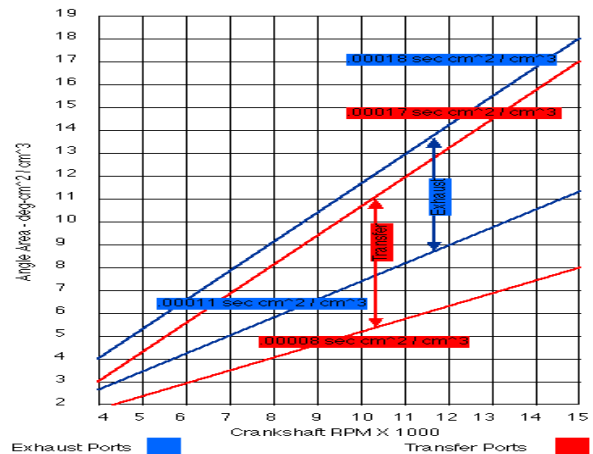


For exhaust ports ..., 0.00014 to 0.00015 sec-cm<sup>2</sup>/cm<sup>3</sup>

.00011 to .00018 anlg range

RPM	EXHAUST port duration	base line 180	cyl diff 196	accual base line	acual Cylinder diff
		(T)	(T)	sec-cm2/cm3	sec-cm2/cm3
550		0.054545	0.059394	0.0016893	0.0014522
600		0.050000	0.054444	0.0015485	0.0013312
650		0.046154	0.050256	0.0014294	0.0012288
700		0.042857	0.046667	0.0013273	0.0011410
750		0.040000	0.043556	0.0012388	0.0010649
800		0.037500	0.040833	0.0011614	0.0009984
850		0.035294	0.038431	0.0010931	0.0009396
900		0.033333	0.036296	0.0010323	0.0008874
950		0.031579	0.034386	0.0009780	0.0008407
1000		0.030000	0.032667	0.0009291	0.0007987
1050		0.028571	0.031111	0.0008849	0.0007607
1100		0.027273	0.029697	0.0008446	0.0007261
1150		0.026087	0.028406	0.0008079	0.0006945
1200		0.025000	0.027222	0.0007743	0.0006656
4400		0.006818	0.007424	0.0002112	0.0001815
4450		0.006742	0.007341	0.0002088	0.0001795
4500		0.006667	0.007259	0.0002065	0.0001775
4550		0.006593	0.007179	0.0002042	0.0001755
4600		0.006522	0.007101	0.0002020	0.0001736
4650		0.006452	0.007025	0.0001998	0.0001718
4700		0.006383	0.006950	0.0001977	0.0001699
4750		0.006316	0.006877	0.0001956	0.0001681
4800		0.006250	0.006806	0.0001936	0.0001664
4850		0.006186	0.006735	0.0001916	0.0001647
4900		0.006122	0.006667	0.0001896	0.0001630
4950		0.006061	0.006599	0.0001877	0.0001614
5000		0.006000	0.006533	0.0001858	0.0001597
5050		0.005941	0.006469	0.0001840	0.0001582
5100		0.005882	0.006405	0.0001822	0.0001566
5150		0.005825	0.006343	0.0001804	0.0001551
5200		0.005769	0.006282	0.0001787	0.0001536
5250		0.005714	0.006222	0.0001770	0.0001521
5300		0.005660	0.006164	0.0001753	0.0001507
5350		0.005607	0.006106	0.0001737	0.0001493
5400		0.005556	0.006049	0.0001721	0.0001479
5450		0.005505	0.005994	0.0001705	0.0001466
5500		0.005455	0.005939	0.0001689	0.0001452
5550		0.005405	0.005886	0.0001674	0.0001439
5600		0.005357	0.005833	0.0001659	0.0001426
5650		0.005310	0.005782	0.0001644	0.0001414
5700		0.005263	0.005731	0.0001630	0.0001401
5750		0.005217	0.005681	0.0001616	0.0001389
5800		0.005172	0.005632	0.0001602	0.0001377
5850		0.005128	0.005584	0.0001588	0.0001365
5900		0.005085	0.005537	0.0001575	0.0001354
5950		0.005042	0.005490	0.0001562	0.0001342
6000		0.005000	0.005444	0.0001549	0.0001331
6050		0.004959	0.005399	0.0001536	0.0001320
6100		0.004918	0.005355	0.0001523	0.0001309
6150		0.004878	0.005312	0.0001511	0.0001299

Totals (mm^2 )	1276	1102
Totals ( cm^3 )	12.76	11
Port Open in Degrees	82	72
Durations	180	196
Mean degrees from BDC	47	52
CM^3 ( cc's)	412	412
CM^2/CM^3	0.03097	0.02675
Angle area	5.574757	5.242524



6200	0.004839	0.005269	0.0001499	0.0001288
6250	0.004800	0.005227	0.0001487	0.0001278
6300	0.004762	0.005185	0.0001475	0.0001268
6350	0.004724	0.005144	0.0001463	0.0001258
6400	0.004688	0.005104	0.0001452	0.0001248
6450	0.004651	0.005065	0.0001440	0.0001238
6500	0.004615	0.005026	0.0001429	0.0001229
6550	0.004580	0.004987	0.0001418	0.0001219
6600	0.004545	0.004949	0.0001408	0.0001210
6650	0.004511	0.004912	0.0001397	0.0001201
6700	0.004478	0.004876	0.0001387	0.0001192
6750	0.004444	0.004840	0.0001376	0.0001183
6800	0.004412	0.004804	0.0001366	0.0001175
6850	0.004380	0.004769	0.0001356	0.0001166
6900	0.004348	0.004734	0.0001347	0.0001158
6950	0.004317	0.004700	0.0001337	0.0001149
7000	0.004286	0.004667	0.0001327	0.0001141
7050	0.004255	0.004634	0.0001318	0.0001133
7100	0.004225	0.004601	0.0001309	0.0001125
7150	0.004196	0.004569	0.0001299	0.0001117
7200	0.004167	0.004537	0.0001290	0.0001109
7250	0.004138	0.004506	0.0001282	0.0001102
7300	0.004110	0.004475	0.0001273	0.0001094
7350	0.004082	0.004444	0.0001264	0.0001087
7400	0.004054	0.004414	0.0001256	0.0001079
7450	0.004027	0.004385	0.0001247	0.0001072
7500	0.004000	0.004356	0.0001239	0.0001065
7550	0.003974	0.004327	0.0001231	0.0001058
7600	0.003947	0.004298	0.0001223	0.0001051
7650	0.003922	0.004270	0.0001215	0.0001044
7700	0.003896	0.004242	0.0001207	0.0001037
7750	0.003871	0.004215	0.0001199	0.0001031
7800	0.003846	0.004188	0.0001191	0.0001024
7850	0.003822	0.004161	0.0001184	0.0001017
7900	0.003797	0.004135	0.0001176	0.0001011
7950	0.003774	0.004109	0.0001169	0.0001005
8000	0.003750	0.004083	0.0001161	0.0000998
8050	0.003727	0.004058	0.0001154	0.0000992
8100	0.003704	0.004033	0.0001147	0.0000986
8150	0.003681	0.004008	0.0001140	0.0000980
8200	0.003659	0.003984	0.0001133	0.0000974
8250	0.003636	0.003960	0.0001126	0.0000968
8300	0.003614	0.003936	0.0001119	0.0000962
8350	0.003593	0.003912	0.0001113	0.0000957
8400	0.003571	0.003889	0.0001106	0.0000951
8450	0.003550	0.003866	0.0001100	0.0000945

