

## APT Flow Test Data Comparison of standard 1275 cylinder head with an alloy version 15<sup>th</sup> December 1999

Lift in inches → Head description below	0.025	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500	0.550
Std. Factory 12G1316, stock intake valve, 1.312" OD cyl. #3	8.026	17.86	36.68	54.32	68.92	77.85	82.57	87.63	91.25	91.72	92.55	92.62
Alloy head using 1.312" factory intake valve, cyl.#3	7.714	16.99	35.28	51.24	64.75	75.37	85.2	90.73	96.86	98.55	99.53	
Alloy head using 1.312" Rimflo type intake valve, cyl.#3	8.312	17.93	36	52.33	65.62	76.19	85.27	91.58	94.68	97.19	97.77	
Modified alloy head intake valve increased to Rimflo 1.401" cyl.#3	8.728	19.14	39.58	60.30	75.44	87.50	98.29	102.3	106.9	108.3	107.3	
Std. Factory 12G1316 stock exhaust valve 1.151" OD cyl.#3	6.27	14.04	29.45	38.28	45.53	50.84	55.29	58.44	61.88	61.11	62.57	
Alloy head using factory valve same as for the test above cyl.#3	7.595	15.94	31.39	43.52	52.76	60.39	66.18	69.25	71.09	70.65	70.24	
Alloy head using 1.156" OD Rimflo type exhaust valve, cyl.#3	7.365	16.65	32.38	45.11	54.49	62.05	67.86	70.86	71.55	71.28	70.85	
Modified alloy head with Rimflo exhaust valve 1.156" OD cyl.#3	8.148	16.26	35.63	49.03	56.74	63.99	69.35	75	76.55	77.23	77.05	
Std. Factory 12G1316 stock exhaust valve 1.151" OD cyl.#4	7.071	14.06	30.19	43.96	51.55	57.27	61.19	64.05	65.72	67.37	68.11	
Alloy head using 1.151" OD Rimflo type exhaust valve, cyl.#4	8.068	14.46	29.26	42.04	53.62	62.14	68.51	74.5	77.95	80.54	82.08	
Modified alloy head with Rimflo exhaust valve 1.156" OD cyl.#4	8.351	16.82	37.21	50.16	60.18	67.40	74.66	79.27	84.48	87.47	89.70	