre	Slick-Med	ium <i>Rear 1</i>	Tyre Slick-S	Soft
9	1'35.120	] [	31.398	14.286	27.498	21.938	298.8				9	Laps at st	art	New	v Tyre
10	1'35.272		31.418	14.318	27.556	21.980	298.2	10	3'22.65	2 P	32.261	14.709	28.205	28.921	297.1
11	1'51.636		37.896	14.841	34.805	24.094	278.1	Run	# 3	Fr	ont Tyre	Slick-Med	ium <i>Rear 1</i>	<i>yre</i> Slick-S	oft
12	1'35.457		31.460	14.313	27.530	22.154	299.6					Laps at st		13 Laps a	at start
401		Alei	x ESPA	RGARO	) AF	PRILIA	SPA	11	2'38.53	7	32.076	15.257	28.524	22.442	287.9
18t	h 41			Team Gre				04 -		На	fizh SY	AHRIN	K <sup>-</sup>	TM	MAL
			R	luns=2	Total laps	=8 Fu	ull laps=5	<b>21s</b>	t 55			M Tech 3			
Rur	# 1	Fron	t Tyre SI	ick-Mediu	ım <i>Rear T</i>	vre Slick-	Soft			_		Runs=2	Total laps=	:10 Fu	ıll laps=7
			<b>7</b> La	aps at sta	rt	3 Laps	at start	Run	# 1	Fr	ont Tyre	Slick-Med	ium <i>Rear 1</i>	Tyre Slick-H	Hard
1	1'53.317		33.862	15.734	34.332	23.682	278.7				7	Laps at st	art	New	v Tyre
2	1'39.938		33.837	14.948	28.759	22.394	295.4	1	2'21.24	7	34.782	15.483	29.677	23.622	286.2
3	1'47.453		38.269	15.276	29.363	24.545	280.6	2	1'37.98	1	32.237	14.868	28.532	22.344	296.8
4	1'36.412		32.032	14.561	27.791	22.028	297.1	3	1'39.28	6	34.446	14.802	27.817	22.221	293.7
5	1'38.165		33.731	14.318	28.211	21.905	299.1	4	1'36.87	6	32.022	14.700	27.805	22.349	295.4
6	1'35.210		31.482	14.275	27.581	21.872	302.3	5	1'38.40	5	34.039	14.622	27.777	21.967	298.0
7	1'54.216		37.063	15.201	29.669	32.283	277.1	6	1'36.36	0	31.561	14.533	27.933	22.333	298.5
Rur	# 2	Fron	•		ım <i>Rear T<sub>,</sub></i>			7	1'57.43	8 P	38.821	15.985	30.421	32.211	266.1
			<b>14</b> <i>La</i>	aps at sta		<b>10</b> <i>Laps</i>	at start	Run	# 2	Fr	ont Tyre	Slick-Med	ium <i>Rear T</i>	<i>Tyre</i> Slick-H	lard
8	8'29.859		32.306	16.185	28.963	22.521	252.3				14	Laps at st	art	7 Laps a	at start
404	. 50	Tito	RABAT	Γ	DI	JCATI	SPA	8	4'36.09		35.040			22.535	263.1
19t	h 53		e Avintia I		50	,,,,,,		9	1'36.30		31.684		_	22.129	297.6
			R	Runs=2	Total laps=	12 Fu	ull laps=8	10	1'35.92	6	31.596	14.429	27.857	22.044	298.1
Rur	<i>,</i> # 1	Fron	t Tyre SI	ick-Soft	Rear T	vre Slick-	Soft								
			<b>3</b> <i>La</i>	aps at sta	rt	4 Laps	at start								
1	1'55.719	Р	31.607	15.790	29.890	31.884	283.3								
Rur	# 2	Fron	nt Tyre SI	ick-Mediu	ım <i>Rear T</i>	vre Slick-	Hard								
			6 <i>L</i> a	aps at sta	rt	6 Laps	at start								
2	2'30.370	*	35.146	15.795	30.860	25.464*	279.2								
3	1'39.573	*	33.519*	14.950	28.425	22.679	296.8								
4	1'36.092		31.693	14.466	27.731	22.202	300.6								
_															

**New Tyre** 4 Laps at start 1'54.055 33.138 15.575 29.388 23.796 274.6 2 1'39.626 33.340 15.007 28.668 22.611 296.6 3 1'41.019 33.340 14.847 28.411 24.421 296.4 4 1'36.024 31.544 14.470 27.819 22.191 298.5 27.756 22.413 5 31.540 14.506 299.6 1'36.215 6 1'42.960 36.439 16.280 27.892 22.349 222.8 27.908 22.990 297.2 7 1'39.796 \* 34.434\* 14.464 8 1'35.405 31.580 14.231 27.606 21.988 302.0 9 1'47.939 P 32.482 14.586 28.732 32.139 296.0

Fastest Lap: Maverick VIÑALES Monster Energy Yama SPA 1'33.677 30.947 13.953 27.258 21.519

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5

6

8

9

10

11

12

20th

Run#

1'37.685

1'36.697

1'36.142

1'36.709

1'36.154

1'35.594

1'35.272

1'44.683

17

32.656

32.004

31.693

31.725

31.653

31.547

31.347

31.423

Karel ABRAHAM

Reale Avintia Racing

14.616

14.523

14.467

14.772

14.484

14.188

Runs=3

17.016\*

28.123

28.031

27.894

28.051

27.808

27.767

31.173

Total laps=11

14.396 27.727

Front Tyre Slick-Medium Rear Tyre Slick-Soft

22.290

22.139

22.088

22.161

22.209

21.924

21.970

**DUCATI** 

25.071\*

286.2

300.5

299.1

299.5

296.5

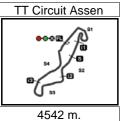
296.9

301.0

303.0

Full laps=6

CZE



#### **MOTUL TT ASSEN Official Starting Grid**

**MotoGP™** 

Race: 26 laps = 118.092 km

1	1	<b>2</b>	<b>3</b>
	1'32.017	1'32.157	1'32.458
	<b>20 Fabio QUARTARARO</b>	<b>12 Maverick VIÑALES</b>	<b>42 Alex RINS</b>
	Yamaha	Yamaha	Suzuki
2	4	<b>5</b>	6
	1'32.731	1'33.085	1'33.228
	<b>93 Marc MARQUEZ</b>	<b>36 Joan MIR</b>	<b>35 Cal CRUTCHLOW</b>
	Honda	Suzuki	Honda
3	7	<b>8</b>	9
	1'33.282	1'33.295	1'33.314
	9 Danilo PETRUCCI	<b>30 Takaaki NAKAGAMI</b>	21 Franco MORBIDELLI
	Ducati	Honda	Yamaha
4	<b>10</b>	11	<b>12</b>
	1'33.323	1'33.692	1'33.762
	<b>43 Jack MILLER</b>	4 Andrea DOVIZIOSO	<b>44 Pol ESPARGARO</b>
	Ducati	Ducati	KTM
5	13	14	15
	1'33.221	1'33.466	1'33.547
	63 Francesco BAGNAIA	46 Valentino ROSSI	41 Aleix ESPARGARO
	Ducati	Yamaha	Aprilia
6	<b>16</b>	17	<b>18</b>
	1'33.583	1'33.776	1'33.869
	<b>17 Karel ABRAHAM</b>	5 Johann ZARCO	<b>55 Hafizh SYAHRIN</b>
	Ducati	KTM	KTM
7	19	20	<b>21</b>
	1'33.960	1'33.706	1'34.580
	<b>29 Andrea IANNONE</b>	88 Miguel OLIVEIRA	<b>53 Tito RABAT</b>
	Aprilia	KTM	Ducati

#### FIM MotoGP Stewards grid penalty for rider #88

The results are provisional until the end of the limit for protest and appeals and until the ratification of the Event Management Committee.

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4542 m.

# MOTUL TT ASSEN Warm Up Best Partial Times

IT Ideal Lap Time, sum of the best partial times

BT Best Lap Time

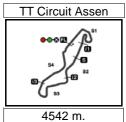
		<i>T2</i>		<i>T3</i>		<i>T4</i>					
Pos Rider	Time	Rider	Time	Rider	Time	Rider	Time	Pos Rider	IT	ВТ	
1 M.VIÑALES	30.947	M.VIÑALES	13.953	A.RINS	27.207	M.VIÑALES	21.507	1 M.VIÑALES	1'33.620	1'33.677	(1)
2 J.MIR	30.958	A.DOVIZIOSO	13.970	M.VIÑALES	27.213	M.MARQUEZ	21.537	2 A.DOVIZIOSO	1'34.022	1'34.022	(2)
3A.DOVIZIOSO	30.974	M.MARQUEZ	14.031	F.QUARTARARO	27.308	P.ESPARGARO	21.556	3 F.QUARTARAR	1'34.042	1'34.042	(3)
4F.MORBIDELLI	31.001	A.RINS	14.042	T.NAKAGAMI	27.312	F.QUARTARARO	21.586	4 A.RINS	1'34.115	1'34.254	(5)
5F.QUARTARARO	31.024	P.ESPARGARO	14.112	J.MIR	27.318	A.IANNONE	21.632	5 M.MARQUEZ	1'34.139	1'34.227	(4)
6 D.PETRUCCI	31.028	F.QUARTARARO	14.124	D.PETRUCCI	27.325	T.NAKAGAMI	21.667	6 T.NAKAGAMI	1'34.216	1'34.415	(7)
7 M.MARQUEZ	31.031	T.NAKAGAMI	14.134	F.MORBIDELLI	27.337	F.MORBIDELLI	21.689	7 J.MIR	1'34.247	1'34.424	(9)
8 J.MILLER	31.061	J.MIR	14.146	A.DOVIZIOSO	27.375	A.DOVIZIOSO	21.703	8 P.ESPARGAR	1'34.262	1'34.332	(6)
9T.NAKAGAMI	31.103	J.MILLER	14.177	C.CRUTCHLOW	27.392	A.RINS	21.714	9 F.MORBIDELLI	1'34.329	1'34.450 (1	10)
10 A.RINS	31.152	T.RABAT	14.188	J.MILLER	27.404	D.PETRUCCI	21.747	10 D.PETRUCCI	1'34.354	1'34.417	(8)
11 P.ESPARGARO	31.187	C.CRUTCHLOW	14.221	P.ESPARGARO	27.407	C.CRUTCHLOW	21.819	11 J.MILLER	1'34.475	1'34.475 (1	11)
12 V.ROSSI	31.188	K.ABRAHAM	14.231	V.ROSSI	27.430	J.MIR	21.825	12 C.CRUTCHLO	1'34.714	1'34.714 (1	12)
13 F.BAGNAIA	31.238	A.IANNONE	14.251	M.OLIVEIRA	27.498	F.BAGNAIA	21.825	13 V.ROSSI	1'34.776	1'34.793 (1	13)
14 J.ZARCO	31.261	D.PETRUCCI	14.254	F.BAGNAIA	27.499	J.MILLER	21.833	14 A.IANNONE	1'34.918	1'35.013 (1	15)
15 C.CRUTCHLOW	31.282	A.ESPARGARO	14.275	J.ZARCO	27.520	J.ZARCO	21.870	15 <b>F.BAGNAIA</b>	1'34.956	1'34.978 (1	14)
16T.RABAT	31.347	V.ROSSI	14.283	M.MARQUEZ	27.540	A.ESPARGARO	21.872	16 J.ZARCO	1'35.011	1'35.094 (1	16)
17 M.OLIVEIRA	31.398	M.OLIVEIRA	14.286	A.ESPARGARO	27.581	V.ROSSI	21.875	17 M.OLIVEIRA	1'35.120	1'35.120 (1	17)
18 A.IANNONE	31.429	F.MORBIDELLI	14.302	K.ABRAHAM	27.606	T.RABAT	21.924	18 T.RABAT	1'35.186	1'35.272 (1	19)
19 A.ESPARGARO	31.482	J.ZARCO	14.360	A.IANNONE	27.606	M.OLIVEIRA	21.938	19 A.ESPARGAR	1'35.210	1'35.210 (1	18)
20 K.ABRAHAM	31.540	F.BAGNAIA	14.394	T.RABAT	27.727	H.SYAHRIN	21.967	20 K.ABRAHAM	1'35.365	1'35.405 (2	20)
21 H.SYAHRIN	31.561	H.SYAHRIN	14.429	H.SYAHRIN	27.777	K.ABRAHAM	21.988	21 <b>H.SYAHRIN</b>	1'35.734	1'35.926 (2	21)

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#### **MOTUL TT ASSEN Warm Up Fastest Laps Sequence**

### MotoGP™

	-▲					
Practice Time	Rider	Nation	Motorcycle	Time	Km/h	Rider's Lap
3'33.030	93 Marc MARQUEZ	SPA	HONDA	1'40.172	163.2	2
3'33.255	41 Aleix ESPARGARO	SPA	APRILIA	1'39.938	163.6	2
3'33.681	17 Karel ABRAHAM	CZE	DUCATI	1'39.626	164.1	2
3'36.754	9 Danilo PETRUCCI	ITA	DUCATI	1'36.736	169.0	2
3'47.460	21 Franco MORBIDELLI	ITA	YAMAHA	1'36.251	169.8	2
3'47.967	30 Takaaki NAKAGAMI	JPN	HONDA	1'35.930	170.4	2
5'31.811	12 Maverick VIÑALES	SPA	YAMAHA	1'35.450	171.3	3
6'46.452	93 Marc MARQUEZ	SPA	HONDA	1'35.326	171.5	4
6'50.834	9 Danilo PETRUCCI	ITA	DUCATI	1'35.087	171.9	4
6'59.738	21 Franco MORBIDELLI	ITA	YAMAHA	1'34.667	172.7	4
7'00.825	4 Andrea DOVIZIOSO	ITA	DUCATI	1'34.590	172.8	4
7'02.310	30 Takaaki NAKAGAMI	JPN	HONDA	1'34.470	173.0	4
7'06.034	12 Maverick VIÑALES	SPA	YAMAHA	1'34.223	173.5	4
10'14.663	12 Maverick VIÑALES	SPA	YAMAHA	1'33.900	174.1	6
19'54.909	12 Maverick VIÑALES	SPA	YAMAHA	1'33.677	174.5	12

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