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		Heurística Construtiva			VND		
instancia	ótimo	solução	tempo	gap	solução	tempo	gap
n9k5_A	428	651	0 ms	52	568	0 ms	32
n9k5_B	506	885	0 ms	75	724	0 ms	43
n9k5_C	559	885	0 ms	58	724	0 ms	29
n9k5_D	408	651	0 ms	60	568	0 ms	39
n14k5_A	471	837	0 ms	78	549	0 ms	16
n14k5_B	565	1119	0 ms	98	737	0 ms	30
n14k5_C	569	1119	0 ms	97	737	0 ms	29
n14k5_D	471	837	0 ms	78	549	0 ms	16
n22k3_A	605	1075	0 ms	78	825	0 ms	36
n22k3_B	777	1591	0 ms	105	1341	1.0026 ms	72
n22k3_C	777	1591	0 ms	105	1341	1.0054 ms	72
n22k3_D	605	1075	0 ms	78	825	1.0037 ms	36
n31k5_A	650	1908	1.0152 ms	194	1488	0 ms	128
n31k5_B	933	3293	0 ms	253	2596	0 ms	178
n31k5_C	939	3293	1.0022 ms	251	2596	0 ms	176
n31k5_D	656	1908	0 ms	191	1488	0 ms	126
n43k6_A	801	2564	0 ms	220	2183	3.0087 ms	172
n43k6_B	1203	4976	0 ms	314	4595	3.0085 ms	281
n43k6_C	1208	4976	0 ms	312	4595	2.0006 ms	280
n43k6_D	802	2564	0 ms	220	2183	2.0038 ms	172

n64k9_A	934	4371	0 ms	368	3953	6.0188 ms	323
n64k9_B	1503	9420	1.002 ms	527	9002	5.0163 ms	498
n64k9_C	1510	9420	0 ms	524	9002	5.0157 ms	496
n64k9_D	932	4371	0 ms	369	3953	5.0157 ms	324
n120k7_A	1029	5148	1.0019 ms	400	4913	15.6011 ms	377
n120k7_B	2052	12169	1.0035 ms	493	11934	15.0551 ms	481
n120k7_C	2040	12169	1.5135 ms	497	11934	16.0551 ms	485
n120k7_D	1046	5148	0 ms	392	4913	16.5555 ms	369
n199k17_A	1672	15053	1.003 ms	800	14775	39.1312 ms	783
n199k17_B	3302	41117	1.0034 ms	1.145	40839	33.1096 ms	1136
n199k17_C	3301	41117	1.0034 ms	1.146	40839	35.1033 ms	1137
n199k17_D	1672	15053	1.003 ms	800	14775	35.1033 ms	783