



COMPRESSION RATIO CALCULATOR

Static and Dynamic Compression Ratio (Considers Cam Timing and Rod Ratio)

PORT THE HEADS
FROM 64cc TO
67cc

ENTER YOUR DATA		CALCULATED DATA	
Cylinder Head Volume (cc)	67 (64cc now)	Cylinder Head Vol (cubic in.)	4.087
Piston Head Volume (cc)	+5	Piston Head Vol (cubic in.)	0.305
Gasket Thickness (in.)	.041	Swept Volume (cubic in.)	47.833
Gasket Bore (in.)	4.190	T.D.C. Volume (cubic in.)	5.187
Cylinder Bore Diameter (in.)	4.030	Gasket Volume (cubic in.)	0.565
Deck Clearance (in.) <small>Note: Neg. number above deck, Pos. number below deck</small>	.018	Deck Volume (cubic in.)	0.230
Stroke (in.)	3.75	STATIC COMPRESSION RATIO	10.222
OPTIONAL DATA			
Rod Length (in.)	5.7	Adjusted Stroke (in.)	2.627
Intake Closing Point (degrees) ABDC @ 0.050 lift plus 15 degrees	76	DYNAMIC EFFECTIVE COMPRESSION RATIO	7.460
<input type="button" value="Calculate"/>			

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