

Chapter 1

NGV mid-span profile coordinates

The coordinates given here correspond to the 3-dimensional location of sgsrgrgr drg grg szrg sg ssgsrgrgr drg grg szrg sg ssgsrgrgr drg grg szrg sg s

1.1 Trent 900

1.1.1 Vane PNS04 (M EP1 standard)

number	x	y
1	-0.0384113	0.05177516
2	-0.0384573	0.05197567
3	-0.0384945	0.05217805
4	-0.0385228	0.05238188
5	-0.0385421	0.05258678
6	-0.0384894	0.05366169
7	-0.0383709	0.05451211
8	-0.0382084	0.05535448
9	-0.0380128	0.0561902
10	-0.0377951	0.05701373
11	-0.0375587	0.05782143
12	-0.0372928	0.05861392
13	-0.0369846	0.05939235
14	-0.0366212	0.06015783
15	-0.0361902	0.06091103
16	-0.0356872	0.06164067
17	-0.035116	0.06232271
18	-0.0344808	0.06293249
19	-0.0337854	0.06344539
20	-0.0330341	0.06383818
21	-0.0322392	0.06410176
22	-0.0314181	0.06423504
23	-0.0305879	0.064237
24	-0.0297658	0.06410666
25	-0.0289674	0.0638462
26	-0.0282007	0.06347288
27	-0.0274718	0.06300822
28	-0.0267865	0.06247375
29	-0.0261505	0.06189097
30	-0.0255661	0.06127622
31	-0.025027	0.06063382
32	-0.0245259	0.05996645
33	-0.0240553	0.0592768
34	-0.0236078	0.05856756
35	-0.0231789	0.05784148
36	-0.022767	0.05710149
37	-0.022371	0.05635047
38	-0.0219896	0.05559132
39	-0.0216217	0.05482676
40	-0.0212668	0.05405759
41	-0.0209252	0.05328333
42	-0.0205972	0.05250346
43	-0.020283	0.05171751
44	-0.0199827	0.05092511
45	-0.0196957	0.05012667
46	-0.019421	0.04932284
47	-0.0191579	0.04851426
48	-0.0189055	0.04770159
49	-0.0186627	0.04688544
50	-0.0184284	0.04606628
51	-0.0182015	0.04524461
52	-0.0179806	0.04442087

53	-0.0177646	0.04359556	104	-0.0086374	0.00071367
54	-0.0175527	0.04276894	105	-0.0085425	-0.0001705
55	-0.0173446	0.04194109	106	-0.008544	-0.0002054
56	-0.0171401	0.041112	107	-0.0085485	-0.0002401
57	-0.0169388	0.04028174	108	-0.0085561	-0.0002742
58	-0.0167406	0.03945032	109	-0.0085666	-0.0003076
59	-0.0165452	0.03861786	110	-0.00858	-0.0003399
60	-0.0163521	0.03778446	111	-0.0085961	-0.000371
61	-0.0161611	0.0369503	112	-0.0086148	-0.0004005
62	-0.0159716	0.03611551	113	-0.0086361	-0.0004282
63	-0.0157834	0.03528021	114	-0.0086597	-0.0004541
64	-0.0155962	0.03444446	115	-0.0086855	-0.0004777
65	-0.0154098	0.03360827	116	-0.0087132	-0.000499
66	-0.0152241	0.03277169	117	-0.0087426	-0.0005179
67	-0.0150387	0.03193471	118	-0.0087736	-0.0005341
68	-0.0148536	0.03109736	119	-0.0088059	-0.0005475
69	-0.0146689	0.03025966	120	-0.0088392	-0.0005581
70	-0.0144845	0.02942161	121	-0.0088734	-0.0005658
71	-0.0143005	0.02858323	122	-0.008908	-0.0005704
72	-0.0141171	0.02774449	123	-0.008943	-0.000572
73	-0.0139343	0.02690541	124	-0.0089779	-0.0005706
74	-0.0137523	0.02606589	125	-0.0090126	-0.0005661
75	-0.0135712	0.02522589	126	-0.0090467	-0.0005586
76	-0.0133911	0.02438534	127	-0.0090801	-0.0005482
77	-0.0132122	0.02354418	128	-0.0091125	-0.0005349
78	-0.0130345	0.02270242	129	-0.0091435	-0.0005188
79	-0.0128579	0.02186016	130	-0.0091731	-0.0005001
80	-0.0126824	0.02101746	131	-0.0092009	-0.0004789
81	-0.0125079	0.02017443	132	-0.0092268	-0.0004554
82	-0.0123344	0.01933113	133	-0.0092505	-0.0004297
83	-0.0121613	0.01848764	134	-0.0092719	-0.000402
84	-0.011988	0.01764394	135	-0.0092908	-0.0003726
85	-0.0118139	0.01680008	136	-0.0095434	0.00018639
86	-0.0116385	0.01595608	137	-0.0097897	0.00072377
87	-0.0114611	0.01511202	138	-0.0100425	0.00126644
88	-0.0112818	0.01426809	139	-0.0102985	0.00181031
89	-0.0111004	0.01342454	140	-0.0105545	0.00235181
90	-0.010917	0.01258164	141	-0.0108093	0.00289071
91	-0.0107315	0.01173962	142	-0.0110627	0.0034282
92	-0.0105446	0.01089838	143	-0.0113142	0.00396546
93	-0.0103575	0.01005727	144	-0.0115634	0.0045036
94	-0.0101718	0.00921553	145	-0.0118102	0.00504298
95	-0.0099891	0.00837243	146	-0.0120547	0.00558351
96	-0.0098108	0.00752727	147	-0.0122969	0.00612505
97	-0.0096382	0.00667992	148	-0.0125368	0.0066675
98	-0.0094722	0.00583082	149	-0.0127745	0.00721073
99	-0.0093137	0.00498042	150	-0.0130099	0.00775462
100	-0.0091636	0.00412916	151	-0.0132432	0.00829906
101	-0.0090223	0.00327748	152	-0.0134744	0.00884392
102	-0.008886	0.00242549	153	-0.0137036	0.00938911
103	-0.0087494	0.00157303	154	-0.0139311	0.00993455

155	-0.0141572	0.01048017	198	-0.0252454	0.03324888
156	-0.0143824	0.0110259	199	-0.0255571	0.03375392
157	-0.0146068	0.01157166	200	-0.025871	0.03425779
158	-0.014831	0.01211738	201	-0.0261871	0.03476056
159	-0.0150551	0.01266298	202	-0.0265051	0.03526225
160	-0.0152794	0.0132084	203	-0.0268253	0.0357628
161	-0.0155044	0.01375357	204	-0.0271478	0.03626188
162	-0.0157301	0.01429843	205	-0.0274731	0.03675915
163	-0.0159564	0.01484295	206	-0.0278015	0.03725429
164	-0.0161834	0.01538707	207	-0.0281333	0.03774697
165	-0.0164111	0.01593073	208	-0.0284689	0.0382369
166	-0.0166396	0.01647394	209	-0.0288084	0.03872385
167	-0.0168688	0.01701659	210	-0.0291522	0.0392075
168	-0.0170988	0.01755868	211	-0.0295003	0.03968767
169	-0.0173297	0.01810013	212	-0.0298523	0.04016448
170	-0.0175619	0.01864068	213	-0.0302078	0.04063809
171	-0.0177965	0.01917996	214	-0.0305659	0.04110869
172	-0.0180343	0.01971759	215	-0.0309266	0.04157647
173	-0.0182762	0.02025321	216	-0.0312889	0.0420416
174	-0.0185225	0.02078674	217	-0.0316526	0.04250427
175	-0.0187728	0.02131841	218	-0.0320169	0.04296468
176	-0.0190267	0.02184848	219	-0.0323815	0.04342299
177	-0.019284	0.02237718	220	-0.032746	0.04387949
178	-0.0195442	0.02290471	221	-0.0331108	0.04433453
179	-0.0198074	0.02343112	222	-0.0334755	0.04478842
180	-0.0200732	0.02395647	223	-0.0338404	0.04524151
181	-0.0203415	0.02448083	224	-0.0342056	0.04569412
182	-0.0206122	0.02500425	225	-0.0345712	0.04614659
183	-0.0208851	0.02552679	226	-0.0349374	0.04659925
184	-0.02116	0.02604851	227	-0.0353042	0.04705245
185	-0.0214368	0.0265695	228	-0.0356713	0.04750649
186	-0.0217153	0.02708976	229	-0.036037	0.04796176
187	-0.0219957	0.02760923	230	-0.0363997	0.04841856
188	-0.0222781	0.02812782	231	-0.0367574	0.04887726
189	-0.0225627	0.02864547	232	-0.0371075	0.04933986
190	-0.0228497	0.02916207	233	-0.0374442	0.04981245
191	-0.0231392	0.02967753	234	-0.0377613	0.05030169
192	-0.0234314	0.03019177	235	-0.0381413	0.05099947
193	-0.0237265	0.03070471	236	-0.0385215	0.05118867
194	-0.0240246	0.03121623	237	-0.0388933	0.05138127
195	-0.0243257	0.03172637	238	-0.0392656	0.0515769
196	-0.0246296	0.03223516	239	-0.0396384	0.05177516
197	-0.0249363	0.03274265			

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