

## Budget Cylinder Head Flow Data

Dart SHP 200, PN 127322

Peak HP: 419 at 6,200

Peak TQ: 417 at 4,200

Valve Sizes: 2.02/1.60

Intake Port: 200cc

Chamber: 64cc

Valvesprings: 1.437 inch, dual springs

Valve Lift	Intake	Exhaust	Exhaust/Intake Percentage
0.100	65	62	96%
0.200	137	104	76%
0.300	189	140	74%
0.400	224	160	72%
0.500	235	170	72%
0.600	234	174	74%
0.700	232	177	76%

Jeg's 180cc PN 5140000

Peak HP: 408 at 5,900

Peak TQ: 421 at 4,300

Valve Sizes: 2.02/1.60

Intake Port: 180cc

Chamber: 64cc

Valvesprings: 1.250 inch single spring

Valve Lift	Intake	Exhaust	Exhaust/Intake Percentage
0.100	63	51	80%
0.200	117	101	87%
0.300	179	133	74%
0.400	224	152	68%
0.500	236	165	70%
0.600	236	170	72%
0.700	237	173	73%

Patriot 185cc PN 2168

Peak HP: 420 at 5,900

Peak TQ: 417 at 4,300

Valve Sizes: 2.02/1.60

Intake Port: 185cc

Chamber: 64cc

Valvesprings: single w/ dampner

Valve Lift	Intake	Exhaust	Exhaust/Intake Percentage
0.100	66	51	78%
0.200	130	105	80%
0.300	193	155	80%
0.400	236	181	77%
0.500	257	189	73%
0.600	256	191	75%
0.700	256	191	74%

Edelbrock E-Street 185cc PN 5089

Peak HP: 395 at 5,900

Peak TQ: 409 at 4,200

Valve Sizes: 2.02/1.60

Intake Port: 185cc

Chamber: 64cc

Valvesprings: 1.250 inch single spring w/ dampner

Valve Lift	Intake	Exhaust	Exhaust/Intake Percentage
0.100	62	51	82%
0.200	123	102	82%
0.300	179	139	78%
0.400	222	165	74%
0.500	244	178	73%
0.600	244	184	76%
0.700	244	187	77%

Summit Head, 170cc PN 162109

Peak HP: 405 at 5,900

Peak TQ: 416 at 4,400

Valve Sizes: 2.02/1.60

Intake Port: 170cc

Chamber: 62cc

Valvesprings: 1.250 inch single spring

Valve Lift	Intake	Exhaust	Exhaust/Intake Percentage
0.100	63	55	87%
0.200	130	95	73%
0.300	179	126	70%
0.400	212	152	71%
0.500	230	171	74%
0.600	233	184	79%
0.700	232	186	80%

Speedway Motors / Flo-Tek 180cc PN 7222200

Peak HP: 381 at 5,400

Peak TQ: 409 at 4,200

Valve Sizes: 2.02/1.60

Intake Port: 180cc

Chamber: 64cc

Valvesprings: ???

Valve Lift	Intake	Exhaust	Exhaust/Intake Percentage
0.100	60	52	87%
0.200	108	91	84%
0.300	152	138	91%
0.400	197	164	83%
0.500	221	179	81%
0.600	228	187	82%
0.700	225	190	84%

Vortec iron, Scoggin-Dickey modified PN SD8060A2

Peak HP: 378 at 5,300

Peak TQ: 408 at 4,300

Valve Sizes: 1.94/1.50

Intake Port: 170

Chamber: 64

Valvesprings: 1.250 single spring w/ dampner

Valve Lift	Intake	Exhaust	Exhaust/Intake Percentage
0.100	68	51	75%
0.200	143	104	72%
0.300	190	133	70%
0.400	227	142	62%

0.500	239	150	63%
0.600	230	149	65%
0.700	---	---	---

Stock iron, casting 462624

Peak HP: 358 at 5,800

Peak TQ: 379 at 4,300

Valve Sizes: 1.94/1.50

Intake Port: 168cc

Chamber: 76cc

Valvesprings: 1.250 single spring w/ dampner

Valve Lift	Intake	Exhaust	Exhaust/Intake Percentage
0.100	54	46	85%
0.200	102	79	77%
0.300	154	110	71%
0.400	185	122	66%
0.500	197	132	67%
0.600	194	136	70%
0.700	---	---	