

# Race Analysis



World Champ 2019 - Gwangju - Korea

Name	Result	Average Speed
Anton Chupkov	02:06.12	1.59

Race	Take off time
200 Breast Final	00:00.63

**NEW World Record**

	1' 50	2' 50	3' 50	4' 50
Time	00:29.73	00:32.49	00:32.01	00:31.89

	1' 25	2' 25	3' 25	4' 25	5' 25	6' 25	7' 25	8' 25	2' 100
Time	00:13.58	00:16.15	00:16.31	00:16.18	00:16.22	00:15.79	00:16.21	00:15.68	01:03.90

Total underwater parameters		
Underwater phase time	Time	00:25.98 20.60%
Underwater phase measure	Metre	48.25 24.13%
Underwater phase speed	Metre/Sec	1.86

Phases Speed		1' 50	2' 50	3' 50	4' 50
Lap	Time	00:29.73	00:32.49	00:32.01	00:31.89
Average Lap Speed	Metre/Sec	1.68	1.54	1.56	1.57
Speed of the swimming areas	Metre/Sec	1.52	1.48	1.54	1.53
Underwater phase time	Time	00:07.48	00:06.51	00:06.15	00:05.84
Breakout measure	Metre	16.20	11.60	10.30	10.15
Underwater phase speed	Metre/Sec	2.17	1.78	1.67	1.74
Speed difference Underwater/Swimming	Metre/Sec	0.65	0.30	0.14	0.21
Stroke Number	Number	11 +1	12 +1	15 +1	22 +1

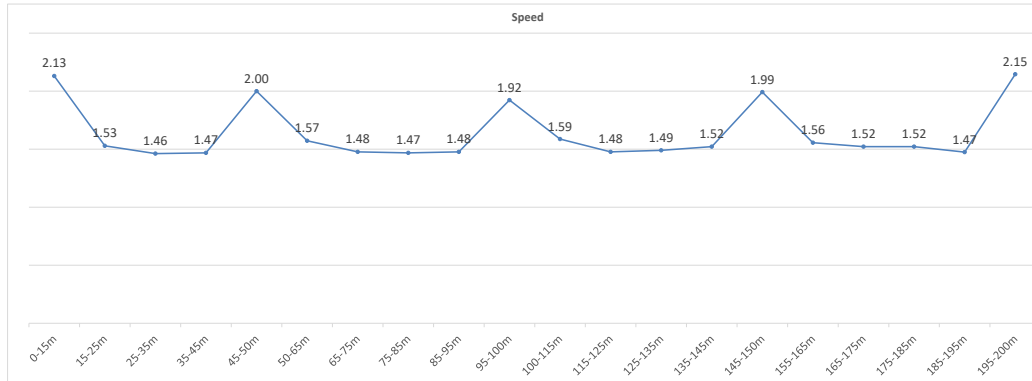
	Start 15m	15-25m	25-35m	35-45m	45-50m	50-65m	65-75m	75-85m	85-95m	95-100m	100-115m	115-125m	125-135m	135-145m	145-150m	150-165m	165-175m	175-185m	185-195m	195-200m	Average swimming parameters	
Split	Time	00:07.04	00:13.58	00:20.42	00:27.23	00:29.73	00:39.27	00:46.04	00:52.85	00:59.62	01:02.22	01:11.67	01:18.44	01:25.15	01:31.72	01:34.23	01:43.87	01:50.44	01:57.01	02:03.79	02:06.12	
Lap	Time	00:07.04	00:06.54	00:06.84	00:06.81	00:02.50	00:09.54	00:06.77	00:06.81	00:06.77	00:02.60	00:09.45	00:06.77	00:06.71	00:06.57	00:02.51	00:09.64	00:06.57	00:06.57	00:06.78	00:02.33	
Speed	Metre/Sec	2.13	1.53	1.46	1.47	2.00	1.57	1.48	1.47	1.48	1.92	1.59	1.48	1.49	1.52	1.99	1.56	1.52	1.52	1.47	2.15	1.49
Stroke Rate	Cycle/Min	27.4	25.9	23.4	27.7	27.7	26.1	33.8	36.0	33.3	45.3	52.9	60.0									34.6
Stroke Tempo	Time	00:02.19	00:02.31	00:02.56	00:02.17	00:02.17	00:02.30	00:01.78	00:01.67	00:01.80	00:01.32	00:01.13	00:01.00									
Distance per stroke	Cm	334.9	338.2	320.0	320.0	320.0	262.4	253.7	201.4	167.2												274.7
Stroke index	SPS*Speed	5.12	4.97	4.73	4.73	4.73	3.88	3.86	3.07	2.47												4.10

1* Turn 45-65m	
Time	00:12.04
Speed	1.66

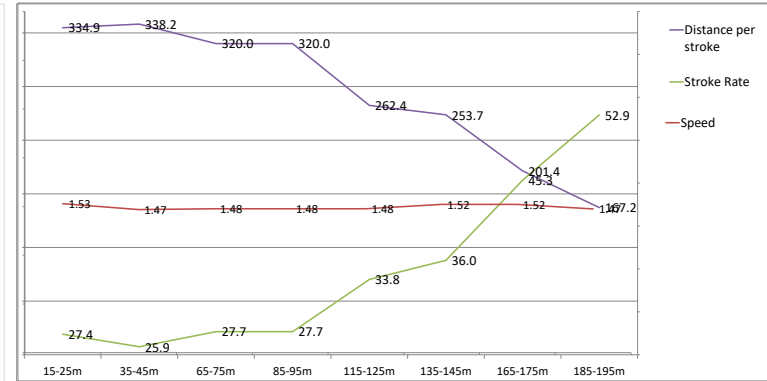
2* Turn 100-115m	
Time	00:12.05
Speed	1.65

3* Turn 150-165m	
Time	00:12.15
Speed	1.65

Speed evolution



Comparison Distance per stroke - Stroke Rate - Speed



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