

Jeep Stokers

Jeep - AMC 4.0L and 4.2L Stroker Enthusiasts

Static/Dynamic Compression Ratio Calculator

<http://www.jeepstokers.com/calculator>

Your Data:		
Cylinders:	6	Cylinders
Bore:	3.905	inches
Stroke:	3.895	inches
Combustion Chamber:	58	cc
Deck Clearance:	.0015	inches
Gasket Thickness:	0.043	inches
Gasket Bore:	4	inches
Dome/Dish/Valve Relief:	21	cc
Piston Ring Height:		inches
Piston to Bore Clearance:		inches
Altitude:	400	feet
Connecting Rod Length:	6.123	inches
Cam Intake Duration:	250	degrees
Cam Lobe Separation Angle:	111	degrees
Advance or Retard:	4	degrees

Your Cam Selection:	
Manufacturer:	Comp
Model Number:	68-231-4

Your Calculated Results:		
Cubic Inches:	279.89	
Liters:	4.59	
Static Compression Ratio:	9.59	:1
Dynamic Compression Ratio:	8.36	:1
Quench:	0.0445000C	
Intake Valve Closing Angle:	52	