

## Interlagos, 14 a 17 de dezembro de 2023

8ª Etapa Copa Shell Hyundai HB20

Interlagos 4,309 km

1ª Prova

16/12/2023 15:08

Race (25:00 and 1 Laps) started at 15:08:57

Lap	Time of Day	Lap Tm	S1	S2	S3	SPT
<b>(77) BETO CAVALEIRO / BERNARDO CARDOSO</b>						
1	15:11:30.796	2:32.814	53.064	38.736	1:01.014	123,9
2	15:14:41.166	3:10.370	1:31.794	46.361	52.215	87,1
3	15:16:52.177	<b>2:11.011</b>	51.272	<b>38.624</b>	41.115	156,9
4	15:19:15.717	2:23.540	51.407	39.409	52.724	168,1
5	15:22:02.837	2:47.120	1:10.563	45.399	51.158	107,0
6	15:24:24.405	2:21.568	<b>51.104</b>	38.938	51.526	161,2
7	15:27:25.556	3:01.151	1:15.155	50.169	55.827	122,3
8	15:30:13.296	2:47.740	1:11.642	46.678	49.420	97,0
9	15:32:45.553	2:32.257	1:00.542	42.783	48.932	123,9
10	15:34:56.881	2:11.328	51.282	39.004	<b>41.042</b>	163,7
11	15:37:08.343	2:11.462	51.206	39.045	41.211	<b>169,1</b>

**(21) MARCUS INDIO**

1	15:11:32.213	2:33.966	53.389	38.934	1:01.643	126,3
2	15:14:41.613	3:09.400	1:31.211	47.087	51.102	85,3
3	15:16:52.662	<b>2:11.049</b>	51.236	39.083	40.730	161,2
4	15:19:16.773	2:24.111	52.045	39.922	52.144	<b>173,6</b>
5	15:22:03.218	2:46.445	1:10.814	45.103	50.528	110,1
6	15:24:25.171	2:21.953	51.159	39.273	51.521	164,7
7	15:27:26.338	3:01.167	1:15.591	50.274	55.302	116,3
8	15:30:14.320	2:47.982	1:12.772	46.247	48.963	99,3
9	15:32:46.003	2:31.683	1:00.075	43.024	48.584	123,8
10	15:34:58.397	2:12.394	<b>51.106</b>	39.726	41.562	168,1
11	15:37:09.878	2:11.481	52.200	<b>38.700</b>	<b>40.581</b>	167,3

**(808) ALBERTO CATTUCCI**

1	15:11:33.519	2:35.104	53.784	38.996	1:02.324	126,0
2	15:14:42.278	3:08.759	1:31.747	46.469	50.543	85,8
3	15:16:53.478	<b>2:11.200</b>	51.167	39.249	40.784	159,3
4	15:19:17.526	2:24.048	51.221	40.396	52.431	<b>173,8</b>
5	15:22:03.408	2:45.882	1:10.599	45.044	50.239	116,7
6	15:24:25.497	2:22.089	51.413	39.223	51.453	163,4
7	15:27:26.826	3:01.329	1:15.718	50.473	55.138	118,0
8	15:30:15.015	2:48.189	1:12.911	46.070	49.208	95,9
9	15:32:46.272	2:31.257	59.761	43.176	48.320	124,6
10	15:34:58.799	2:12.527	<b>51.055</b>	39.755	41.717	166,0
11	15:37:10.444	2:11.645	52.070	<b>38.867</b>	<b>40.708</b>	168,3

**(107) ERNANI KUHN**

1	15:11:32.776	2:34.432	53.503	38.993	1:01.936	125,5
2	15:14:41.815	3:09.039	1:31.644	46.833	50.562	86,3
3	15:16:52.892	<b>2:11.077</b>	51.226	39.292	<b>40.559</b>	160,2

ASSINADO DIGITALMENTE POR:

 Roger Silvestro  
 Comissário Desportivo  
 16/12/2023 15:53:13

Orbits

ASSINADO DIGITALMENTE POR:

 Rodrigo Konig  
 Comissário Desportivo  
 16/12/2023 15:47:24

ASSINADO DIGITALMENTE POR:

 José Mario Santos do Amaral  
 Comissário Desportivo  
 16/12/2023 15:51:55

ASSINADO DIGITALMENTE POR:

 Renan Augusto Casetta Rodrigues  
 Diretor de Prova  
 16/12/2023 15:52:16

ASSINADO DIGITALMENTE POR:

 Violeta Pernice  
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Lap	Time of Day	Lap Tm	S1	S2	S3	SPT
4	15:19:16.396	2:23.504	51.472	39.182	52.850	<b>177,3</b>
5	15:22:02.990	2:46.594	1:10.899	44.993	50.702	110,5
6	15:24:24.652	2:21.662	<b>51.162</b>	39.059	51.441	161,9
7	15:27:25.943	3:01.291	1:15.488	50.320	55.483	119,5
8	15:30:13.436	2:47.493	1:12.529	46.299	48.665	98,3
9	15:32:45.732	2:32.296	1:00.590	42.907	48.799	122,5
10	15:34:58.425	2:12.693	51.205	39.939	41.549	165,5
11	15:37:10.900	2:12.475	52.772	<b>38.922</b>	40.781	170,8

## (15) BRUNO TESTA

1	15:11:34.891	2:36.313	54.442	39.021	1:02.850	125,5
2	15:14:43.001	3:08.110	1:31.777	46.818	49.515	87,8
3	15:16:54.769	<b>2:11.768</b>	51.827	<b>38.744</b>	41.197	158,1
4	15:19:18.758	2:23.989	<b>51.052</b>	40.949	51.988	<b>171,6</b>
5	15:22:04.172	2:45.414	1:11.462	44.573	49.379	109,2
6	15:24:25.903	2:21.731	51.697	38.885	51.149	165,0
7	15:27:27.065	3:01.162	1:15.702	50.695	54.765	116,5
8	15:30:15.643	2:48.578	1:13.825	45.842	48.911	99,3
9	15:32:46.808	2:31.165	59.577	43.503	48.085	130,0
10	15:34:58.842	2:12.034	51.131	39.414	41.489	168,3
11	15:37:11.570	2:12.728	52.327	39.283	<b>41.118</b>	168,6

## (27) PEDRO PERDONCINI

1	15:11:38.769	2:38.723	54.633	40.429	1:03.661	137,7
2	15:14:44.628	3:05.859	1:32.312	46.412	47.135	101,2
3	15:16:57.208	2:12.580	52.606	39.188	<b>40.786</b>	160,7
4	15:19:21.229	2:24.021	<b>50.927</b>	40.392	52.702	<b>175,0</b>
5	15:22:05.000	2:43.771	1:10.700	44.868	48.203	108,1
6	15:24:27.058	2:22.058	51.765	39.135	51.158	167,0
7	15:27:28.475	3:01.417	1:15.927	50.710	54.780	116,6
8	15:30:17.242	2:48.767	1:14.807	45.356	48.604	93,1
9	15:32:47.080	2:29.838	1:00.364	42.022	47.452	130,9
10	15:35:01.244	2:14.164	52.135	40.539	41.490	168,9
11	15:37:12.160	<b>2:10.916</b>	51.124	<b>38.924</b>	40.868	171,0

## (22) VICTOR ANDRADE

1	15:11:38.012	2:38.473	54.449	40.207	1:03.817	129,8
2	15:14:44.399	3:06.387	1:32.339	46.116	47.932	96,6
3	15:16:56.719	2:12.320	52.646	<b>38.694</b>	40.980	160,2
4	15:19:20.654	2:23.935	<b>50.951</b>	40.232	52.752	<b>173,0</b>
5	15:22:04.594	2:43.940	1:10.709	44.851	48.380	110,4
6	15:24:27.514	2:22.920	51.776	40.033	51.111	165,5
7	15:27:29.041	3:01.527	1:16.031	50.899	54.597	113,6
8	15:30:17.698	2:48.657	1:15.034	45.864	47.759	95,8

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Lap	Time of Day	Lap Tm	S1	S2	S3	SPT
9	15:32:47.378	2:29.680	1:00.581	41.849	47.250	127,8
10	15:35:02.140	2:14.762	52.118	40.313	42.331	170,0
11	15:37:13.879	<b>2:11.739</b>	52.032	38.787	<b>40.920</b>	169,4

## (16) LEO MARTINS

1	15:11:36.250	2:36.592	54.271	39.378	1:02.943	136,3
2	15:14:43.605	3:07.355	1:32.605	46.147	48.603	91,9
3	15:16:55.373	<b>2:11.768</b>	51.718	39.192	40.858	159,0
4	15:19:19.378	2:24.005	<b>51.243</b>	40.488	52.274	<b>176,1</b>
5	15:22:04.294	2:44.916	1:11.409	44.617	48.890	110,2
6	15:24:26.385	2:22.091	51.830	<b>39.116</b>	51.145	165,7
7	15:27:27.809	3:01.424	1:16.026	50.529	54.869	113,6
8	15:30:16.404	2:48.595	1:14.860	45.115	48.620	101,1
9	15:32:46.945	2:30.541	1:00.354	42.369	47.818	127,6
10	15:35:02.157	2:15.212	52.280	40.821	42.111	167,0
11	15:37:14.331	2:12.174	52.228	39.122	<b>40.824</b>	167,5

## (343) CHRIS BORNEMANN

1	15:11:36.966	2:38.159	55.222	39.709	1:03.228	125,1
2	15:14:44.097	3:07.131	1:32.316	46.176	48.639	95,7
3	15:16:58.319	2:14.222	53.155	39.657	41.410	155,1
4	15:19:22.498	2:24.179	52.500	39.575	52.104	168,1
5	15:22:05.636	2:43.138	1:10.630	44.813	47.695	106,7
6	15:24:28.461	2:22.825	51.905	39.479	51.441	164,7
7	15:27:30.267	3:01.806	1:16.970	50.382	54.454	120,4
8	15:30:18.818	2:48.551	1:15.501	45.468	47.582	101,5
9	15:32:48.184	2:29.366	1:00.637	41.790	46.939	127,2
10	15:35:03.167	2:14.983	<b>51.642</b>	40.355	42.986	165,7
11	15:37:15.991	<b>2:12.824</b>	52.487	<b>38.978</b>	<b>41.359</b>	<b>170,8</b>

## (99) ENZO FALQUETE

1	15:11:44.334	2:41.081	53.230	41.056	1:06.795	138,6
2	15:14:47.384	3:03.050	1:32.138	46.488	44.424	93,1
3	15:17:00.769	2:13.385	51.921	40.085	41.379	167,8
4	15:19:24.138	2:23.369	52.436	40.221	50.712	173,0
5	15:22:06.608	2:42.470	1:10.812	45.536	46.122	101,7
6	15:24:30.048	2:23.440	51.782	39.965	51.693	166,8
7	15:27:31.794	3:01.746	1:16.922	51.104	53.720	113,2
8	15:30:20.662	2:48.868	1:15.934	45.913	47.021	99,5
9	15:32:49.082	2:28.420	1:01.392	41.012	46.016	120,5
10	15:35:03.782	2:14.700	<b>51.703</b>	40.740	42.257	168,6
11	15:37:16.171	<b>2:12.389</b>	52.178	<b>39.020</b>	<b>41.191</b>	<b>173,3</b>

## (48) RAFAEL VELHO

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Lap	Time of Day	Lap Tm	S1	S2	S3	SPT
1	15:11:40.795	2:40.429	54.820	40.836	1:04.773	141,5
2	15:14:45.549	3:04.754	1:31.974	47.110	45.670	94,3
3	15:17:00.433	2:14.884	52.522	40.179	42.183	163,7
4	15:19:26.427	2:25.994	53.692	41.937	50.365	169,7
5	15:22:07.508	2:41.081	1:11.152	44.944	44.985	106,9
6	15:24:31.064	2:23.556	52.185	40.130	51.241	169,7
7	15:27:33.131	3:02.067	1:17.095	51.057	53.915	120,4
8	15:30:21.644	2:48.513	1:16.148	45.670	46.695	105,8
9	15:32:49.456	2:27.812	1:01.416	41.052	45.344	114,1
10	15:35:04.250	2:14.794	53.293	39.411	42.090	<b>171,6</b>
11	15:37:16.313	<b>2:12.063</b>	<b>51.932</b>	<b>39.278</b>	<b>40.853</b>	170,5

## (715) DIEGO VALLINI

1	15:11:43.670	2:42.098	54.616	40.916	1:06.566	137,7
2	15:14:47.071	3:03.401	1:32.231	46.742	44.428	94,4
3	15:17:00.586	<b>2:13.515</b>	<b>52.052</b>	39.986	41.477	165,2
4	15:19:25.960	2:25.374	53.160	41.796	50.418	171,9
5	15:22:07.475	2:41.515	1:10.895	45.065	45.555	107,0
6	15:24:32.041	2:24.566	52.736	41.097	50.733	165,7
7	15:27:34.422	3:02.381	1:17.602	52.084	52.695	122,9
8	15:30:24.004	2:49.582	1:17.783	46.743	45.056	114,0
9	15:32:50.230	2:26.226	1:01.096	40.899	44.231	121,6
10	15:35:04.205	2:13.975	52.823	<b>39.625</b>	41.527	170,5
11	15:37:17.794	2:13.589	52.261	39.902	<b>41.426</b>	<b>174,7</b>

## (147) THIAGO LOPES

1	15:11:46.389	2:42.304	53.643	41.509	1:07.152	138,2
2	15:14:48.700	3:02.311	1:32.660	47.579	42.072	82,0
3	15:17:02.093	<b>2:13.393</b>	<b>51.681</b>	40.291	41.421	172,4
4	15:19:27.922	2:25.829	52.864	43.315	49.650	174,4
5	15:22:08.070	2:40.148	1:11.481	44.514	44.153	108,2
6	15:24:31.622	2:23.552	52.756	<b>39.433</b>	51.363	174,4
7	15:27:33.853	3:02.231	1:17.422	51.639	53.170	121,8
8	15:30:22.756	2:48.903	1:16.939	46.342	45.622	112,5
9	15:32:50.212	2:27.456	1:01.180	41.361	44.915	117,6
10	15:35:04.834	2:14.622	53.176	40.336	<b>41.110</b>	170,8
11	15:37:18.657	2:13.823	52.018	40.426	41.379	<b>175,8</b>

## (5) ALESSANDRO XAVIER

1	15:11:41.497	2:42.547	55.631	41.506	1:05.410	122,3
2	15:14:45.885	3:04.388	1:32.017	47.248	45.123	92,8
3	15:17:00.199	<b>2:14.314</b>	52.673	<b>39.744</b>	<b>41.897</b>	162,2
4	15:19:23.610	2:23.411	52.765	39.761	50.885	168,1
5	15:22:06.322	2:42.712	1:10.895	45.558	46.259	104,4

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6	15:24:29.517	2:23.195	51.875	39.904	51.416	165,5
7	15:27:31.354	3:01.837	1:17.015	51.183	53.639	116,0
8	15:30:20.034	2:48.680	1:15.919	45.980	46.781	97,7
9	15:32:48.825	2:28.791	1:01.658	40.930	46.203	118,4
10	15:35:03.600	2:14.775	<b>51.778</b>	40.110	42.887	167,0
11	15:37:20.098	2:16.498	53.059	41.357	42.082	<b>171,9</b>

## (55) BRUNO MARTINS

1	15:11:48.386	2:44.443	54.134	42.686	1:07.623	140,6
2	15:14:50.589	3:02.203	1:32.581	48.051	41.571	75,6
3	15:17:04.104	<b>2:13.515</b>	51.954	<b>40.422</b>	41.139	172,7
4	15:19:29.602	2:25.498	<b>51.592</b>	43.868	50.038	173,6
5	15:22:10.283	2:40.681	1:12.912	43.509	44.260	110,4
6	15:24:33.270	2:22.987	52.082	40.922	49.983	171,0
7	15:27:35.827	3:02.557	1:18.219	52.173	52.165	119,7
8	15:30:25.696	2:49.869	1:18.080	46.930	44.859	107,9
9	15:32:50.700	2:25.004	1:00.692	41.424	42.888	125,1
10	15:35:05.572	2:14.872	53.026	40.939	<b>40.907</b>	172,1
11	15:37:21.314	2:15.742	52.641	40.966	42.135	<b>176,4</b>

## (88) VITO ARDITO / AGOSTINHO ARDITO

1	15:11:39.426	2:39.123	53.918	40.725	1:04.480	137,5
2	15:14:45.126	3:05.700	1:32.009	46.941	46.750	100,9
3	15:16:59.158	<b>2:14.032</b>	52.653	40.059	<b>41.320</b>	159,5
4	15:19:23.068	2:23.910	51.705	39.803	52.402	171,0
5	15:22:06.038	2:42.970	1:10.505	45.700	46.765	108,3
6	15:24:28.908	2:22.870	<b>51.612</b>	<b>39.722</b>	51.536	166,2
7	15:27:30.774	3:01.866	1:17.007	50.965	53.894	115,7
8	15:30:19.337	2:48.563	1:15.562	45.904	47.097	97,1
9	15:32:48.306	2:28.969	1:00.650	41.984	46.335	124,2
10	15:35:04.541	2:16.235	51.749	40.205	44.281	168,6
11	15:37:21.429	2:16.888	53.254	40.781	42.853	<b>172,7</b>

## (141) JOAO LEMOS

1	15:11:44.813	2:42.982	54.594	41.487	1:06.901	138,2
2	15:14:47.635	3:02.822	1:32.287	46.454	44.081	90,0
3	15:17:01.886	<b>2:14.251</b>	<b>51.860</b>	<b>40.313</b>	42.078	168,6
4	15:19:27.633	2:25.747	52.749	42.980	50.018	<b>176,1</b>
5	15:22:07.866	2:40.233	1:11.180	44.649	44.404	109,6
6	15:24:32.460	2:24.594	53.191	40.881	50.522	172,7
7	15:27:34.729	3:02.269	1:17.643	52.171	52.455	125,1
8	15:30:24.693	2:49.964	1:17.884	47.047	45.033	110,8
9	15:32:50.514	2:25.821	1:00.728	41.265	43.828	128,5
10	15:35:06.203	2:15.689	53.122	41.419	<b>41.148</b>	170,5

ASSINADO DIGITALMENTE POR:

 Roger Silvestro  
 Comissário Desportivo  
 16/12/2023 15:53:13

Orbits

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 Comissário Desportivo  
 16/12/2023 15:47:24

ASSINADO DIGITALMENTE POR:

 José Mario Santos do Amaral  
 Comissário Desportivo  
 16/12/2023 15:51:55

ASSINADO DIGITALMENTE POR:

 Renan Augusto Casetta Rodrigues  
 Diretor de Prova  
 16/12/2023 15:52:16

ASSINADO DIGITALMENTE POR:

 Violeta Pernice  
 Comissário Desportivo  
 16/12/2023 15:52:58


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 16/12/2023 15:52:58

## Interlagos, 14 a 17 de dezembro de 2023

8ª Etapa Copa Shell Hyundai HB20

Interlagos 4,309 km

1ª Prova

16/12/2023 15:08

Race (25:00 and 1 Laps) started at 15:08:57

Lap	Time of Day	Lap Tm	S1	S2	S3	SPT
11	15:37:22.122	2:15.919	52.258	41.013	42.648	174,4

**(69) ANDRE PEDROTTI**

1	15:11:48.933	2:44.214	55.309	40.770	1:08.135	136,1
2	15:14:51.117	3:02.184	1:32.354	48.085	41.745	75,6
3	15:17:04.883	<b>2:13.766</b>	<b>51.948</b>	40.250	<b>41.568</b>	171,6
4	15:19:30.071	2:25.188	52.712	43.380	49.096	171,6
5	15:22:11.375	2:41.304	1:13.803	44.042	43.459	108,6
6	15:24:34.238	2:22.863	52.360	40.779	49.724	168,3
7	15:27:36.636	3:02.398	1:18.975	51.313	52.110	111,8
8	15:30:26.453	2:49.817	1:18.030	47.124	44.663	99,4
9	15:32:51.983	2:25.530	1:00.767	41.523	43.240	120,4
10	15:35:07.445	2:15.462	53.076	40.815	41.571	172,7
11	15:37:22.257	2:14.812	52.574	<b>40.226</b>	42.012	<b>173,8</b>

**(393) CLAUDIO HARMUCH**

1	15:11:47.697	2:42.947	53.584	41.760	1:07.603	138,0
2	15:14:50.376	3:02.679	1:32.617	47.731	42.331	85,6
3	15:17:04.020	<b>2:13.644</b>	52.007	<b>39.891</b>	41.746	168,3
4	15:19:29.797	2:25.777	53.217	42.918	49.642	168,3
5	15:22:10.828	2:41.031	1:13.055	43.819	44.157	103,0
6	15:24:33.872	2:23.044	<b>51.778</b>	41.552	49.714	168,6
7	15:27:36.342	3:02.470	1:18.729	51.435	52.306	114,1
8	15:30:26.142	2:49.800	1:17.939	47.017	44.844	113,4
9	15:32:51.732	2:25.590	1:00.681	41.517	43.392	127,9
10	15:35:07.283	2:15.551	52.405	41.417	<b>41.729</b>	169,4
11	15:37:22.284	2:15.001	52.284	40.319	42.398	<b>173,6</b>

**(23) THALINE CHICOSKI**

1	15:11:42.705	2:42.779	55.827	40.990	1:05.962	134,5
2	15:14:46.549	3:03.844	1:31.814	47.191	44.839	100,2
3	15:17:01.181	2:14.632	<b>52.552</b>	<b>40.539</b>	41.541	166,0
4	15:19:26.928	2:25.747	53.395	42.171	50.181	172,4
5	15:22:07.661	2:40.733	1:11.343	44.683	44.707	106,3
6	15:24:32.710	2:25.049	53.421	41.342	50.286	165,7
7	15:27:35.081	3:02.371	1:17.826	52.093	52.452	123,3
8	15:30:25.168	2:50.087	1:17.906	47.183	44.998	109,9
9	15:32:50.646	2:25.478	1:00.751	41.167	43.560	129,5
10	15:35:04.944	<b>2:14.298</b>	52.877	40.548	<b>40.873</b>	171,0
11	15:37:22.511	2:17.567	53.204	40.568	43.795	<b>173,0</b>

**(13) MARCELO ZEBRA**

1	15:11:49.887	2:44.855	53.918	42.169	1:08.768	138,6
2	15:14:52.101	3:02.214	1:32.472	47.970	41.772	78,0

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## Interlagos, 14 a 17 de dezembro de 2023

8ª Etapa Copa Shell Hyundai HB20

Interlagos 4,309 km

1ª Prova

16/12/2023 15:08

Race (25:00 and 1 Laps) started at 15:08:57

Lap	Time of Day	Lap Tm	S1	S2	S3	SPT
3	15:17:05.368	<b>2:13.267</b>	<b>51.369</b>	<b>40.070</b>	41.828	169,4
4	15:19:29.822	2:24.454	52.254	41.547	50.653	173,6
5	15:22:11.351	2:41.529	1:13.673	44.103	43.753	113,6
6	15:24:35.716	2:24.365	52.721	41.465	50.179	166,0
7	15:27:37.602	3:01.886	1:18.523	51.269	52.094	130,1
8	15:30:28.606	2:51.004	1:18.932	46.822	45.250	102,5
9	15:32:52.310	2:23.704	59.340	41.359	43.005	139,3
10	15:35:07.689	2:15.379	53.162	40.676	<b>41.541</b>	172,7
11	15:37:22.581	2:14.892	52.655	40.078	42.159	<b>175,0</b>

## (84) THIAGO SANSANA

1	15:11:46.006	2:44.892	54.824	43.099	1:06.969	138,4
2	15:14:48.486	3:02.480	1:32.547	47.701	42.232	82,9
3	15:17:02.827	2:14.341	52.947	<b>39.607</b>	41.787	171,6
4	15:19:28.693	2:25.866	52.251	43.587	50.028	170,5
5	15:22:09.758	2:41.065	1:12.013	44.419	44.633	111,9
6	15:24:38.193	2:28.435	55.911	42.764	49.760	165,5
7	15:27:39.237	3:01.044	1:18.678	52.009	50.357	128,5
8	15:30:31.364	2:52.127	1:19.532	47.778	44.817	88,6
9	15:32:54.426	2:23.062	59.408	41.949	41.705	144,0
10	15:35:08.491	<b>2:14.065</b>	53.005	39.843	<b>41.217</b>	171,9
11	15:37:22.908	2:14.417	<b>52.040</b>	40.329	42.048	<b>172,1</b>

## (20) BRUNO MASSA

1	15:11:52.767	2:48.319	54.933	42.806	1:10.580	138,2
2	15:14:55.129	3:02.362	1:32.698	47.586	42.078	76,3
3	15:17:08.515	<b>2:13.386</b>	52.326	<b>39.497</b>	41.563	171,0
4	15:19:32.504	2:23.989	<b>51.229</b>	43.956	48.804	171,9
5	15:22:13.215	2:40.711	1:15.383	41.705	43.623	98,9
6	15:24:36.880	2:23.665	52.174	41.857	49.634	167,3
7	15:27:38.423	3:01.543	1:18.634	51.418	51.491	134,2
8	15:30:29.681	2:51.258	1:19.132	47.416	44.710	99,8
9	15:32:54.005	2:24.324	59.296	41.779	43.249	140,8
10	15:35:07.887	2:13.882	51.746	40.854	<b>41.282</b>	171,0
11	15:37:23.022	2:15.135	52.784	40.415	41.936	<b>176,4</b>

## (275) RANGEL ZEN

1	15:11:51.344	2:45.389	55.051	40.636	1:09.702	137,9
2	15:14:54.124	3:02.780	1:32.160	48.060	42.560	81,5
3	15:17:07.016	<b>2:12.892</b>	51.861	<b>39.203</b>	<b>41.828</b>	167,3
4	15:19:31.378	2:24.362	<b>51.556</b>	43.874	48.932	168,9
5	15:22:12.990	2:41.612	1:13.746	43.899	43.967	109,2
6	15:24:37.606	2:24.616	52.793	41.904	49.919	163,7
7	15:27:38.805	3:01.199	1:18.427	51.506	51.266	135,6

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Interlagos, 14 a 17 de dezembro de 2023

8ª Etapa Copa Shell Hyundai HB20

Interlagos 4,309 km

1ª Prova

16/12/2023 15:08

Race (25:00 and 1 Laps) started at 15:08:57

Lap	Time of Day	Lap Tm	S1	S2	S3	SPT
8	15:30:30.360	2:51.555	1:19.163	47.523	44.869	96,0
9	15:32:54.269	2:23.909	59.226	41.807	42.876	137,7
10	15:35:09.758	2:15.489	52.831	40.551	42.107	170,8
11	15:37:23.629	2:13.871	51.692	40.347	41.832	<b>171,6</b>

(8) PEDRO BURGER

1	15:11:40.097	2:40.764	55.472	40.537	1:04.755	122,6
2	15:14:45.342	3:05.245	1:31.904	47.097	46.244	93,4
3	15:16:58.472	<b>2:13.130</b>	52.372	39.606	<b>41.152</b>	161,7
4	15:19:21.852	2:23.380	<b>51.437</b>	<b>39.028</b>	52.915	171,0
5	15:22:05.237	2:43.385	1:10.618	44.982	47.785	109,7
6	15:24:27.936	2:22.699	51.705	39.847	51.147	168,9
7	15:27:29.582	3:01.646	1:16.851	50.308	54.487	121,5
8	15:30:18.313	2:48.731	1:15.708	45.480	47.543	98,0
9	15:32:47.661	2:29.348	1:00.674	41.648	47.026	130,3
10	15:35:02.692	2:15.031	51.811	40.836	42.384	169,1
11	15:37:23.853	2:21.161	53.717	41.310	46.134	<b>171,3</b>

(87) DARCY MAROTTA / FABIO RIBEIRO

1	15:11:54.253	2:47.527	56.098	40.128	1:11.301	137,0
2	15:14:56.746	3:02.493	1:32.964	47.205	42.324	74,8
3	15:17:09.943	<b>2:13.197</b>	52.006	<b>39.259</b>	41.932	166,5
4	15:19:34.572	2:24.629	52.057	42.922	49.650	169,1
5	15:22:14.425	2:39.853	1:14.551	43.374	41.928	109,4
6	15:24:39.691	2:25.266	<b>51.902</b>	41.689	51.675	169,4
7	15:27:40.725	3:01.034	1:18.738	51.827	50.469	138,6
8	15:30:33.833	2:53.108	1:19.365	47.618	46.125	91,6
9	15:32:55.763	2:21.930	58.216	41.883	<b>41.831</b>	134,9
10	15:35:10.181	2:14.418	52.167	40.153	42.098	<b>171,6</b>
11	15:37:23.950	2:13.769	52.025	39.885	41.859	170,8

(717) TULIO PATTO

1	15:11:50.506	2:44.807	54.622	41.035	1:09.150	140,8
2	15:14:52.888	3:02.382	1:32.380	48.308	41.694	78,4
3	15:17:05.616	<b>2:12.728</b>	<b>51.329</b>	<b>39.927</b>	<b>41.472</b>	170,8
4	15:19:30.765	2:25.149	52.351	43.764	49.034	172,1
5	15:22:12.596	2:41.831	1:13.580	44.298	43.953	111,2
6	15:24:36.356	2:23.760	51.799	41.956	50.005	168,3
7	15:27:38.056	3:01.700	1:18.444	51.183	52.073	136,8
8	15:30:29.184	2:51.128	1:18.907	47.276	44.945	105,3
9	15:32:53.213	2:24.029	59.292	41.639	43.098	138,0
10	15:35:09.034	2:15.821	52.765	41.465	41.591	171,6
11	15:37:24.622	2:15.588	51.903	41.368	42.317	<b>175,8</b>

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**Ajudatech**  
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## Interlagos, 14 a 17 de dezembro de 2023

8ª Etapa Copa Shell Hyundai HB20

Interlagos 4,309 km

1ª Prova

16/12/2023 15:08

Race (25:00 and 1 Laps) started at 15:08:57

Lap	Time of Day	Lap Tm	S1	S2	S3	SPT
<b>(111) LEO RUFINO</b>						
1	15:11:34.497	2:35.802	54.102	<b>38.776</b>	1:02.924	124,1
2	15:14:42.710	3:08.213	1:31.564	46.792	49.857	86,4
3	15:16:53.858	<b>2:11.148</b>	<b>51.004</b>	39.271	<b>40.873</b>	159,5
4	15:19:18.469	2:24.611	51.029	41.286	52.296	173,0
5	15:22:03.849	2:45.380	1:11.426	44.483	49.471	111,2
6	15:24:45.715	2:41.866	51.509	1:00.847	49.510	165,7
7	15:27:46.412	3:00.697	1:15.717	53.039	51.941	136,1
8	15:30:37.757	2:51.345	1:17.571	48.900	44.874	120,8
9	15:32:58.727	2:20.970	59.224	40.774	40.972	138,0
10	15:35:12.264	2:13.537	51.877	40.056	41.604	173,6
11	15:37:24.626	2:12.362	51.319	39.669	41.374	<b>175,6</b>

**(39) MARCEL JORAND**

1	15:11:53.605	2:47.354	55.408	41.141	1:10.805	137,0
2	15:14:55.811	3:02.206	1:32.582	47.544	42.080	77,1
3	15:17:09.196	<b>2:13.385</b>	<b>51.932</b>	<b>39.705</b>	<b>41.748</b>	168,6
4	15:19:33.387	2:24.191	52.121	42.957	49.113	170,2
5	15:22:13.840	2:40.453	1:15.022	42.206	43.225	100,7
6	15:24:39.000	2:25.160	52.114	42.788	50.258	166,2
7	15:27:39.911	3:00.911	1:18.601	52.076	50.234	135,9
8	15:30:33.425	2:53.514	1:19.555	47.728	46.231	88,4
9	15:32:55.183	2:21.758	58.004	41.930	41.824	146,8
10	15:35:10.322	2:15.139	52.568	40.584	41.987	171,9
11	15:37:24.938	2:14.616	52.552	40.090	41.974	<b>172,7</b>

**(6) THIAGO ARNS / SAMUEL DAMIN**

1	15:11:55.974	2:49.288	55.782	40.972	1:12.534	140,6
2	15:14:58.262	3:02.288	1:32.366	47.366	42.556	85,8
3	15:17:11.646	<b>2:13.384</b>	52.659	<b>39.046</b>	41.679	167,0
4	15:19:35.875	2:24.229	52.280	41.647	50.302	168,1
5	15:22:14.975	2:39.100	1:14.019	43.421	41.660	107,5
6	15:24:40.465	2:25.490	52.340	41.679	51.471	170,0
7	15:27:41.968	3:01.503	1:19.084	52.025	50.394	138,6
8	15:30:34.786	2:52.818	1:18.910	48.008	45.900	98,0
9	15:32:56.234	2:21.448	57.709	41.992	41.747	136,3
10	15:35:10.721	2:14.487	<b>51.892</b>	40.404	42.191	<b>173,6</b>
11	15:37:25.280	2:14.559	52.810	40.286	<b>41.463</b>	173,3

**(9) FILIPE BORGES**

1	15:11:56.561	2:49.612	56.524	40.777	1:12.311	137,0
2	15:14:59.127	3:02.566	1:32.244	47.612	42.710	86,9
3	15:17:13.299	<b>2:14.172</b>	52.491	<b>39.925</b>	41.756	168,1
4	15:19:36.765	2:23.466	51.973	41.321	50.172	169,7

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16/12/2023 15:08

Race (25:00 and 1 Laps) started at 15:08:57

Lap	Time of Day	Lap Tm	S1	S2	S3	SPT
5	15:22:16.276	2:39.511	1:13.969	43.695	41.847	113,7
6	15:24:41.310	2:25.034	52.153	41.430	51.451	170,2
7	15:27:42.779	3:01.469	1:18.772	52.246	50.451	137,5
8	15:30:35.400	2:52.621	1:18.711	48.078	45.832	104,2
9	15:32:56.839	2:21.439	57.587	42.063	41.789	131,7
10	15:35:11.295	2:14.456	<b>51.821</b>	40.497	42.138	174,4
11	15:37:26.084	2:14.789	52.789	40.384	<b>41.616</b>	<b>174,7</b>

## (42) ROGERIO CRUZEIRO

1	15:11:56.893	2:49.667	58.166	39.732	1:11.769	143,0
2	15:15:00.518	3:03.625	1:32.209	47.875	43.541	84,2
3	15:17:14.751	2:14.233	53.053	<b>39.423</b>	<b>41.757</b>	166,0
4	15:19:37.165	2:22.414	52.461	39.841	50.112	168,1
5	15:22:17.346	2:40.181	1:13.992	44.226	41.963	116,6
6	15:24:41.621	2:24.275	52.541	40.527	51.207	169,4
7	15:27:43.434	3:01.813	1:19.233	51.978	50.602	137,0
8	15:30:35.836	2:52.402	1:19.001	47.697	45.704	119,2
9	15:32:58.060	2:22.224	57.889	42.565	41.770	133,2
10	15:35:12.772	2:14.712	<b>52.097</b>	40.594	42.021	171,3
11	15:37:26.696	<b>2:13.924</b>	52.475	39.665	41.784	<b>172,7</b>

## (4) AUGUSTO FREITAS

1	15:11:45.343	2:41.500	53.424	41.035	1:07.041	138,4
2	15:14:47.813	3:02.470	1:32.512	46.771	43.187	89,2
3	15:17:01.720	<b>2:13.907</b>	51.889	<b>40.513</b>	41.505	169,7
4	15:19:24.835	2:23.115	<b>51.587</b>	41.746	49.782	<b>175,8</b>
5	15:22:07.276	2:42.441	1:10.952	45.536	45.953	105,6
6	15:24:31.276	2:24.000	52.622	40.849	50.529	170,2
7	15:27:33.461	3:02.185	1:17.252	51.663	53.270	119,5
8	15:30:22.320	2:48.859	1:16.425	46.663	45.771	111,0
9	15:32:49.871	2:27.551	1:01.264	40.804	45.483	121,0
10	15:35:04.368	2:14.497	52.747	40.615	<b>41.135</b>	172,1
11	15:37:20.203	2:15.835	52.213	41.335	42.287	170,2

## (41) LUCAS BORNEMANN

1	15:11:42.029	2:41.194	54.884	40.663	1:05.647	139,7
2	15:14:45.969	3:03.940	1:31.913	47.337	44.690	95,7
3	15:17:00.433	2:14.464	52.813	39.905	41.746	165,0
4	15:19:24.567	2:24.134	52.788	40.962	50.384	<b>169,1</b>
5	15:22:07.046	2:42.479	1:10.768	45.529	46.182	102,9
6	15:24:30.553	2:23.507	<b>51.727</b>	40.220	51.560	165,5
7	15:27:32.407	3:01.854	1:16.912	51.194	53.748	118,3
8	15:30:21.133	2:48.726	1:16.066	45.778	46.882	104,2
9	15:32:49.359	2:28.226	1:01.348	41.032	45.846	120,4

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 Comissário Desportivo  
 16/12/2023 15:47:24

ASSINADO DIGITALMENTE POR:

 José Mario Santos do Amaral  
 Comissário Desportivo  
 16/12/2023 15:51:55

ASSINADO DIGITALMENTE POR:

 Renan Augusto Casetta Rodrigues  
 Diretor de Prova  
 16/12/2023 15:52:16

ASSINADO DIGITALMENTE POR:

 Violela Pernice  
 Comissário Desportivo  
 16/12/2023 15:52:58


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## Interlagos, 14 a 17 de dezembro de 2023

8ª Etapa Copa Shell Hyundai HB20

Interlagos 4,309 km

1ª Prova

16/12/2023 15:08

Race (25:00 and 1 Laps) started at 15:08:57

Lap	Time of Day	Lap Tm	S1	S2	S3	SPT
10	15:35:32.489	2:43.130	53.264	1:06.453	43.413	167,8
11	15:37:45.596	<b>2:13.107</b>	52.230	<b>39.492</b>	<b>41.385</b>	167,3

**(18) THIAGO RIBERI / DANIEL NINO**

1	15:11:31.957	2:33.863	53.196	<b>38.788</b>	1:01.879	125,1
2	15:14:41.353	3:09.396	1:30.905	46.650	51.841	85,8
3	15:16:52.363	<b>2:11.010</b>	<b>51.300</b>	38.800	40.910	158,6
4	15:19:17.942	2:25.579	52.579	40.518	52.482	168,6
5	15:22:03.623	2:45.681	1:10.570	45.270	49.841	107,9
p6	15:25:11.463	3:07.840	51.518	1:17.371		164,4
7	15:30:39.218	5:27.755		49.026	45.135	
8	15:32:59.031	2:19.813	58.165	41.065	<b>40.583</b>	134,9
9	15:35:10.863	2:11.832	51.336	39.381	41.115	<b>178,5</b>
10	15:37:23.951	2:13.088	51.623	40.118	41.347	178,5

**(26) SILVIO GATAO**

1	15:11:52.237	2:46.132	55.288	40.508	1:10.336	141,1
2	15:14:54.483	3:02.246	1:32.838	47.236	42.172	76,8
3	15:17:07.643	<b>2:13.160</b>	52.339	<b>39.157</b>	41.664	171,0
4	15:19:32.002	2:24.359	<b>51.694</b>	43.894	48.771	171,9
5	15:25:54.445	6:22.443	1:15.517	4:23.968	42.958	100,6
6	15:28:09.384	2:14.939	53.476	39.697	41.766	165,2
7	15:30:39.868	2:30.484	56.189	49.485	44.810	167,0
8	15:33:01.081	2:21.213	58.097	41.443	41.673	133,4
9	15:35:14.573	2:13.492	52.372	39.476	<b>41.644</b>	171,3
10	15:37:27.754	2:13.181	51.824	39.514	41.843	<b>172,7</b>

**(10) WAGNER PONTES**

1	15:11:46.902	2:43.294	53.852	42.246	1:07.196	138,6
2	15:14:49.102	3:02.200	1:32.700	47.573	41.927	81,2
3	15:17:02.844	<b>2:13.742</b>	52.906	<b>39.659</b>	<b>41.177</b>	173,0
4	15:19:29.077	2:26.233	<b>52.326</b>	43.833	50.074	<b>174,4</b>
5	15:22:09.852	2:40.775	1:11.975	44.543	44.257	109,6

**(19) ENZO GIANFRATTI**

1	15:11:35.289	2:36.750	54.650	39.198	1:02.902	125,8
2	15:14:43.275	3:07.986	1:31.763	47.306	48.917	89,2
3	15:16:54.985	<b>2:11.710</b>	<b>51.752</b>	<b>38.924</b>	<b>41.034</b>	160,7

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## Interlagos, 14 a 17 de dezembro de 2023

## Lapchart

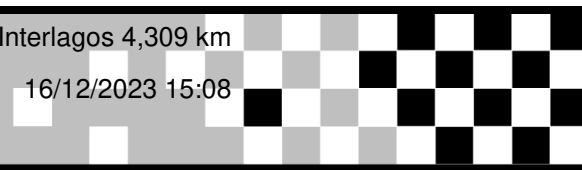
8ª Etapa Copa Shell Hyundai HB20

Interlagos 4,309 km

1ª Prova

16/12/2023 15:08

Race (25:00 and 1 Laps) started at 15:08:57



Competitors	Laps											
	0	1	2	3	4	5	6	7	8	9	10	11
BETO CAVALEIRO / BERNARDO CARDOSO (77)	1	77	77	77	77	77	77	77	77	77	77	77
THIAGO RIBERI / DANIEL NINO (18)	2	18	18	18	18	107	107	107	107	107	21	21
MARCUS INDIO (21)	3	21	21	21	21	21	21	21	21	21	107	808
ERNANI KUHN (107)	4	107	107	107	107	808	808	808	808	808	808	107
ALBERTO CATTUCCI (808)	5	808	808	808	808	18	18	15	15	15	15	15
ENZO GIANFRATTI (19)	6	19	111	111	111	111	111	16	16	16	16	27
BRUNO TESTA (15)	7	15	15	15	15	15	15	27	27	27	27	22
LEO RUFINO (111)	8	111	19	19	19	16	16	22	22	22	22	16
CHRIS BORNEMANN (343)	9	343	16	16	16	22	22	8	8	8	8	343
ALESSANDRO XAVIER (5)	10	5	343	343	22	27	27	343	343	343	343	99
PEDRO BURGER (8)	11	8	22	22	27	8	8	88	88	88	88	5
VICTOR ANDRADE (22)	12	22	27	27	343	343	343	5	5	5	5	99
LEO MARTINS (16)	13	16	88	88	8	88	88	99	99	99	99	715
THALINE CHICOSKI (23)	14	23	8	8	88	5	5	41	41	41	41	48
PEDRO PERDONCINI (27)	15	27	48	48	5	99	99	48	48	48	48	4
VITO ARDITO / AGOSTINHO ARDITO (88)	16	88	5	5	41	41	41	4	4	4	4	88
RAFAEL VELHO (48)	17	48	41	41	48	4	4	147	147	147	147	88
LUCAS BORNEMANN (41)	18	41	23	23	715	715	715	715	715	715	715	23
THIAGO SANSANA (84)	19	84	715	715	99	48	48	141	141	141	141	55
DIEGO VALLINI (715)	20	715	99	99	23	23	23	23	23	23	23	141
JOAO LEMOS (141)	21	141	141	141	4	141	141	55	55	55	55	393
ENZO FALQUETE (99)	22	99	4	4	141	147	147	393	393	393	393	69
WAGNER PONTES (10)	23	10	84	84	147	84	84	69	69	69	69	13
AUGUSTO FREITAS (4)	24	4	147	147	84	10	10	13	13	13	13	20
BRUNO MARTINS (55)	25	55	10	10	10	55	55	717	717	717	717	84
THIAGO LOPES (147)	26	147	393	393	393	393	393	20	20	20	20	717
BRUNO MASSA (20)	27	20	55	55	55	13	13	275	275	275	275	87
ANDRE PEDROTTI (69)	28	69	69	69	69	69	69	84	84	84	84	87
CLAUDIO HARMUCH (393)	29	393	13	13	13	717	717	39	39	39	39	111
ULI DIAS (100)	30	100	717	717	717	275	275	87	87	87	87	6
MARCELO ZEBRA (13)	31	13	275	275	275	26	20	6	6	6	6	9
EDUARDO DORIGUEL (33)	32	33	26	26	26	20	39	9	9	9	9	111
TULIO PATTO (717)	33	717	20	20	20	39	87	42	42	42	42	42
RANGEL ZEN (275)	34	275	39	39	39	87	6	111	111	111	111	41
SILVIO GATAO (26)	35	26	87	87	87	6	9	18	18	18	18	18
MARCEL JORAND (39)	36	39	6	6	6	9	42	26	26	26	26	26
THIAGO ARNS / SAMUEL DAMIN (6)	37	6	9	9	9	42	26					
DARCY MAROTTA / FABIO RIBEIRO (87)	38	87	42	42	42							
FILIPE BORGES (9)	39	9										
ROGERIO CRUZEIRO (42)	40	42										

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