



Dart SBC SHP Pro Iron Block

Part#	31161112 4.000" bore 31161212 4.125" bore
Material:	Cast Iron
Bore:	4.000" or 4.125" unfinished
Bore & stroke:	4.165"x 3.875"
Cam bearing bore ID:	BBC – 2.120"
Cam bearings:	Special coated, grooved, w/3 oil holes PN# 32210010 (Set)
Cam Bearing O.S.	+ .010", +.020", +.030"
Cam bearing press:	.002"
Cam journal OD:	Standard BBC – 1.949" Dia.
Cam Plug:	Standard BBC – 2.215" cup plug PN# 32520000 (Ea.)
Cylinder Wall Thickness:	.200"- .230" @ 4.125"
Deck Height:	9.025"
Deck Thickness:	.625"
Fuel Pump:	Mechanical pump provision
Fuel Pump Pushrod:	Standard Length
Freeze Plugs:	Press in cup plugs 1 5/8" Dia.
Lifter Bores:	.904" Dia.
Main bearing size:	2.450" (350) 2.650" (400)
Main bearing bore:	(350) 2.6405 – 2.6415 (400) 2.8405 – 2.8401"
Main Cap Studs:	#1 7/16" Inner & 3/8" Outer #2, #3, #4 7/16" Inner & Outer Splayed #5 7/16" Inner & 3/8" Outer
Main cap press:	.005"
Main caps:	Billet Steel
Main cap register:	Deep stepped register on each side (no need for dowels)
Oil system:	Wet Sump - Main Priority Oiling (can use dry sump)
Oil Pump shaft:	350 main = Stock shaft (.481" OD)
Oil Restrictors	No lifter oil galley restriction
Oil Filter:	Standard SBC filter uses 2 bolt filter adapter
Oil Pan:	Standard SBC oil pan with right side dipstick.
Rear Main Seal	350 main - STD 2 piece seal 400 main standard 2 piece seal
Serial No.	Left front & Main caps
Starter:	Standard SBC
Stud holes, Head:	Blind holes
Timing chain/gears	Standard SBC components
Timing Cover:	Can use stock cover.
Torque Specs:	1 - 5 7/16" Studs 65 ft lbs 1 & 5 3/8" Studs 35 ft lbs
Weight:	175 lbs.

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