



LS3 280cc Aluminum Tech Sheet

Part Number:	11030000 – 11030153
Material:	RMR cast aluminum
Comb Chambers:	68cc
Intake Valve Dia:	2.165"
Intake Port volume:	280cc
Intake Port Dim:	2.600" x 1.260"
Intake Port Location:	Stock LS3 location and bolt pattern
Intake Gasket:	OE or Fel Pro - LS3
Exh Valve Dia.:	1.600"
Exh Port volume:	102cc
Exhaust Port Dim:	1.750" h x 1.550" w
Exh Port Location:	Stock LS3 location and bolt pattern
Exhaust Gasket:	OE or Fel Pro 1438
Flow, Intake:	370 cfm @ .800" lift / 28"
Flow, Exhaust:	252 cfm @ .800" lift / 28"
Manifold	Accepts OE or aftermarket LS3 manifolds
Milling:	Min. 58cc (0065"=1cc) Flat mill only.
Push Rod length:	Always measure
Push rod Guide Plate:	N/A
Retainers:	Titanium
Spark Plug:	Autolite AR3935
Spring Locators:	1.300" O.D.
Spring Pockets:	1.350" diameter / no larger on size or deeper.
Springs:	1.290" Beehive 120# @ 1.800" .625" max lift, 1.295" Dual 140# @ 1.800" .650" max lift
Valve Length:	4.880"
Valve Stem Dia:	8mm
Valve Train:	OE or aftermarket LS3 valvetrain
Valve Guides:	.439" O.D.
Valve Guide length:	2.100"
Valve Guide clearance:	.0015" - .002"
Valve Guide Spacing:	2.013"
Valve Seats:	Copper Infiltrated
Valve Seat dim:	Int: 2.250" x 1.950" x .375" Exh: 1.650" x 1.280" x .375"
Valve Seat angles:	Intake: 32°-45°-60°-70°-80° Exhaust: 37°-45°-radius
Stud Girdle:	N/A
Torque:	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
Weight:	23lbs. Bare 26lbs. Assembled
Block Use:	LS style / 6 bolt per cyl