

id	QDot	time (s)	x (mm)	y (mm)	z (mm)	u (mm/s)	v (mm/s)	w (mm/s)	speed (mm/s)	Gross displacement (mm)	Net displacement (mm)
1	red	0	66.13	84.21	388.88	NA	NA	NA	NA	0	0
1	red	1	73.08	86.65	396.16	0.66	0.04	0.62	0.91	10.6	10.36
1	red	2	82.33	84.04	404.51	0.72	-0.55	0.68	1.13	23.51	22.51
1	red	3	90.54	84.67	414.72	1.3	0.73	1.56	2.16	37.67	35.55
1	red	4	101.3	90.11	427.48	0.95	0.38	1.15	1.54	55.33	52.55
1	red	5	112.79	86.01	439.77	1.24	-0.77	0.94	1.73	73.73	69.07
1	red	6	120.33	79.63	442.92	0.27	-0.04	-0.09	0.29	87.49	76.67
1	red	7	120.88	76.39	446.79	-0.34	0	0	0.34	96.92	80.08
1	red	8	119.75	76.89	445.45	0	0.88	0	0.88	102.35	78.29
1	red	9	118.8	89.81	439.64	-0.52	2.1	0.88	2.33	118.53	73.36
2	red	0	111.49	91.24	240.3	NA	NA	NA	NA	0	0
2	red	1	99.44	89.64	225.75	-1.17	0.84	-1.37	1.99	25.18	18.96
2	red	2	86.93	90.07	212.05	-1.46	-0.91	-1.98	2.62	44.33	37.45
2	red	3	74.91	80.89	198.71	-1.16	-1.66	-0.71	2.15	65.36	56.35
2	red	4	69.1	69.63	187.14	0.26	-1.55	-2.23	2.73	84.55	71.34
2	red	5	70.22	64.2	174.03	1.12	-1.05	-1.99	2.51	100	82.62
2	red	6	79.67	57.84	153.97	1.11	-1.16	-2.69	3.13	123.27	97.88
2	red	7	83.27	50.38	137.52	-1.37	-0.9	-1.08	1.96	143.76	114.15
2	red	8	84.34	46.49	119.27	0.06	0.17	-2.07	2.08	164.9	131.86
2	red	9	91.57	51.8	98.51	-0.04	1.23	-1.75	2.14	188.98	148.52
3	red	0	44.19	106.43	216.47	NA	NA	NA	NA	0	0
3	red	1	50.52	97.28	215.9	0.87	-0.95	-0.26	1.31	11.87	11.14
3	red	2	61.31	94.02	217.89	0.86	-0.1	0.09	0.87	23.92	21.19
3	red	3	66.52	85.36	221.59	-0.37	-1.96	0.65	2.1	37.3	31.13
3	red	4	69.42	69.95	224.7	0.49	-1.84	0.33	1.93	53.67	45.11
3	red	5	66.51	57.77	227.3	-0.51	-0.93	0.31	1.11	67.28	54.62
3	red	6	60.34	57.71	231.25	-0.37	0.29	0.33	0.57	75.86	53.41
3	red	7	66.36	60.43	238.5	0.27	-0.81	0.49	0.98	88.82	55.61
3	red	8	69.9	49.24	243.73	1	-1.39	0.95	1.96	102	68.37
3	red	9	79.14	37.7	248.81	0.2	-1.28	0.91	1.59	117.84	83.61
4	red	0	32.1	112.57	124.53	NA	NA	NA	NA	0	0
4	red	1	31.8	111.81	125.33	0.24	0.35	-0.07	0.43	5.47	1.14
4	red	2	30.91	113.48	125.67	0.08	-0.77	-0.25	0.81	11.93	1.88
4	red	3	33.04	113.98	125.12	0.62	-0.07	-0.7	0.93	17.14	1.79
4	red	4	31.23	114.13	124.79	-0.07	-0.39	-0.03	0.4	23.54	1.81
4	red	5	31.38	113.34	126.56	-0.34	0.29	0.85	0.96	26.72	2.29
4	red	6	32.03	112.85	125.09	0.48	-0.23	0.16	0.56	32.07	0.63
4	red	7	33.44	113.35	124.25	0.05	-0.07	-0.07	0.11	37.68	1.58
4	red	8	32.28	114.6	124.4	0.16	0.01	-0.3	0.33	41.92	2.04
4	red	9	31.72	114.74	125.18	0.42	0.69	-0.06	0.81	50.07	2.3

5	yellow	0	135.03	10.58	492.79	NA	NA	NA	NA	0	0
5	yellow	1	133.26	9.38	491.75	-0.15	-0.24	-0.09	0.3	5.53	2.38
5	yellow	2	133.2	12.12	493.61	-1.08	0.13	-0.47	1.18	13.36	2.53
5	yellow	3	134.6	9.99	494.34	-0.32	0.72	-0.1	0.8	20.88	1.71
5	yellow	4	133.29	13.48	491.76	0.33	-0.15	0	0.36	27.71	3.54
5	yellow	5	134.2	9.88	487.41	-0.04	0.21	-0.33	0.4	36.33	5.49
5	yellow	6	134.2	13.3	484.12	0.03	0.14	-0.5	0.52	42.24	9.12
5	yellow	7	134.31	14.29	480.65	0.03	0.22	0	0.22	46.71	12.71
5	yellow	8	134.02	15.3	478.12	-0.2	0.04	0.28	0.35	50.87	15.44
5	yellow	9	134.54	15.18	476.44	0.17	0.02	-0.49	0.51	55.27	16.99
6	yellow	0	129.53	37.49	187.8	NA	NA	NA	NA	0	0
6	yellow	1	129.42	35.58	176.15	-0.93	0.2	-0.66	1.16	17.58	11.81
6	yellow	2	134.2	29.04	164.75	0.18	-0.44	-1.44	1.51	37.67	24.99
6	yellow	3	128.17	34.7	154.41	-1.66	-0.16	-1.17	2.03	54.12	33.53
6	yellow	4	131.09	22.95	143.4	-0.5	-0.74	-0.76	1.18	72.82	46.75
6	yellow	5	134.56	21.04	129.88	-0.41	-0.12	-0.52	0.68	89.31	60.42
6	yellow	6	128.58	20.67	130.43	1.02	-0.01	0	1.03	98.88	59.79
6	yellow	7	124.4	23.84	116.93	-0.95	0.24	-1.37	1.68	116.72	72.35
6	yellow	8	121.5	23.55	105.52	-0.59	1.17	-0.83	1.55	130.18	83.84
6	yellow	9	123.7	23.4	90.32	0.98	0.78	-0.48	1.34	149.93	98.67
7	yellow	0	84.05	98.59	98.72	NA	NA	NA	NA	0	0
7	yellow	1	87.04	98.88	96.7	0.19	0.02	-0.17	0.26	8.13	3.62
7	yellow	2	86.26	102.3	97.25	-0.33	-0.05	-0.12	0.35	16.22	4.56
7	yellow	3	85.06	103.45	97.54	0.11	0.57	0.17	0.6	18.94	5.1
7	yellow	4	89.59	107.59	95.28	0.03	0.05	0.09	0.1	26.45	11.11
7	yellow	5	87.1	108.45	96.46	-0.03	0.01	-0.05	0.06	30.05	10.57
7	yellow	6	84.89	108.03	98.01	-0.4	0.06	0.24	0.47	38.43	9.5
7	yellow	7	83.81	108.69	99.05	-0.44	0.58	0.15	0.74	42.36	10.11
7	yellow	8	80.54	109.7	100.32	0.02	-0.02	-0.12	0.12	49.72	11.76
7	yellow	9	79.54	110.66	101.35	-0.4	0.97	-0.27	1.08	55.99	13.15
8	yellow	0	122.19	19.63	80.73	NA	NA	NA	NA	0	0
8	yellow	1	121.08	19.57	81.9	-0.77	-0.18	1.16	1.4	3.44	1.61
8	yellow	2	120.23	14.06	81.95	0.45	-0.53	-0.5	0.86	14.93	6.03
8	yellow	3	123.55	11.3	78.38	0.35	0.13	-0.44	0.57	21.4	8.76
8	yellow	4	126.44	11.54	75.3	0.1	0.02	-0.1	0.14	26.43	10.63
8	yellow	5	127.12	11.13	74.94	0.11	-0.05	-0.02	0.12	27.9	11.41
8	yellow	6	126.9	11.14	74.9	0.05	0.04	0	0.07	29.68	11.32
8	yellow	7	126.67	11.84	74.44	0.06	0.05	-0.11	0.13	30.93	10.97
8	yellow	8	126	11.63	75.79	0.02	0.03	-0.1	0.1	32.62	10.14
8	yellow	9	125.73	11.9	75.63	-0.07	0.02	-0.01	0.07	33.68	9.91