

5.0" BORE CENTER

Naturally Aspirated 10° Intake

STANDARD FEATURES

- INTAKE PORT VOLUME: 495cc – 4.750" Bore
- INTAKE VALVE SIZE: 2.600"
- EXHAUST VALVE SIZE: 1.900"
- VALVE ANGLES: Intake: 10° x 6°, Exhaust: 5° x 3°
- EXHAUST PORT VOLUME: 201cc
- CHAMBER VOLUME: 88cc
- BORE SIZE: Large Bore 4.750"



Nitrous Oxide 13° Intake

STANDARD FEATURES

- INTAKE PORT VOLUME: 502cc – 4.750" Bore
- INTAKE VALVE SIZE: 2.600"
- EXHAUST VALVE SIZE: 1.950"
- VALVE ANGLES: Intake: 13° x 4°, Exhaust: 5° x 4°
- EXHAUST PORT VOLUME: 210cc
- CHAMBER VOLUME: 100cc
- BORE SIZE: Large Bore 4.750"
- ONE PIECE ROCKER BAR - 7075 T6 aluminum
- STRAIGHT ROCKERS - available from 1.7 to 2.1 to 1 ratio



VALVE LIFT/CFM	1.00"	.900"	.800"	.700"	.600"	.500"	.400"	.300"	.200"	Min Area	Max Area	Avg Area
2.600" Intake Valve	542	560	554	524	473	405	321	240	172	4.585"	5.805"	5.37"
1.900" Exhaust Valve 2.625 Pipe	400	390	378	358	323	275	219	172	125	2.424"	3.566"	3.164"

VALVE LIFT/CFM	1.00"	.900"	.800"	.700"	.600"	.500"	.400"	.300"	.200"	Min Area	Max Area	Avg Area
2.600" Intake Valve	591	571	554	523	479	417	328	248	172	4.503"	5.072"	4.800"
1.900" Exhaust Valve 2.625 Pipe	425	411	378	351	322	267	243	188	132	2.482"	3.829"	3.164"

ALL TESTING DONE AT 28" PRESSURE

At AJPE we have the capability to modify and or manipulate the port and chambers to allow the engine builder leeway to try new ideas without the time consuming process of recreating the entire cylinder head.

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