Input Data and Solutions, where: N, number of Heat of the sequence when the strands are closed; Tu, total number of heats programmed in the current tundish; Q1, steel quality of the current tundish; L, number of strands available after disruptor event; Tn, weigth in the laddle of the Heat N at the time that rescheduling is calculated; Q2, steel quality of next programmed tundish; S, secuancibility index; Rn+1, reapplicability index between heats N and N+1; Rn+2, reapplicability index between heats N+1 and N+2; Ht, time of preheating of the next tundish programmed; Tr, rearm time of the machine, if needed; TSP, time to achieve standard production speed, based in the standard plant solution; ITTa, time to achieve standard production speed, if proposed algorithm is used; TII, time improvement index or difference in time, between algorithm proposed soution and standard solution to get to the standard porduction speed ; TII(m), difference shown in minutes.

N	Tu	Q1	L	Tn	Q2	S	Rn+1	Rn+2	Ht	Tr	TSPb	TSPa	TII	TII (m)
4	12	PE325	3	20	FC800	No	No	Yes	0:00:00	0:00:00	5:18:43	4:05:01	1:13:42	74
16	16	PC480	5	105	PN156	No	Yes	Yes	2:54:47	0:00:00	3:25:13	2:56:14	0:28:59	29
7	12	BG125	2	58	HC650	No	No	No	0:00:00	0:00:00	5:04:50	5:04:50	0:00:00	0
10	13	FC800	5	103	HC650	No	No	No	0:00:00	0:00:00	3:24:18	3:24:18	0:00:00	0
4	15	HC650	4	25	FC800	No	Yes	Yes	0:00:00	0:00:00	6:25:44	3:57:57	2:27:47	148
7	16	PC480	1	7	BG125	No	No	No	0:00:00	0:00:00	5:47:58	5:44:37	0:03:20	3
6	13	PC480	2	24	FC800	No	No	Yes	0:00:00	0:00:00	5:20:14	5:00:53	0:19:21	19
2	13	BG125	0	34	FC800	No	Yes	Yes	0:00:00	0:00:00	5:24:02	5:24:02	0:00:00	0
10	13	PC480	4	76	PN156	No	Yes	Yes	0:00:00	0:00:00	3:59:59	3:59:59	0:00:00	0
4	15	PE325	0	7	PC480	No	Yes	Yes	0:00:00	0:00:00	5:13:46	5:13:46	0:00:00	0
12	14	BG125	2	9	PE325	No	No	No	0:04:42	0:00:00	4:29:46	4:13:22	0:16:24	16
7	16	BG125	0	24	FC800	No	Yes	Yes	0:00:00	0:00:00	5:20:14	5:20:14	0:00:00	0
2	13	PC480	0	45	PE325	No	Yes	Yes	0:00:00	0:00:00	5:28:13	5:28:13	0:00:00	0
7	15	FC800	5	76	FC800	Sí	Yes	Yes	0:00:00	0:55:00	3:55:42	3:55:42	0:00:00	0
8	16	HC650	1	5	PC480	No	Yes	Yes	0:00:00	0:00:00	5:13:01	5:11:07	0:01:54	2
16	16	PE325	1	36	BG125	No	Yes	Yes	2:18:47	0:00:00	3:56:48	3:43:01	0:13:47	14
4	16	FC800	1	59	FC800	Sí	No	Yes	0:00:00	0:55:00	5:33:32	5:20:39	0:12:53	13
5	12	FC800	1	90	BG125	No	No	Yes	0:00:00	0:00:00	6:27:34	6:27:34	0:00:00	0
13	13	BG125	2	57	PC480	No	Yes	Yes	2:29:44	0:00:00	5:04:07	3:03:02	2:01:05	121
7	16	HC650	1	19	BG125	No	No	No	0:00:00	0:00:00	5:53:41	5:44:37	0:09:04	9
7	13	HC650	2	23	FC800	No	No	No	0:00:00	0:00:00	5:19:51	4:59:44	0:20:07	20
1	12	PE325	2	83	FC800	No	No	Yes	0:00:00	0:00:00	5:42:39	5:11:07	0:31:33	32
14	16	PN156	4	55	PN156	Sí	Yes	Yes	0:28:42	0:55:00	3:48:01	3:48:01	0:00:00	0
1	14	HC650	3	5	PN156	No	No	Yes	0:00:00	0:00:00	5:13:01	3:53:37	1:19:24	79
1	13	FC800	2	77	FC800	Sí	No	No	0:00:00	0:55:00	5:40:22	5:11:07	0:29:16	29
8	14	PN156	3	79	PE325	No	Yes	Yes	0:00:00	0:00:00	5:41:08	4:49:52	0:51:16	51
6	14	HC650	2	102	FC800	No	No	Yes	0:00:00	0:00:00	5:49:52	5:11:07	0:38:46	39
13	15	BP235	1	85	BP235	Sí	No	Yes	0:44:21	0:55:00	6:24:21	6:24:21	0:00:00	0
7	15	PN156	5	94	PE325	No	No	No	0:00:00	0:00:00	4:03:54	4:03:54	0:00:00	0
12	16	BP235	2	79	PN156	No	No	No	0:00:00	0:00:00	6:06:47	5:11:07	0:55:40	56
1	12	BG125	2	45	HC650	No	Yes	Yes	0:00:00	0:00:00	4:55:32	4:16:56	0:38:36	39
12	14	BG125	1	92	PE325	No	No	Yes	0:48:00	0:00:00	4:58:04	4:58:04	0:00:00	0
1	15	BG125	0	54	BP235	No	Yes	Yes	0:00:00	0:00:00	6:50:46	6:50:46	0:00:00	0
4	14	BG125	0	88	BG125	Sí	No	Yes	0:00:00	0:55:00	6:26:37	6:26:37	0:00:00	0
3	12	FC800	1	87	PC480	No	Yes	Yes	0:00:00	0:00:00	5:44:10	5:44:10	0:00:00	0

7	16	PE325	4	36	PE325	Sí	No	No	0:00:00	0:55:00	5:48:18	4:04:14	1:44:04	104
12	16	PC480	1	99	BP235	No	Yes	Yes	0:00:00	0:00:00	7:16:48	7:16:48	0:00:00	0
15	16	BG125	1	64	BG125	Sí	No	Yes	1:33:23	0:55:00	4:41:46	4:41:46	0:00:00	0
12	14	BG125	1	86	HC650	No	No	No	0:44:52	0:00:00	4:58:55	4:58:55	0:00:00	0
7	12	PC480	2	89	FC800	No	No	Yes	0:00:00	0:00:00	5:44:56	5:11:07	0:33:49	34
4	12	PN156	3	47	PN156	Sí	Yes	Yes	0:00:00	0:55:00	5:28:58	4:25:32	1:03:26	63
10	15	BP235	2	33	PN156	No	No	No	0:00:00	0:00:00	5:26:52	5:11:07	0:15:46	16
12	12	FC800	2	76	PC480	No	Yes	Yes	2:39:39	0:00:00	3:35:00	3:00:20	0:34:39	35
12	13	PN156	4	41	BP235	No	Yes	Yes	1:21:23	0:00:00	3:41:57	3:41:57	0:00:00	0
14	15	PN156	2	38	PN156	Sí	No	No	1:19:50	0:55:00	4:05:44	3:51:17	0:14:26	14
11	13	FC800	2	86	PE325	No	No	Yes	0:44:52	0:00:00	4:58:55	4:44:10	0:14:46	15
6	12	BP235	2	6	PN156	No	Yes	Yes	0:00:00	0:00:00	5:03:27	4:07:23	0:56:04	56
5	13	PE325	2	87	BP235	No	Yes	Yes	0:00:00	0:00:00	7:09:52	6:19:32	0:50:19	50
4	14	PC480	2	45	BG125	No	Yes	Yes	0:00:00	0:00:00	6:06:06	5:44:37	0:21:28	21
7	16	PC480	0	92	HC650	No	No	No	0:00:00	0:00:00	5:46:04	5:46:04	0:00:00	0
5	14	FC800	1	104	PN156	No	Yes	Yes	0:00:00	0:00:00	5:50:38	5:50:38	0:00:00	0
6	13	HC650	1	53	BG125	No	No	No	0:00:00	0:00:00	6:09:55	5:44:37	0:25:17	25
9	13	HC650	4	65	PE325	No	No	No	0:00:00	0:00:00	4:15:34	4:15:34	0:00:00	0
6	14	BP235	0	23	PE325	No	No	No	0:00:00	0:00:00	5:19:51	5:19:51	0:00:00	0
6	12	FC800	2	87	BP235	No	Yes	Yes	0:00:00	0:00:00	7:09:52	6:19:32	0:50:19	50
7	12	BG125	1	11	PC480	No	Yes	Yes	0:00:00	0:00:00	5:15:17	5:11:07	0:04:11	4
9	12	HC650	4	94	PC480	No	No	Yes	0:00:00	0:00:00	4:10:15	4:10:15	0:00:00	0
9	15	BP235	1	31	FC800	No	Yes	Yes	0:00:00	0:00:00	5:22:54	5:11:07	0:11:47	12
13	14	PE325	3	42	PN156	No	No	No	1:21:55	0:00:00	4:05:10	3:49:12	0:15:58	16
15	15	PN156	1	59	PC480	No	Yes	Yes	2:30:47	0:00:00	3:28:32	3:02:45	0:25:47	26
12	12	PC480	3	48	BP235	No	Yes	Yes	2:25:03	0:00:00	4:42:18	4:22:16	0:20:03	20
12	15	BP235	1	75	PC480	No	No	No	0:00:00	0:00:00	5:39:37	5:16:15	0:23:22	23
11	16	PE325	0	107	HC650	No	Yes	Yes	0:00:00	0:00:00	5:51:46	5:51:46	0:00:00	0
5	13	PC480	2	26	PE325	No	No	Yes	0:00:00	0:00:00	5:21:00	5:03:10	0:17:50	18
7	15	FC800	3	79	BG125	No	Yes	Yes	0:00:00	0:00:00	6:22:19	5:12:12	1:10:07	70
15	15	FC800	4	45	BG125	No	Yes	Yes	2:23:29	0:00:00	3:42:19	3:42:19	0:00:00	0
12	16	PN156	4	39	PN156	Sí	Yes	Yes	0:00:00	0:55:00	4:00:45	4:00:45	0:00:00	0
5	15	FC800	3	107	PE325	No	Yes	Yes	0:00:00	0:00:00	5:51:46	5:11:07	0:40:40	41
12	15	PC480	5	22	FC800	No	Yes	Yes	0:00:00	0:00:00	2:47:22	2:47:22	0:00:00	0
6	14	PE325	1	83	PC480	No	Yes	Yes	0:00:00	0:00:00	5:42:39	5:42:39	0:00:00	0
11	12	PN156	1	22	PE325	No	No	No	1:11:29	0:00:00	4:08:00	3:59:38	0:08:22	8
5	16	PN156	0	109	FC800	No	Yes	Yes	0:00:00	0:00:00	5:52:32	5:52:32	0:00:00	0
12	13	FC800	3	63	PN156	No	Yes	Yes	1:32:52	0:00:00	4:02:11	3:54:00	0:08:11	8
2	12	BG125	2	10	FC800	No	No	Yes	0:00:00	0:00:00	4:30:29	3:51:53	0:38:36	39
8	12	PN156	5	109	PE325	No	No	Yes	0:00:00	0:00:00	3:35:47	3:35:47	0:00:00	0
7	13	PC480	0	47	BG125	No	Yes	Yes	0:00:00	0:00:00	6:07:03	6:07:03	0:00:00	0
2	12	PN156	3	71	BG125	No	No	No	0:00:00	0:00:00	6:18:30	5:06:07	1:12:23	72
4	12	HC650	0	44	PE325	No	No	No	0:00:00	0:00:00	5:27:50	5:27:50	0:00:00	0
9	15	BG125	2	96	HC650	No	Yes	Yes	0:00:00	0:00:00	5:32:02	4:53:26	0:38:36	39
8	16	BG125	2	105	BG125	Sí	Yes	Yes	0:00:00	0:55:00	5:49:39	5:22:13	0:27:26	27
7	16	BG125	2	20	FC800	No	Yes	Yes	0:00:00	0:00:00	4:37:38	3:59:02	0:38:36	39
10	14	PE325	0	52	HC650	No	No	Yes	0:00:00	0:00:00	5:30:52	5:30:52	0:00:00	0
8	15	PC480	2	76	PN156	No	Yes	Yes	0:00:00	0:00:00	5:40:00	5:11:07	0:28:53	29
2	15	BP235	2	46	BP235	Sí	Yes	Yes	0:00:00	0:55:00	6:00:58	5:27:42	0:33:15	33
11	13	PN156	0	83	PN156	Sí	No	No	0:43:18	0:55:00	4:59:21	4:59:21	0:00:00	0
6	12	FC800	2	58	BG125	No	Yes	Yes	0:00:00	0:00:00	6:12:18	5:44:37	0:27:41	28
13	14	HC650	3	64	HC650	Sí	Yes	Yes	1:33:23	0:55:00	4:02:03	3:54:45	0:07:17	7
7	12	PC480	4	17	PC480	Sí	Yes	Yes	0:00:00	0:55:00	4:10:04	3:53:24	0:16:40	17

7	16	BG125	1	107	HC650	No	Yes	Yes	0:00:00	0:00:00	5:51:46	5:39:17	0:12:30	12
8	13	PC480	3	73	FC800	No	No	Yes	0:00:00	0:00:00	5:38:51	4:45:18	0:53:33	54
4	14	PC480	4	97	FC800	No	No	No	0:00:00	0:00:00	6:44:55	4:39:00	2:05:56	126
3	12	HC650	0	73	PC480	No	No	Yes	0:00:00	0:00:00	5:38:51	5:38:51	0:00:00	0
10	13	PN156	5	44	BG125	No	No	Yes	0:00:00	0:00:00	2:57:24	2:57:24	0:00:00	0
9	15	BP235	0	89	PE325	No	Yes	Yes	0:00:00	0:00:00	5:44:56	5:44:56	0:00:00	0
11	12	BP235	2	75	BG125	No	No	No	1:39:08	0:00:00	6:14:29	4:41:17	1:33:12	93
1	16	HC650	2	91	HC650	Sí	No	Yes	0:00:00	0:55:00	5:45:42	5:11:07	0:34:35	35
13	16	PN156	4	5	PE325	No	No	Yes	0:00:00	0:00:00	3:19:31	3:19:31	0:00:00	0
1	16	FC800	1	71	HC650	No	Yes	Yes	0:00:00	0:00:00	5:38:06	5:38:06	0:00:00	0
14	14	PN156	2	45	FC800	No	Yes	Yes	2:23:29	0:00:00	3:23:13	3:04:44	0:18:29	18
8	12	PN156	3	26	FC800	No	No	Yes	0:00:00	0:00:00	5:21:00	4:09:35	1:11:25	71
9	15	PC480	1	15	PN156	No	Yes	Yes	0:00:00	0:00:00	5:16:49	5:11:07	0:05:42	6
1	13	PC480	0	65	PE325	No	No	No	0:00:00	0:00:00	5:35:49	5:35:49	0:00:00	0
5	13	PE325	0	36	HC650	No	No	No	0:00:00	0:00:00	5:24:48	5:24:48	0:00:00	0
5	13	PN156	2	37	PC480	No	No	No	0:00:00	0:00:00	5:25:10	5:11:07	0:14:04	14
6	13	BG125	2	72	BG125	Sí	Yes	Yes	0:00:00	0:55:00	5:26:02	4:58:35	0:27:26	27
11	15	PC480	3	100	BP235	No	Yes	Yes	0:00:00	0:00:00	7:17:23	5:51:26	1:25:56	86
10	16	BP235	1	90	HC650	No	Yes	Yes	0:00:00	0:00:00	5:45:19	5:42:16	0:03:02	3
4	16	PE325	1	54	PE325	Sí	No	Yes	0:00:00	0:55:00	5:31:38	5:11:07	0:20:31	21
5	13	HC650	3	61	PN156	No	Yes	Yes	0:00:00	0:00:00	5:34:18	4:36:11	0:58:07	58
6	13	BG125	1	26	PE325	No	Yes	Yes	0:00:00	0:00:00	5:21:00	5:11:07	0:09:53	10
1	13	PN156	4	59	BP235	No	No	Yes	0:00:00	0:00:00	3:50:18	3:50:18	0:00:00	0
6	13	PN156	1	98	HC650	No	No	Yes	0:00:00	0:00:00	5:48:21	5:48:21	0:00:00	0
10	14	HC650	4	106	PE325	No	No	No	0:00:00	0:00:00	4:38:57	4:38:57	0:00:00	0
11	16	HC650	4	41	PN156	No	Yes	Yes	0:00:00	0:00:00	4:23:45	4:07:05	0:16:40	17
13	13	PE325	2	10	BP235	No	Yes	Yes	2:05:13	0:00:00	4:20:19	4:20:06	0:00:13	0
4	13	BG125	1	34	BG125	Sí	No	Yes	0:00:00	0:55:00	6:00:51	5:44:37	0:16:13	16
16	16	PE325	0	98	BG125	No	Yes	Yes	2:51:08	0:00:00	4:26:23	3:40:15	0:46:08	46
6	15	FC800	0	32	FC800	Sí	Yes	Yes	0:00:00	0:55:00	5:23:16	5:23:16	0:00:00	0
4	13	PN156	0	76	PN156	Sí	No	Yes	0:00:00	0:55:00	5:40:00	5:40:00	0:00:00	0
13	14	PC480	3	101	BP235	No	No	Yes	1:52:42	0:00:00	5:25:16	5:25:16	0:00:00	0
2	12	PE325	2	83	HC650	No	Yes	Yes	0:00:00	0:00:00	5:42:39	5:11:07	0:31:33	32
6	15	BG125	2	23	HC650	No	No	No	0:00:00	0:00:00	4:39:47	4:01:11	0:38:36	39
3	16	PN156	5	21	HC650	No	Yes	Yes	0:00:00	0:00:00	4:14:19	3:43:42	0:30:37	31
8	15	PC480	5	58	PC480	Sí	Yes	Yes	0:00:00	0:55:00	3:38:45	3:38:45	0:00:00	0
11	13	BG125	1	55	BG125	Sí	Yes	Yes	0:28:42	0:55:00	5:42:10	5:15:55	0:26:15	26
11	14	BP235	2	57	BP235	Sí	No	Yes	0:00:00	0:55:00	6:10:30	5:37:15	0:33:15	33
7	12	PC480	0	53	BP235	No	Yes	Yes	0:00:00	0:00:00	6:50:12	6:50:12	0:00:00	0
9	13	BG125	2	25	PN156	No	No	No	0:00:00	0:00:00	4:41:13	4:41:13	0:00:00	0
9	13	BP235	1	43	PN156	No	No	Yes	0:00:00	0:00:00	5:27:27	5:11:07	0:16:20	16
13	15	PE325	4	81	PN156	No	No	Yes	0:42:16	0:00:00	4:02:50	4:02:50	0:00:00	0
11	12	PN156	4	99	BP235	No	Yes	Yes	1:51:39	0:00:00	4:15:01	4:15:01	0:00:00	0
6	15	PN156	4	33	HC650	No	No	No	0:00:00	0:00:00	5:46:35	4:02:31	1:44:04	104
1	15	BG125	1	39	PE325	No	Yes	Yes	0:00:00	0:00:00	5:25:56	5:11:07	0:14:49	15
10	12	BG125	0	69	PN156	No	Yes	Yes	0:36:00	0:00:00	5:01:20	5:01:20	0:00:00	0
11	12	FC800	5	62	PC480	No	No	No	1:32:21	0:00:00	3:05:36	3:05:36	0:00:00	0
9	15	BG125	0	68	PN156	No	Yes	Yes	0:00:00	0:00:00	5:36:57	5:36:57	0:00:00	0
8	16	FC800	3	86	PE325	No	No	No	0:00:00	0:00:00	5:43:48	4:55:11	0:48:37	49
9	13	BP235	0	102	PC480	No	Yes	Yes	0:00:00	0:00:00	5:49:52	5:49:52	0:00:00	0
5	13	PN156	0	48	PN156	Sí	No	Yes	0:00:00	0:55:00	5:29:21	5:29:21	0:00:00	0
1	15	FC800	5	31	PE325	No	Yes	Yes	0:00:00	0:00:00	4:27:37	3:43:42	0:43:55	44
8	16	FC800	3	112	PN156	No	No	Yes	0:00:00	0:00:00	5:53:40	5:11:07	0:42:34	43

1	12	BP235	2	21	HC650	No	Yes	Yes	0:00:00	0:00:00	5:16:28	4:20:24	0:56:04	56
12	14	FC800	3	23	PC480	No	Yes	Yes	0:12:00	0:00:00	5:07:51	4:07:18	1:00:33	61
6	14	PN156	5	113	BG125	No	No	Yes	0:00:00	0:00:00	3:28:52	3:28:52	0:00:00	0
16	16	PC480	1	99	BP235	No	Yes	Yes	2:51:39	0:00:00	5:11:48	4:25:09	0:46:39	47
2	13	PN156	4	27	PN156	Sí	No	Yes	0:00:00	0:55:00	6:26:52	3:59:06	2:27:47	148
5	15	HC650	5	102	BP235	No	No	No	0:00:00	0:00:00	3:23:51	3:23:51	0:00:00	0
12	14	HC650	0	72	PN156	No	Yes	Yes	0:37:34	0:00:00	5:00:54	5:00:54	0:00:00	0
1	15	HC650	0	38	PC480	No	No	No	0:00:00	0:00:00	5:25:33	5:25:33	0:00:00	0
11	15	BP235	1	14	HC650	No	Yes	Yes	0:00:00	0:00:00	5:16:26	5:11:07	0:05:19	5
1	13	BG125	2	64	PC480	No	No	Yes	0:00:00	0:00:00	5:09:08	4:30:32	0:38:36	39
3	13	FC800	4	114	BG125	No	No	No	0:00:00	0:00:00	5:36:26	4:59:52	0:36:34	37
3	16	BP235	0	108	PE325	No	No	Yes	0:00:00	0:00:00	5:52:09	5:52:09	0:00:00	0
2	16	FC800	0	109	BG125	No	No	No	0:00:00	0:00:00	6:36:38	6:36:38	0:00:00	0
3	12	PN156	0	67	FC800	No	Yes	Yes	0:00:00	0:00:00	5:36:34	5:36:34	0:00:00	0
10	13	FC800	4	37	PE325	No	Yes	Yes	0:00:00	0:00:00	3:37:46	3:37:46	0:00:00	0
7	15	PC480	2	22	PN156	No	No	Yes	0:00:00	0:00:00	5:19:28	4:58:36	0:20:52	21
8	12	PE325	3	109	HC650	No	No	Yes	0:00:00	0:00:00	5:52:32	5:11:07	0:41:25	41
12	15	PE325	3	106	HC650	No	Yes	Yes	0:00:00	0:00:00	5:51:24	5:10:23	0:41:01	41
11	13	BG125	2	9	PN156	No	No	Yes	0:04:42	0:00:00	4:29:46	3:51:10	0:38:36	39
10	14	PC480	0	81	PC480	Sí	No	Yes	0:00:00	0:55:00	5:41:54	5:41:54	0:00:00	0
1	12	BP235	1	69	BP235	Sí	Yes	Yes	0:00:00	0:55:00	6:59:27	6:19:32	0:39:54	40
1	13	HC650	1	46	PE325	No	No	Yes	0:00:00	0:00:00	5:28:36	5:11:07	0:17:29	17
12	12	PC480	2	55	PE325	No	Yes	Yes	2:28:42	0:00:00	3:27:01	3:03:19	0:23:42	24
3	15	HC650	2	82	PN156	No	No	No	0:00:00	0:00:00	5:42:16	5:11:07	0:31:10	31
10	13	PC480	5	29	PE325	No	Yes	Yes	0:00:00	0:00:00	2:50:34	2:50:34	0:00:00	0
1	16	PE325	5	77	BP235	No	Yes	Yes	0:00:00	0:00:00	3:12:27	3:12:27	0:00:00	0
3	13	FC800	3	107	BG125	No	No	Yes	0:00:00	0:00:00	6:35:41	5:33:29	1:02:12	62
8	16	BP235	2	91	HC650	No	Yes	Yes	0:00:00	0:00:00	6:17:12	5:11:07	1:06:05	66
14	15	HC650	3	74	BG125	No	Yes	Yes	1:38:37	0:00:00	4:41:19	4:35:52	0:05:27	5
1	13	PN156	1	73	FC800	No	No	Yes	0:00:00	0:00:00	5:38:51	5:38:51	0:00:00	0
12	12	BP235	0	108	PN156	No	Yes	Yes	2:56:21	0:00:00	3:47:09	2:55:48	0:51:21	51
12	13	FC800	3	39	PE325	No	No	Yes	1:20:21	0:00:00	4:05:35	3:50:46	0:14:49	15
2	13	HC650	4	88	FC800	No	Yes	Yes	0:00:00	0:00:00	7:01:39	4:33:52	2:27:47	148
12	16	PE325	2	46	PN156	No	Yes	Yes	0:00:00	0:00:00	5:28:36	5:11:07	0:17:29	17
8	14	PE325	0	29	PC480	No	Yes	Yes	0:00:00	0:00:00	5:22:08	5:22:08	0:00:00	0
3	15	PC480	2	75	FC800	No	Yes	Yes	0:00:00	0:00:00	5:39:37	5:11:07	0:28:30	29
11	14	BP235	1	17	BG125	No	Yes	Yes	0:00:00	0:00:00	5:52:44	5:44:37	0:08:07	8
12	16	PE325	0	15	PC480	No	No	No	0:00:00	0:00:00	5:16:49	5:16:49	0:00:00	0
13	14	BP235	1	49	PC480	No	Yes	Yes	1:25:34	0:00:00	4:04:10	4:04:10	0:00:00	0
8	15	PC480	4	102	PC480	Sí	Yes	Yes	0:00:00	0:55:00	5:42:13	4:41:51	1:00:22	60
11	14	BP235	0	12	BG125	No	Yes	Yes	0:00:00	0:00:00	5:50:21	5:50:21	0:00:00	0
11	16	HC650	3	93	PE325	No	Yes	Yes	0:00:00	0:00:00	5:46:27	5:00:30	0:45:57	46
10	16	HC650	3	98	BG125	No	Yes	Yes	0:00:00	0:00:00	6:31:23	5:26:38	1:04:44	65
13	15	HC650	3	20	BG125	No	No	Yes	0:10:26	0:00:00	5:43:44	4:27:21	1:16:22	76
6	14	BG125	0	106	FC800	No	No	Yes	0:00:00	0:00:00	5:51:24	5:51:24	0:00:00	0
2	12	PC480	4	39	BG125	No	Yes	Yes	0:00:00	0:00:00	4:53:40	4:17:06	0:36:34	37
1	14	BG125	2	80	BG125	Sí	Yes	Yes	0:00:00	0:55:00	5:31:45	5:04:19	0:27:26	27
6	13	BG125	2	91	PC480	No	No	Yes	0:00:00	0:00:00	5:28:27	4:49:51	0:38:36	39
8	13	BG125	1	72	HC650	No	Yes	Yes	0:00:00	0:00:00	5:38:28	5:11:07	0:27:22	27
5	12	PN156	2	23	BP235	No	No	Yes	0:00:00	0:00:00	6:32:51	5:45:22	0:47:29	47
10	12	BP235	0	108	BG125	No	Yes	Yes	0:56:21	0:00:00	5:39:48	5:39:48	0:00:00	0
10	13	PC480	2	66	FC800	No	Yes	Yes	0:00:00	0:00:00	5:36:12	5:11:07	0:25:05	25
2	12	PN156	0	11	PE325	No	Yes	Yes	0:00:00	0:00:00	5:15:17	5:15:17	0:00:00	0

8	14	BP235	1	27	PN156	No	Yes	Yes	0:00:00	0:00:00	5:21:22	5:11:07	0:10:16	10
7	15	PN156	4	65	PC480	No	No	Yes	0:00:00	0:00:00	5:42:59	4:20:45	1:22:13	82
8	15	PN156	4	94	FC800	No	Yes	Yes	0:00:00	0:00:00	5:37:40	4:37:17	1:00:22	60
7	12	FC800	3	10	FC800	Sí	No	No	0:00:00	0:55:00	5:14:55	3:57:25	1:17:30	77
7	16	BP235	2	26	PN156	No	Yes	Yes	0:00:00	0:00:00	5:20:48	4:24:44	0:56:04	56
5	13	HC650	2	79	FC800	No	Yes	Yes	0:00:00	0:00:00	5:41:08	5:11:07	0:30:01	30
7	14	PE325	2	86	HC650	No	No	No	0:00:00	0:00:00	5:43:48	5:11:07	0:32:41	33
7	16	HC650	0	49	PC480	No	No	No	0:00:00	0:00:00	5:29:44	5:29:44	0:00:00	0
1	12	PE325	4	13	PC480	No	Yes	Yes	0:00:00	0:00:00	6:18:54	3:51:07	2:27:47	148
15	15	FC800	2	103	FC800	Sí	Yes	Yes	2:53:44	0:55:00	3:45:15	2:56:31	0:48:44	49
3	14	BG125	0	30	PN156	No	Yes	Yes	0:00:00	0:00:00	5:22:31	5:22:31	0:00:00	0
14	16	PN156	3	27	FC800	No	No	Yes	0:14:05	0:00:00	5:07:17	4:10:20	0:56:57	57
3	13	BP235	0	25	HC650	No	Yes	Yes	0:00:00	0:00:00	5:20:37	5:20:37	0:00:00	0
5	13	FC800	3	65	HC650	No	No	Yes	0:00:00	0:00:00	5:35:49	4:39:13	0:56:36	57
4	14	PE325	3	66	FC800	No	No	No	0:00:00	0:00:00	5:36:12	4:39:59	0:56:13	56
13	14	BG125	1	96	PE325	No	Yes	Yes	1:50:05	0:00:00	3:57:30	3:57:30	0:00:00	0
7	15	HC650	1	65	PE325	No	No	No	0:00:00	0:00:00	5:35:49	5:34:19	0:01:29	1
14	16	FC800	3	68	BG125	No	No	No	0:35:29	0:00:00	5:41:35	5:09:09	0:32:27	32
3	12	BG125	0	67	BG125	Sí	Yes	Yes	0:00:00	0:55:00	6:16:35	6:16:35	0:00:00	0
8	16	PE325	5	10	PN156	No	Yes	Yes	0:00:00	0:00:00	3:25:36	3:25:36	0:00:00	0
10	12	BG125	0	75	BG125	Sí	Yes	Yes	0:39:08	0:55:00	5:41:17	5:41:17	0:00:00	0
3	16	FC800	1	15	PN156	No	No	Yes	0:00:00	0:00:00	5:16:49	5:11:07	0:05:42	6
2	14	PN156	0	102	PN156	Sí	No	Yes	0:00:00	0:55:00	5:49:52	5:49:52	0:00:00	0
7	14	HC650	1	45	FC800	No	Yes	Yes	0:00:00	0:00:00	5:28:13	5:11:07	0:17:06	17
5	12	PE325	0	46	HC650	No	No	No	0:00:00	0:00:00	5:28:36	5:28:36	0:00:00	0
14	14	BG125	0	6	HC650	No	Yes	Yes	2:03:08	0:00:00	3:10:16	3:10:16	0:00:00	0
2	15	HC650	3	52	PE325	No	Yes	Yes	0:00:00	0:00:00	5:30:52	4:29:20	1:01:32	62
8	15	PE325	0	6	HC650	No	No	No	0:00:00	0:00:00	5:13:23	5:13:23	0:00:00	0
4	16	PE325	3	62	BG125	No	No	Yes	0:00:00	0:00:00	6:14:12	4:59:17	1:14:56	75
12	13	BG125	1	9	PC480	No	No	Yes	1:04:42	0:00:00	4:09:50	4:06:25	0:03:25	3
9	14	PN156	0	88	HC650	No	No	No	0:00:00	0:00:00	5:44:33	5:44:33	0:00:00	0
5	13	PC480	3	55	PN156	No	No	Yes	0:00:00	0:00:00	5:32:01	4:31:37	1:00:24	60
1	14	PN156	2	51	PE325	No	No	Yes	0:00:00	0:00:00	5:30:30	5:11:07	0:19:23	19
3	16	PC480	0	49	FC800	No	No	Yes	0:00:00	0:00:00	5:29:44	5:29:44	0:00:00	0
11	14	PE325	3	59	PN156	No	No	Yes	0:00:00	0:00:00	5:33:32	4:34:40	0:58:52	59
12	12	BG125	0	49	BG125	Sí	Yes	Yes	2:25:34	0:55:00	4:03:00	3:42:26	0:20:34	21
13	13	FC800	2	35	PE325	No	Yes	Yes	2:18:16	0:00:00	3:19:25	3:06:09	0:13:16	13
5	15	PE325	1	55	FC800	No	Yes	Yes	0:00:00	0:00:00	5:32:01	5:11:31	0:20:29	20
7	13	BP235	1	110	PE325	No	No	Yes	0:00:00	0:00:00	5:52:55	5:52:55	0:00:00	0
3	14	FC800	3	39	BP235	No	Yes	Yes	0:00:00	0:00:00	6:42:06	5:05:05	1:37:01	97
6	12	HC650	5	60	HC650	Sí	No	No	0:00:00	0:55:00	3:30:55	3:30:55	0:00:00	0
1	14	BG125	0	89	BG125	Sí	Yes	Yes	0:00:00	0:55:00	6:27:05	6:27:05	0:00:00	0
8	12	BG125	1	38	PC480	No	Yes	Yes	0:00:00	0:00:00	5:25:33	5:11:07	0:14:26	14
2	15	PE325	4	40	PE325	Sí	Yes	Yes	0:00:00	0:55:00	7:17:59	4:06:30	3:11:29	191
5	12	FC800	4	22	HC650	No	Yes	Yes	0:00:00	0:00:00	4:56:37	3:56:15	1:00:22	60
8	16	PN156	2	56	FC800	No	Yes	Yes	0:00:00	0:00:00	5:32:24	5:11:07	0:21:17	21
2	15	PE325	2	31	PE325	Sí	No	No	0:00:00	0:55:00	5:22:54	5:08:52	0:14:02	14
12	12	HC650	4	31	PE325	No	Yes	Yes	2:16:10	0:00:00	3:34:20	3:06:43	0:27:37	28
12	12	BP235	0	85	PN156	No	Yes	Yes	2:44:21	0:00:00	3:38:25	2:59:04	0:39:21	39
9	12	HC650	3	61	PC480	No	No	No	0:00:00	0:00:00	5:34:18	4:36:11	0:58:07	58
8	16	FC800	5	88	PE325	No	No	No	0:00:00	0:00:00	4:01:10	4:01:10	0:00:00	0
9	16	PE325	2	71	HC650	No	No	Yes	0:00:00	0:00:00	5:38:06	5:11:07	0:26:59	27
4	14	PE325	4	28	PE325	Sí	Yes	Yes	0:00:00	0:55:00	6:05:35	3:59:40	2:05:56	126

12	16	PN156	2	59	FC800	No	No	No	0:00:00	0:00:00	5:33:32	5:11:07	0:22:25	22
13	13	PC480	3	68	FC800	No	Yes	Yes	2:35:29	0:00:00	3:31:57	3:01:29	0:30:29	30
9	13	PN156	2	44	BP235	No	Yes	Yes	0:00:00	0:00:00	6:44:59	6:09:18	0:35:41	36
14	16	BG125	2	39	PN156	No	No	Yes	0:20:21	0:00:00	4:51:14	4:12:38	0:38:36	39
9	13	HC650	4	17	PC480	No	No	Yes	0:00:00	0:00:00	3:48:13	3:48:13	0:00:00	0
3	15	PN156	4	70	HC650	No	Yes	Yes	0:00:00	0:00:00	7:13:14	4:23:36	2:49:38	170
13	15	PC480	0	17	FC800	No	Yes	Yes	0:08:52	0:00:00	5:08:42	5:08:42	0:00:00	0
11	14	BP235	1	43	BP235	Sí	No	No	0:00:00	0:55:00	6:44:25	6:19:32	0:24:52	25
11	12	PE325	1	8	PE325	Sí	No	No	1:04:10	0:55:00	4:09:59	4:06:56	0:03:02	3
15	15	FC800	0	91	BP235	No	Yes	Yes	2:47:29	0:00:00	5:07:10	4:24:42	0:42:29	42
7	13	PC480	2	14	BP235	No	No	Yes	0:00:00	0:00:00	6:27:38	5:35:06	0:52:32	53
8	16	PE325	1	105	PC480	No	No	Yes	0:00:00	0:00:00	5:51:01	5:51:01	0:00:00	0
13	13	BP235	0	92	BP235	Sí	Yes	Yes	2:48:00	0:55:00	5:07:45	4:24:45	0:43:00	43
15	16	BP235	2	102	HC650	No	No	Yes	1:53:13	0:00:00	6:26:44	3:56:39	2:30:05	150
1	13	PC480	0	105	BG125	No	Yes	Yes	0:00:00	0:00:00	6:34:43	6:34:43	0:00:00	0
14	15	FC800	3	68	BG125	No	Yes	Yes	1:35:29	0:00:00	4:41:35	4:31:18	0:10:17	10
3	12	PN156	5	76	PC480	No	Yes	Yes	0:00:00	0:00:00	4:04:26	3:58:15	0:06:11	6
10	16	HC650	5	66	HC650	Sí	Yes	Yes	0:00:00	0:55:00	3:33:39	3:33:39	0:00:00	0
15	15	PN156	5	84	HC650	No	Yes	Yes	2:43:50	0:00:00	3:15:38	2:59:12	0:16:26	16
2	12	PN156	2	29	PE325	No	No	Yes	0:00:00	0:00:00	5:22:08	5:06:35	0:15:33	16
3	12	HC650	2	10	HC650	Sí	Yes	Yes	0:00:00	0:55:00	5:14:55	4:44:55	0:30:00	30
6	15	HC650	2	7	PC480	No	No	No	0:00:00	0:00:00	5:13:46	4:41:30	0:32:16	32
8	16	FC800	0	23	FC800	Sí	Yes	Yes	0:00:00	0:55:00	5:19:51	5:19:51	0:00:00	0
7	16	HC650	0	50	PC480	No	Yes	Yes	0:00:00	0:00:00	5:30:07	5:30:07	0:00:00	0
13	15	BP235	1	22	PN156	No	No	Yes	0:11:29	0:00:00	5:08:00	4:59:38	0:08:22	8
16	16	PE325	5	23	BP235	No	Yes	Yes	2:12:00	0:00:00	3:30:02	3:30:02	0:00:00	0
10	16	PE325	2	40	PE325	Sí	Yes	Yes	0:00:00	0:55:00	5:26:19	5:11:07	0:15:12	15
12	13	PE325	1	114	HC650	No	No	No	1:59:29	0:00:00	3:54:57	3:54:57	0:00:00	0
6	14	PC480	0	25	PE325	No	Yes	Yes	0:00:00	0:00:00	5:20:37	5:20:37	0:00:00	0
8	16	BG125	0	19	PN156	No	Yes	Yes	0:00:00	0:00:00	5:18:20	5:18:20	0:00:00	0
1	16	HC650	2	91	HC650	Sí	No	No	0:00:00	0:55:00	5:45:42	5:11:07	0:34:35	35
14	16	FC800	5	19	BG125	No	Yes	Yes	0:09:55	0:00:00	2:48:26	2:48:26	0:00:00	0
6	15	PC480	2	16	HC650	No	Yes	Yes	0:00:00	0:00:00	5:17:11	4:51:46	0:25:26	25
5	12	FC800	0	71	BG125	No	Yes	Yes	0:00:00	0:00:00	6:18:30	6:18:30	0:00:00	0
11	16	BP235	2	70	PE325	No	Yes	Yes	0:00:00	0:00:00	5:58:58	5:02:54	0:56:04	56
8	15	HC650	1	58	FC800	No	No	Yes	0:00:00	0:00:00	5:33:09	5:18:22	0:14:47	15
16	16	BP235	0	33	HC650	No	Yes	Yes	2:17:13	0:00:00	3:18:39	3:06:26	0:12:13	12
3	16	BG125	2	73	PN156	No	No	No	0:00:00	0:00:00	5:15:34	4:36:58	0:38:36	39
4	16	PN156	5	23	FC800	No	No	No	0:00:00	0:00:00	4:06:29	3:43:42	0:22:47	23
2	16	FC800	3	16	PE325	No	Yes	Yes	0:00:00	0:00:00	5:17:11	4:01:59	1:15:13	75
10	16	BG125	1	87	PN156	No	Yes	Yes	0:00:00	0:00:00	5:44:10	5:11:07	0:33:04	33
14	15	PN156	2	11	BG125	No	Yes	Yes	1:05:44	0:00:00	4:44:08	4:38:53	0:05:15	5
9	12	BG125	2	100	FC800	No	No	Yes	0:00:00	0:00:00	5:34:54	4:56:18	0:38:36	39
9	14	PC480	4	63	PC480	Sí	No	Yes	0:00:00	0:55:00	4:36:17	4:19:37	0:16:40	17
3	14	BP235	0	99	PN156	No	No	No	0:00:00	0:00:00	5:48:44	5:48:44	0:00:00	0
5	14	FC800	4	57	PN156	No	No	Yes	0:00:00	0:00:00	6:00:16	4:16:12	1:44:04	104
1	12	BP235	1	107	FC800	No	Yes	Yes	0:00:00	0:00:00	5:51:46	5:51:46	0:00:00	0
6	15	PN156	1	99	PN156	Sí	No	Yes	0:00:00	0:55:00	5:48:44	5:48:44	0:00:00	0
11	14	PC480	2	7	PE325	No	Yes	Yes	0:00:00	0:00:00	5:13:46	4:41:30	0:32:16	32
10	12	HC650	1	65	BP235	No	No	Yes	0:33:55	0:00:00	6:23:13	6:23:13	0:00:00	0
7	16	PN156	0	101	PC480	No	No	Yes	0:00:00	0:00:00	5:49:30	5:49:30	0:00:00	0
6	15	BG125	1	16	BG125	Sí	No	Yes	0:00:00	0:55:00	5:52:15	5:44:37	0:07:38	8
4	15	PE325	1	88	PE325	Sí	Yes	Yes	0:00:00	0:55:00	5:44:33	5:44:33	0:00:00	0

8	16	HC650	2	40	BG125	No	No	Yes	0:00:00	0:00:00	6:03:42	5:41:28	0:22:15	22
11	16	PN156	3	72	PN156	Sí	Yes	Yes	0:00:00	0:55:00	5:38:28	4:44:32	0:53:56	54
8	12	BP235	1	109	PC480	No	Yes	Yes	0:00:00	0:00:00	5:52:32	5:52:32	0:00:00	0
6	12	PN156	4	90	PC480	No	No	No	0:00:00	0:00:00	5:13:32	4:41:07	0:32:24	32
11	13	FC800	1	30	PE325	No	Yes	Yes	0:15:39	0:00:00	5:06:52	4:55:28	0:11:24	11
10	14	BG125	2	83	PE325	No	Yes	Yes	0:00:00	0:00:00	5:22:44	4:44:07	0:38:36	39
8	15	PE325	0	115	BP235	No	No	Yes	0:00:00	0:00:00	7:26:03	7:26:03	0:00:00	0
7	14	PN156	5	104	PE325	No	No	Yes	0:00:00	0:00:00	3:59:43	3:59:43	0:00:00	0
2	12	FC800	0	12	PN156	No	No	No	0:00:00	0:00:00	5:15:40	5:15:40	0:00:00	0
9	14	PN156	1	90	BP235	No	Yes	Yes	0:00:00	0:00:00	7:11:36	7:11:36	0:00:00	0
8	14	BP235	1	5	PN156	No	No	Yes	0:00:00	0:00:00	5:13:01	5:11:07	0:01:54	2
1	16	HC650	0	97	BP235	No	Yes	Yes	0:00:00	0:00:00	7:15:39	7:15:39	0:00:00	0
8	16	FC800	1	23	BG125	No	Yes	Yes	0:00:00	0:00:00	5:55:36	5:44:37	0:10:58	11
12	16	BP235	1	94	FC800	No	No	No	0:00:00	0:00:00	5:46:50	5:46:50	0:00:00	0
13	16	PE325	3	48	HC650	No	Yes	Yes	0:00:00	0:00:00	5:29:21	4:26:18	1:03:03	63
5	13	BG125	2	113	PE325	No	Yes	Yes	0:00:00	0:00:00	5:44:12	5:05:36	0:38:36	39
4	14	PN156	2	53	BG125	No	Yes	Yes	0:00:00	0:00:00	6:09:55	5:44:37	0:25:17	25
1	15	FC800	2	102	FC800	Sí	Yes	Yes	0:00:00	0:55:00	5:49:52	5:11:07	0:38:46	39
3	12	HC650	5	90	BP235	No	No	No	0:00:00	0:00:00	3:18:23	3:18:23	0:00:00	0
2	16	PN156	1	67	PN156	Sí	Yes	Yes	0:00:00	0:55:00	5:36:34	5:36:34	0:00:00	0
12	12	PN156	3	32	FC800	No	Yes	Yes	2:16:42	0:00:00	3:18:16	3:06:35	0:11:42	12
9	16	FC800	1	23	BG125	No	Yes	Yes	0:00:00	0:00:00	5:55:36	5:44:37	0:10:58	11
4	15	BG125	0	33	PN156	No	Yes	Yes	0:00:00	0:00:00	5:23:39	5:23:39	0:00:00	0
4	16	HC650	5	108	HC650	Sí	Yes	Yes	0:00:00	0:55:00	4:45:15	4:12:51	0:32:24	32
4	15	PC480	5	111	PN156	No	No	No	0:00:00	0:00:00	4:37:53	4:14:13	0:23:40	24
1	16	BP235	0	6	PE325	No	No	No	0:00:00	0:00:00	5:13:23	5:13:23	0:00:00	0
12	12	PC480	2	75	FC800	No	Yes	Yes	2:39:08	0:00:00	3:34:37	3:00:29	0:34:08	34
2	12	BG125	2	98	BP235	No	No	Yes	0:00:00	0:00:00	5:56:17	5:40:29	0:15:48	16
13	13	PC480	2	37	BP235	No	Yes	Yes	2:19:18	0:00:00	4:35:56	4:21:38	0:14:18	14
8	15	PE325	4	89	FC800	No	No	Yes	0:00:00	0:00:00	5:34:49	4:34:26	1:00:22	60
10	12	HC650	3	75	FC800	No	Yes	Yes	0:39:08	0:00:00	5:00:29	4:31:59	0:28:30	29
4	15	PE325	2	41	PN156	No	No	No	0:00:00	0:00:00	5:26:42	5:11:07	0:15:35	16
4	13	PE325	2	86	PN156	No	No	No	0:00:00	0:00:00	5:43:48	5:11:07	0:32:41	33
10	15	PE325	0	84	BG125	No	Yes	Yes	0:00:00	0:00:00	6:24:42	6:24:42	0:00:00	0
10	12	BP235	0	52	FC800	No	Yes	Yes	0:27:08	0:00:00	5:03:45	5:03:45	0:00:00	0
11	14	PC480	1	30	BG125	No	Yes	Yes	0:00:00	0:00:00	5:58:56	5:44:37	0:14:19	14
8	13	PC480	0	53	PE325	No	No	Yes	0:00:00	0:00:00	5:31:15	5:31:15	0:00:00	0
5	15	PC480	1	90	BP235	No	Yes	Yes	0:00:00	0:00:00	7:11:36	7:11:36	0:00:00	0
1	14	FC800	3	44	PE325	No	Yes	Yes	0:00:00	0:00:00	5:27:50	4:23:15	1:04:34	65
2	13	FC800	0	39	PC480	No	Yes	Yes	0:00:00	0:00:00	5:25:56	5:25:56	0:00:00	0
1	16	FC800	4	42	BG125	No	Yes	Yes	0:00:00	0:00:00	5:48:48	4:18:49	1:29:59	90
10	15	BG125	0	43	BP235	No	Yes	Yes	0:00:00	0:00:00	6:44:25	6:44:25	0:00:00	0
9	13	BG125	2	110	PC480	No	Yes	Yes	0:00:00	0:00:00	5:42:03	5:03:27	0:38:36	39
6	13	PN156	4	48	HC650	No	Yes	Yes	0:00:00	0:00:00	5:11:26	4:11:04	1:00:22	60
2	14	PN156	1	74	PC480	No	Yes	Yes	0:00:00	0:00:00	5:39:14	5:39:14	0:00:00	0
4	14	PC480	2	47	PE325	No	No	Yes	0:00:00	0:00:00	5:28:58	5:11:07	0:17:52	18
13	16	FC800	0	27	PN156	No	No	No	0:00:00	0:00:00	5:21:22	5:21:22	0:00:00	0
7	15	PN156	3	76	PN156	Sí	No	Yes	0:00:00	0:55:00	5:40:00	4:47:35	0:52:25	52
1	14	HC650	4	103	PE325	No	No	Yes	0:00:00	0:00:00	7:53:54	4:42:25	3:11:29	191
6	13	BP235	0	62	FC800	No	No	No	0:00:00	0:00:00	5:34:40	5:34:40	0:00:00	0
9	15	BG125	2	109	BG125	Sí	Yes	Yes	0:00:00	0:55:00	5:52:31	5:25:04	0:27:26	27
2	14	BP235	2	106	PC480	No	Yes	Yes	0:00:00	0:00:00	6:30:12	5:11:07	1:19:06	79
1	14	HC650	5	97	PN156	No	No	Yes	0:00:00	0:00:00	4:48:59	4:07:50	0:41:09	41

1	12	BG125	1	52	PE325	No	Yes	Yes	0:00:00	0:00:00	5:30:52	5:11:07	0:19:46	20
7	13	HC650	0	101	PN156	No	No	Yes	0:00:00	0:00:00	5:49:30	5:49:30	0:00:00	0
11	13	PN156	0	53	BG125	No	No	Yes	0:27:39	0:00:00	5:42:15	5:42:15	0:00:00	0
13	14	PE325	3	49	FC800	No	No	No	1:25:34	0:00:00	4:04:10	3:45:33	0:18:37	19
13	13	PE325	0	37	HC650	No	Yes	Yes	2:19:18	0:00:00	3:20:10	3:05:52	0:14:18	14
12	13	PN156	4	79	PN156	Sí	Yes	Yes	1:41:13	0:55:00	4:01:42	3:51:09	0:10:33	11
3	15	HC650	4	80	PC480	No	Yes	Yes	0:00:00	0:00:00	7:18:56	4:29:18	2:49:38	170
7	12	BG125	2	19	BG125	Sí	Yes	Yes	0:00:00	0:55:00	4:48:06	4:20:39	0:27:26	27
3	14	PN156	0	86	BP235	No	No	Yes	0:00:00	0:00:00	7:09:17	7:09:17	0:00:00	0
3	13	BG125	0	36	PN156	No	Yes	Yes	0:00:00	0:00:00	5:24:48	5:24:48	0:00:00	0
10	12	BP235	0	18	PE325	No	Yes	Yes	0:09:23	0:00:00	5:08:34	5:08:34	0:00:00	0
9	15	BP235	2	112	FC800	No	No	Yes	0:00:00	0:00:00	6:35:25	5:11:07	1:24:18	84
14	14	HC650	3	6	BG125	No	Yes	Yes	2:03:08	0:00:00	3:44:21	3:44:11	0:00:10	0
7	15	PC480	5	33	FC800	No	No	Yes	0:00:00	0:00:00	3:36:05	3:36:05	0:00:00	0
9	14	BG125	2	39	FC800	No	No	Yes	0:00:00	0:00:00	4:51:14	4:12:38	0:38:36	39
1	12	HC650	4	62	HC650	Sí	Yes	Yes	0:00:00	0:55:00	6:46:49	4:19:03	2:27:47	148
14	16	HC650	1	85	PE325	No	No	No	0:44:21	0:00:00	4:59:04	4:59:04	0:00:00	0
12	16	PN156	2	5	BP235	No	No	No	0:00:00	0:00:00	6:22:26	6:19:32	0:02:54	3
7	16	BG125	1	56	BP235	No	Yes	Yes	0:00:00	0:00:00	6:51:56	6:19:32	0:32:23	32
9	15	HC650	1	88	HC650	Sí	No	No	0:00:00	0:55:00	5:44:33	5:44:33	0:00:00	0
8	13	BG125	2	20	PN156	No	No	Yes	0:00:00	0:00:00	4:37:38	3:59:02	0:38:36	39
9	15	PN156	3	10	BP235	No	No	Yes	0:00:00	0:00:00	6:25:19	4:43:02	1:42:17	102
3	13	PE325	2	14	PE325	Sí	No	No	0:00:00	0:55:00	5:16:26	4:49:29	0:26:57	27
16	16	PE325	3	61	BP235	No	Yes	Yes	2:31:50	0:00:00	4:49:49	4:23:00	0:26:50	27
11	13	FC800	2	76	PN156	No	No	Yes	0:39:39	0:00:00	5:00:20	4:32:46	0:27:35	28
5	12	BP235	2	17	PN156	No	No	No	0:00:00	0:00:00	5:13:00	5:11:07	0:01:53	2
3	14	BG125	0	104	PN156	No	No	Yes	0:00:00	0:00:00	5:50:38	5:50:38	0:00:00	0
8	13	PE325	5	21	PE325	Sí	No	No	0:00:00	0:55:00	3:04:23	3:04:23	0:00:00	0
5	13	FC800	1	23	BP235	No	No	No	0:00:00	0:00:00	6:32:51	6:19:32	0:13:18	13
1	15	PE325	4	67	PE325	Sí	Yes	Yes	0:00:00	0:55:00	7:55:14	4:21:54	3:33:20	213
4	12	BG125	1	61	BP235	No	No	Yes	0:00:00	0:00:00	6:54:49	6:19:32	0:35:17	35
10	14	BG125	2	92	BG125	Sí	No	Yes	0:00:00	0:55:00	5:40:21	5:12:54	0:27:26	27
1	13	PE325	3	112	PE325	Sí	No	Yes	0:00:00	0:55:00	5:53:40	5:11:07	0:42:34	43
10	13	PE325	3	90	BG125	No	No	Yes	0:00:00	0:00:00	6:27:34	5:20:34	1:07:00	67
4	16	PC480	2	17	BG125	No	Yes	Yes	0:00:00	0:00:00	5:52:44	5:15:14	0:37:30	37
10	14	PE325	3	7	PE325	Sí	No	No	0:00:00	0:55:00	5:13:46	3:55:08	1:18:38	79
8	14	BP235	2	25	BP235	Sí	No	No	0:00:00	0:55:00	5:42:45	5:09:29	0:33:15	33
7	15	BP235	0	11	PN156	No	Yes	Yes	0:00:00	0:00:00	5:15:17	5:15:17	0:00:00	0
12	14	FC800	2	113	BG125	No	Yes	Yes	0:58:57	0:00:00	5:39:35	5:39:35	0:00:00	0
10	13	HC650	3	75	PC480	No	No	Yes	0:00:00	0:00:00	5:39:37	4:46:49	0:52:48	53
6	12	PC480	5	37	PC480	Sí	Yes	Yes	0:00:00	0:55:00	3:20:26	3:20:26	0:00:00	0
11	15	PE325	1	12	BG125	No	No	Yes	0:00:00	0:00:00	5:50:21	5:44:37	0:05:44	6
1	12	PN156	4	14	BG125	No	Yes	Yes	0:00:00	0:00:00	4:50:06	4:02:51	0:47:15	47
14	15	PN156	0	35	HC650	No	Yes	Yes	1:18:16	0:00:00	4:06:09	4:06:09	0:00:00	0
6	14	HC650	0	27	PC480	No	Yes	Yes	0:00:00	0:00:00	5:21:22	5:21:22	0:00:00	0
2	16	PN156	5	34	PE325	No	No	No	0:00:00	0:00:00	4:28:59	3:43:42	0:45:17	45
3	16	HC650	0	5	PC480	No	Yes	Yes	0:00:00	0:00:00	5:13:01	5:13:01	0:00:00	0
10	15	PE325	2	109	PN156	No	No	Yes	0:00:00	0:00:00	5:52:32	5:11:07	0:41:25	41
2	16	HC650	3	36	BP235	No	Yes	Yes	0:00:00	0:00:00	6:40:22	5:02:48	1:37:34	98
13	15	FC800	4	69	HC650	No	No	Yes	0:36:00	0:00:00	3:56:00	3:56:00	0:00:00	0
5	14	BP235	2	40	FC800	No	No	Yes	0:00:00	0:00:00	5:32:57	4:36:53	0:56:04	56
5	15	BG125	0	36	FC800	No	No	No	0:00:00	0:00:00	5:24:48	5:24:48	0:00:00	0
11	13	BP235	2	109	BP235	Sí	Yes	Yes	0:56:52	0:55:00	6:55:37	5:49:06	1:06:31	67

9	13	BP235	1	111	PN156	No	Yes	Yes	0:00:00	0:00:00	5:53:18	5:53:18	0:00:00	0
1	14	PC480	1	59	HC650	No	No	Yes	0:00:00	0:00:00	5:33:32	5:20:39	0:12:53	13
9	13	FC800	0	15	BP235	No	No	No	0:00:00	0:00:00	6:28:13	6:28:13	0:00:00	0
8	15	PC480	4	94	BP235	No	No	No	0:00:00	0:00:00	4:10:15	4:10:15	0:00:00	0
7	13	BP235	1	51	PE325	No	No	Yes	0:00:00	0:00:00	5:30:30	5:11:07	0:19:23	19
9	15	FC800	4	41	PN156	No	Yes	Yes	0:00:00	0:00:00	4:45:36	4:07:05	0:38:31	39
1	15	PN156	3	108	PN156	Sí	Yes	Yes	0:00:00	0:55:00	5:52:09	5:11:07	0:41:03	41
7	14	PE325	5	67	BP235	No	No	No	0:00:00	0:00:00	3:07:53	3:07:53	0:00:00	0
6	13	PN156	3	78	BP235	No	Yes	Yes	0:00:00	0:00:00	7:04:39	5:34:43	1:29:56	90
11	16	PE325	2	73	PN156	No	No	No	0:00:00	0:00:00	5:38:51	5:11:07	0:27:45	28
2	13	PC480	3	31	BP235	No	No	Yes	0:00:00	0:00:00	6:37:28	4:59:00	1:38:28	98
8	16	FC800	4	33	HC650	No	No	Yes	0:00:00	0:00:00	5:24:44	4:02:31	1:22:13	82
4	12	FC800	1	60	PN156	No	Yes	Yes	0:00:00	0:00:00	5:33:55	5:22:55	0:10:59	11
14	16	BG125	2	110	FC800	No	Yes	Yes	0:57:23	0:00:00	5:42:03	4:24:51	1:17:13	77
12	14	PE325	3	25	BG125	No	No	Yes	0:13:03	0:00:00	5:43:30	4:31:09	1:12:21	72
5	16	BG125	2	57	BP235	No	No	Yes	0:00:00	0:00:00	5:26:56	5:11:08	0:15:48	16
9	12	BG125	2	62	HC650	No	Yes	Yes	0:00:00	0:00:00	5:07:42	4:29:06	0:38:36	39
12	15	FC800	0	79	BG125	No	No	Yes	0:00:00	0:00:00	6:22:19	6:22:19	0:00:00	0
14	14	PN156	0	113	PE325	No	Yes	Yes	2:58:57	0:00:00	3:49:03	2:55:06	0:53:57	54
6	14	FC800	2	76	BG125	No	Yes	Yes	0:00:00	0:00:00	6:20:53	5:44:37	0:36:16	36
3	15	FC800	5	50	PC480	No	No	No	0:00:00	0:00:00	4:18:48	3:46:24	0:32:24	32
2	14	BG125	2	63	BG125	Sí	Yes	Yes	0:00:00	0:55:00	5:19:35	4:52:09	0:27:26	27
10	12	BP235	1	63	FC800	No	No	No	0:32:52	0:00:00	5:02:11	4:55:25	0:06:46	7
4	15	PN156	3	73	HC650	No	No	No	0:00:00	0:00:00	5:38:51	4:45:18	0:53:33	54
16	16	BG125	0	86	FC800	No	Yes	Yes	2:44:52	0:00:00	3:38:48	2:58:55	0:39:52	40
3	12	PE325	4	29	HC650	No	No	Yes	0:00:00	0:00:00	5:44:19	4:00:14	1:44:04	104
2	12	FC800	1	30	PE325	No	No	No	0:00:00	0:00:00	5:22:31	5:11:07	0:11:24	11
12	16	PC480	0	46	BP235	No	Yes	Yes	0:00:00	0:00:00	6:46:09	6:46:09	0:00:00	0
3	16	BG125	2	16	BG125	Sí	Yes	Yes	0:00:00	0:55:00	4:45:57	4:18:31	0:27:26	27
5	12	BG125	1	54	BP235	No	No	Yes	0:00:00	0:00:00	6:50:46	6:19:32	0:31:14	31
6	15	PE325	5	77	BG125	No	Yes	Yes	0:00:00	0:00:00	3:12:27	3:12:27	0:00:00	0
12	12	BP235	2	14	HC650	No	Yes	Yes	2:07:18	0:00:00	5:10:23	3:09:08	2:01:16	121
4	14	PC480	0	17	BG125	No	No	No	0:00:00	0:00:00	5:52:44	5:52:44	0:00:00	0
8	14	PC480	4	66	PC480	Sí	No	Yes	0:00:00	0:55:00	4:59:51	4:21:20	0:38:31	39
4	16	PC480	0	72	HC650	No	Yes	Yes	0:00:00	0:00:00	5:38:28	5:38:28	0:00:00	0
2	13	HC650	3	92	HC650	Sí	Yes	Yes	0:00:00	0:55:00	5:46:04	4:59:44	0:46:20	46
2	14	PE325	0	5	PN156	No	No	No	0:00:00	0:00:00	5:13:01	5:13:01	0:00:00	0
15	15	HC650	5	113	HC650	Sí	Yes	Yes	2:58:57	0:55:00	3:28:52	2:55:06	0:33:46	34
1	13	BG125	1	31	PC480	No	No	Yes	0:00:00	0:00:00	5:22:54	5:11:07	0:11:47	12
14	15	PC480	3	71	FC800	No	No	No	1:37:03	0:00:00	4:01:03	4:00:05	0:00:58	1
4	16	PC480	0	96	FC800	No	No	No	0:00:00	0:00:00	5:47:36	5:47:36	0:00:00	0
6	14	PC480	0	26	PE325	No	Yes	Yes	0:00:00	0:00:00	5:21:00	5:21:00	0:00:00	0
6	12	BP235	0	105	BG125	No	Yes	Yes	0:00:00	0:00:00	6:34:43	6:34:43	0:00:00	0
13	15	PN156	3	64	HC650	No	No	No	0:33:23	0:00:00	5:02:03	4:37:43	0:24:19	24
10	13	HC650	1	109	BP235	No	Yes	Yes	0:00:00	0:00:00	7:22:35	7:22:35	0:00:00	0
8	13	BG125	0	37	PC480	No	Yes	Yes	0:00:00	0:00:00	5:25:10	5:25:10	0:00:00	0
11	12	HC650	5	95	PE325	No	No	No	1:49:34	0:00:00	3:20:39	3:20:39	0:00:00	0
1	12	BP235	0	6	FC800	No	No	No	0:00:00	0:00:00	5:13:23	5:13:23	0:00:00	0
9	12	PC480	3	98	HC650	No	No	Yes	0:00:00	0:00:00	5:48:21	5:04:18	0:44:03	44
10	13	FC800	4	115	BP235	No	No	Yes	0:00:00	0:00:00	4:22:13	4:22:13	0:00:00	0
7	16	BG125	1	106	PN156	No	Yes	Yes	0:00:00	0:00:00	5:51:24	5:37:51	0:13:33	14
2	12	PC480	1	11	BG125	No	No	No	0:00:00	0:00:00	5:49:52	5:44:37	0:05:15	5
1	13	HC650	4	21	PE325	No	No	No	0:00:00	0:00:00	6:45:18	3:55:40	2:49:38	170

10	15	PN156	3	15	BP235	No	Yes	Yes	0:00:00	0:00:00	6:28:13	4:46:50	1:41:23	101
12	14	FC800	5	108	PN156	No	No	Yes	0:56:21	0:00:00	3:26:35	3:26:35	0:00:00	0
6	15	PC480	4	63	FC800	No	Yes	Yes	0:00:00	0:00:00	6:03:41	4:19:37	1:44:04	104
14	14	PE325	2	64	BP235	No	Yes	Yes	2:33:23	0:00:00	4:51:33	4:23:10	0:28:23	28
8	15	PN156	0	68	BP235	No	No	Yes	0:00:00	0:00:00	6:58:52	6:58:52	0:00:00	0
6	16	PN156	1	96	BG125	No	No	Yes	0:00:00	0:00:00	6:30:26	6:30:26	0:00:00	0
4	14	PE325	2	80	BP235	No	Yes	Yes	0:00:00	0:00:00	7:05:49	6:19:32	0:46:16	46
6	16	FC800	3	22	PC480	No	No	No	0:00:00	0:00:00	5:19:28	4:06:32	1:12:56	73
10	12	BG125	1	63	BG125	Sí	Yes	Yes	0:32:52	0:55:00	5:41:49	5:11:45	0:30:04	30
7	13	FC800	5	58	BG125	No	No	Yes	0:00:00	0:00:00	3:03:47	3:03:47	0:00:00	0
6	16	PE325	3	44	PE325	Sí	No	Yes	0:00:00	0:55:00	5:27:50	4:23:15	1:04:34	65
5	12	FC800	1	11	PE325	No	No	Yes	0:00:00	0:00:00	5:15:17	5:11:07	0:04:11	4
8	16	PE325	0	101	FC800	No	No	Yes	0:00:00	0:00:00	5:49:30	5:49:30	0:00:00	0
13	16	BP235	1	87	HC650	No	Yes	Yes	0:00:00	0:00:00	5:44:10	5:37:04	0:07:06	7
1	14	FC800	5	74	PE325	No	Yes	Yes	0:00:00	0:00:00	4:38:29	3:57:20	0:41:09	41
11	12	PC480	1	106	PN156	No	Yes	Yes	1:55:18	0:00:00	3:56:05	3:56:05	0:00:00	0
14	16	FC800	4	24	FC800	Sí	Yes	Yes	0:12:31	0:55:00	3:30:21	3:30:21	0:00:00	0
5	12	BG125	2	64	BP235	No	Yes	Yes	0:00:00	0:00:00	5:31:56	5:16:09	0:15:48	16
4	15	FC800	0	45	BG125	No	Yes	Yes	0:00:00	0:00:00	6:06:06	6:06:06	0:00:00	0
2	14	BG125	2	39	HC650	No	Yes	Yes	0:00:00	0:00:00	4:51:14	4:12:38	0:38:36	39
15	15	PN156	3	101	HC650	No	Yes	Yes	2:52:42	0:00:00	3:44:30	2:56:48	0:47:42	48
2	13	HC650	1	47	FC800	No	Yes	Yes	0:00:00	0:00:00	5:28:58	5:11:07	0:17:52	18
10	12	BP235	0	96	PC480	No	Yes	Yes	0:50:05	0:00:00	4:57:30	4:57:30	0:00:00	0
6	14	BP235	1	103	PN156	No	Yes	Yes	0:00:00	0:00:00	5:50:15	5:50:15	0:00:00	0
7	13	PN156	4	9	HC650	No	Yes	Yes	0:00:00	0:00:00	4:27:21	3:48:50	0:38:31	39
6	12	HC650	5	26	BG125	No	No	Yes	0:00:00	0:00:00	2:49:11	2:49:11	0:00:00	0
11	16	BP235	0	62	BP235	Sí	Yes	Yes	0:00:00	0:55:00	6:55:24	6:55:24	0:00:00	0
5	12	HC650	5	107	HC650	Sí	No	No	0:00:00	0:55:00	4:01:06	4:01:06	0:00:00	0
8	14	PE325	1	96	FC800	No	Yes	Yes	0:00:00	0:00:00	5:47:36	5:47:36	0:00:00	0
5	13	PN156	0	59	BG125	No	Yes	Yes	0:00:00	0:00:00	6:12:46	6:12:46	0:00:00	0
10	14	BP235	2	47	PE325	No	No	Yes	0:00:00	0:00:00	5:39:01	4:42:57	0:56:04	56
9	12	HC650	5	66	PC480	No	Yes	Yes	0:00:00	0:00:00	3:07:26	3:07:26	0:00:00	0
6	16	FC800	4	68	BG125	No	Yes	Yes	0:00:00	0:00:00	5:10:12	4:33:38	0:36:34	37
8	13	BP235	2	6	HC650	No	Yes	Yes	0:00:00	0:00:00	5:03:27	4:07:23	0:56:04	56
2	16	FC800	3	19	BG125	No	Yes	Yes	0:00:00	0:00:00	5:53:41	4:26:36	1:27:05	87
12	12	BG125	0	6	PE325	No	Yes	Yes	2:03:08	0:00:00	3:10:16	3:10:16	0:00:00	0
7	16	PC480	4	44	HC650	No	No	Yes	0:00:00	0:00:00	5:52:52	4:08:47	1:44:04	104
9	13	PC480	5	10	BP235	No	Yes	Yes	0:00:00	0:00:00	2:41:54	2:41:54	0:00:00	0
12	13	PE325	1	5	FC800	No	Yes	Yes	1:02:37	0:00:00	4:10:24	4:08:30	0:01:54	2
5	16	PC480	3	47	FC800	No	No	No	0:00:00	0:00:00	5:28:58	4:25:32	1:03:26	63
5	13	BP235	0	33	PN156	No	Yes	Yes	0:00:00	0:00:00	5:23:39	5:23:39	0:00:00	0