



## LS3 280cc Aluminum Tech Sheet

<b>Part Number:</b>	11030000 – 11030153
<b>Material:</b>	RMR Cast Aluminum Alloy
<b>Comb Chambers:</b>	68cc
<b>Intake Valve Dia:</b>	2.165”
<b>Intake Port volume:</b>	280cc
<b>Intake Port Dim:</b>	2.600” x 1.260”
<b>Intake Port Location:</b>	Stock LS3 location and bolt pattern
<b>Intake Gasket:</b>	OE or Fel Pro - LS3
<b>Exh Valve Dia.:</b>	1.600”
<b>Exh Port volume:</b>	102cc
<b>Exhaust Port Dim:</b>	1.750” h x 1.550” w
<b>Exh Port Location:</b>	Stock LS3 location and bolt pattern
<b>Exhaust Gasket:</b>	OE or Fel Pro 1438
<b>Flow, Intake:</b>	370 cfm @ .800” lift / 28”
<b>Flow, Exhaust:</b>	252 cfm @ .800” lift / 28”
<b>Manifold</b>	Accepts OE or aftermarket LS3 manifolds
<b>Milling:</b>	Min. 58cc (0065”=1cc) Flat mill only.
<b>Push Rod length:</b>	Always measure
<b>Push Rod Guide Plate:</b>	N/A
<b>Retainers:</b>	Titanium
<b>Spark Plug:</b>	Autolite AR3935
<b>Spring Locators:</b>	1.300” O.D.
<b>Spring Pockets:</b>	1.350” diameter / no larger on size or deeper.
<b>Springs:</b>	1.290” Beehive 120# @ 1.800” .625” max lift, 1.295” Dual 140# @ 1.800” .650” max lift
<b>Valve Length:</b>	4.890” Intake / 4.915” Exhaust
<b>Valve Stem Dia:</b>	8mm
<b>Valve Train:</b>	OE or aftermarket LS3 valvetrain
<b>Valve Guides:</b>	.439” O.D.
<b>Valve Guide length:</b>	2.100”
<b>Valve Guide clearance:</b>	.0015” - .002”
<b>Valve Guide Spacing:</b>	2.013”
<b>Valve Seats:</b>	Copper Infiltrated
<b>Valve Seat dim:</b>	Int: 2.250” x 1.950” x .375” Exh: 1.650” x 1.280” x .375”
<b>Valve Seat angles:</b>	Intake: 32°-45°-60°-70°-80° Exhaust: 37°-45°-radius
<b>Stud Girdle:</b>	N/A
<b>Torque:</b>	8mm= 28 ft/lb w/ CMD #3 3/8” = 55 ft/lb w/ CMD #3 7/16”= 70 ft/lb w/ CMD #3 1/2”= 105 ft/lb w/ CMD #3
<b>Weight:</b>	23lbs. Bare 26lbs. Assembled
<b>Block Use:</b>	LS style / 6 bolt per cyl