

Race Analysis

World Championship 2019

1500 free Final result

Name	Result	Speed	off time
1* Florian Wellbrock	14:36.54	1.71	00:00.68
2* Mykhailo Romanchuk	14:37.63	1.71	00:00.74
3* Gregorio Paltrinieri	14:38.75	1.71	00:00.76

Split comparison

	1' 50"	2' 50"	3' 50"	4' 50"	5' 50"	6' 50"	7' 50"	8' 50"	9' 50"	10' 50"	11' 50"	12' 50"	13' 50"	14' 50"	15' 50"	16' 50"	17' 50"	18' 50"	19' 50"	20' 50"	21' 50"	22' 50"	23' 50"	24' 50"	25' 50"	26' 50"	27' 50"	28' 50"	29' 50"	30' 50"
Lap Time	00:27.09	00:29.00	00:29.12	00:29.23	00:29.53	00:29.17	00:29.47	00:29.21	00:29.54	00:29.25	00:29.53	00:29.38	00:29.81	00:29.48	00:29.75	00:29.51	00:29.45	00:29.20	00:29.41	00:29.24	00:29.64	00:29.54	00:29.71	00:29.74	00:29.60	00:29.44	00:29.41	00:29.46	00:29.71	00:27.66
Gap to the first Time	00:00.12	00:00.06	00:00.25	00:00.21	00:00.55	00:00.38	00:00.69	00:00.35	00:00.52	00:00.08	00:00.17	00:00.00	00:00.11	00:00.01	00:00.21	00:00.05	00:00.40	00:00.46	00:00.63	00:00.19	00:00.40	00:00.15	00:00.40	00:00.00	00:00.11	00:00.00	00:00.17	00:00.00	00:00.00	00:00.00
Lap Time	00:27.59	00:29.36	00:28.83	00:29.36	00:28.99	00:29.49	00:29.03	00:29.46	00:29.18	00:29.67	00:29.33	00:29.66	00:29.45	00:29.85	00:29.33	00:29.84	00:29.25	00:29.68	00:28.92	00:29.71	00:29.25	00:29.71	00:29.35	00:29.78	00:29.33	00:29.67	00:29.14	00:29.41	00:28.35	00:27.66
Gap to the first Time	00:00.62	00:00.92	00:00.82	00:00.91	00:00.71	00:00.86	00:00.73	00:00.64	00:00.45	00:00.43	00:00.32	00:00.43	00:00.18	00:00.45	00:00.23	00:00.40	00:00.35	00:00.89	00:00.57	00:00.60	00:00.42	00:00.34	00:00.22	00:00.26	00:00.10	00:00.25	00:00.15	00:00.41	00:00.69	00:01.09
Lap Time	00:28.97	00:29.06	00:29.91	00:29.27	00:29.19	00:29.34	00:29.16	00:29.55	00:29.37	00:29.69	00:29.44	00:29.56	00:29.69	00:29.58	00:29.55	00:29.67	00:29.30	00:29.34	00:29.28	00:29.48	00:29.42	00:29.79	00:29.47	00:29.77	00:29.48	00:29.57	00:29.18	00:29.42	00:28.66	00:28.61
Gap to the first Time	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.01	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.00	00:00.03	00:00.00	00:00.05	00:00.00	00:00.27	00:00.86	00:02.21

First
Second
Third



Swimming parameters analysis

	1' 300"	2' 300"	3' 300"	4' 300"	5' 300"	Total	First 1400m	Last 100m
Florian Wellbrock	01:48.26	01:49.87	01:50.69	01:50.48	01:47.58	09:06.88	08:32.36	00:34.52
Total time	00:18.04	00:18.31	00:18.45	00:18.41	00:17.93	00:18.23	00:18.30	00:17.26
Av Time	Speed	Metro/Sec	1.66	1.64	1.63	1.63	1.67	1.65
1.64	1.74	Stroke Rate	32.3	32.3	32.7	32.8	35.5	33.3
32.9	39.7	Stroke Time	00:01.80	00:01.86	00:01.83	00:01.70	00:01.80	00:01.83
00:01.51	DPS	Cm	299.2	304.5	298.1	298.4	284.3	296.9
299.3	262.7	DPS Index	4.98	4.99	4.85	4.86	4.75	4.89
4.91	4.57							

	1' 300"	1' 300"	1' 300"	1' 300"	1' 300"	Total	First 1400m	Last 100m
Mykhailo Romanchuk	01:48.75	01:49.84	01:50.16	01:49.87	01:47.43	09:06.05	08:31.30	00:34.75
Total time	00:18.12	00:18.31	00:18.36	00:18.31	00:17.91	00:18.20	00:18.26	00:17.37
Av Time	Speed	Metro/Sec	1.66	1.64	1.63	1.64	1.68	1.65
1.64	1.73	Stroke Rate	32.7	31.9	31.9	32.4	34.6	32.7
32.3	39.2	Stroke Time	00:01.83	00:01.88	00:01.88	00:01.85	00:01.75	00:01.84
00:01.86	00:01.58	DPS	303.5	308.4	307.8	303.8	292.3	303.2
305.4	271.9	DPS Index	5.03	5.05	5.03	4.98	4.90	5.00
5.02	4.69							

	1' 300"	1' 300"	1' 300"	1' 300"	1' 300"	Total	First 1400m	Last 100m
Gregorio Paltrinieri	01:47.65	01:49.55	01:49.70	01:48.71	01:48.46	09:05.59	08:29.47	00:35.62
Total time	00:17.94	00:18.26	00:18.28	00:18.29	00:18.08	00:18.17	00:18.20	00:17.81
Av Time	Speed	Metro/Sec	1.67	1.64	1.64	1.64	1.68	1.65
1.65	1.68	Stroke Rate	44.1	43.7	43.7	43.5	43.7	44.2
43.7	44.2	Stroke Time	00:01.36	00:01.37	00:01.37	00:01.38	00:01.37	00:01.37
00:01.36	00:01.36	DPS	227.5	229.9	225.2	226.0	227.8	226.5
226.3	228.8	DPS Index	3.81	3.71	3.70	3.71	3.78	3.74
3.73	3.86							

Turn parameters analysis

	Turn total	before 5m	5m before	5m after	15m after	15m	First 1400m	Turn total	before 5m	5m before	5m after	15m after	15m	Last 100m	Turn total	before 5m	5m before	5m after	15m after	15m	
Total 1500m	Time	05:20.80	02:24.22	01:30.02	00:54.20	02:56.58	00:11.06	00:04.97	00:03.10	00:01.87	00:06.09	00:10.32	00:04.97	00:03.11	00:01.87	00:06.11	00:10.32	00:04.96	00:03.09	00:01.87	00:05.76
Av Time	Time	00:11.06	00:04.97	00:03.10	00:01.87	00:06.09	00:10.32	00:04.97	00:03.11	00:01.87	00:06.11	00:10.32	00:04.97	00:03.11	00:01.87	00:06.11	00:10.32	00:04.96	00:03.09	00:01.87	00:05.76
Speed	Metro/Sec	1.81	2.01	1.61	2.68	1.64	1.94	2.01	1.61	2.68	1.64	1.94	2.01	1.61	2.68	1.64	1.86	2.02	1.62	2.67	1.73

	Turn total	5m before	5m before	5m after	15m after	from 5 to 15m
Total 1500m	Time	05:22.23	02:23.00	01:33.43	00:49.57	02:59.23
Av Time	Time	00:11.11	00:04.93	00:03.22	00:01.71	00:06.18
Speed	Metro/Sec	1.80	2.03	1.55	2.93	1.62

	Turn total	5m before	5m before	5m after	15m after	from 5 to 15m
First 1400m	Time	05:00.43	02:13.03	01:27.02	00:46.01	02:47.40
Total time	Time	00:10.36	00:04.93	00:03.22	00:01.70	00:06.20
Av Time	Time	00:10.36	00:04.93	00:03.22	00:01.70	00:06.20
Speed	Metro/Sec	1.93	2.03	1.55	2.93	1.61

	Turn total	5m before	5m before	5m after	15m after	from 5 to 15m
Last 100m	Time	00:21.80	00:09.97	00:06.41	00:03.56	00:11.83
Total time	Time	00:10.90	00:04.99	00:03.21	00:01.78	00:05.91
Av Time	Time	00:10.90	00:04.99	00:03.21	00:01.78	00:05.91
Speed	Metro/Sec	1.83	2.01	1.56	2.81	1.69

	Turn total	5m before	5m before	5m after	15m after	from 5 to 15m
Total 1500m	Time	05:24.16	02:27.92	01:32.27	00:55.65	02:56.24
Av Time	Time	00:11.18	00:05.10	00:03.18	00:01.92	00:06.07
Speed	Metro/Sec	1.79	1.96	1.57	2.61	1.65

	Turn total	5m before	5m before	5m after	15m after	from 5 to 15m
First 1400m	Time	05:02.04	02:17.71	01:25.96	00:51.75	02:44.33
Total time	Time	00:10.42	00:05.10	00:03.18	00:01.92	00:06.09
Av Time	Time	00:10.42	00:05.10	00:03.18	00:01.92	00:06.09
Speed	Metro/Sec	1.92	1.96	1.57	2.61	1.64

	Turn total	5m before	5m before	5m after	15m after	from 5 to 15m
Last 100m	Time	00:22.12	00:10.21	00:06.31	00:03.50	00:11.91
Total time	Time	00:11.06	00:05.11	00:03.16	00:01.95	00:05.96
Av Time	Time	00:11.06	00:05.11	00:03.16	00:01.95	00:05.96
Speed	Metro/Sec	1.81	1.96	1.58	2.56	1.68

