

AUTOLITE INLINE CARBURETOR

SPECIFICATION SHEET

BASIC SPECIFICATIONS

Bore Dia
Venturi Dia
Air Flow Capacity - Dry @ 1.5 in. Hg.
Air Box Idle Vacuum
Air Box WOT Vacuum
Idle Air Flow Setting (Prod. Test)
Idle F/A Setting (Prod. Test)
Initial Screw Position (Ref.)

DOZX 9510-A

1 11/16 In.
1.6 In.
875 CFM
19 in. Hg.
1.5 in. Hg.
40 CFM
.090 F/A
1 1/2 Turns Out

DOZX 9510-B

2 1/4 In.
1.8 In.
1425 CFM
19 in. Hg.
1.5 in. Hg.
40 CFM
.090 F/A
1 1/2 Turns Out

FUEL INLET SYSTEM:

Fuel Pressure
Inlet Needle
Inlet Seat Dia
Fuel Level Setting - Dry
 - Wet @ 6.0 psi

6.0 psi
Viton
.097 In.
1/4 in.
1/8 in.

6.0 psi
Viton
.097 In.
1/4 in.
1/8 in.

IDLE SYSTEM:

Idle Jet - In Tube
Idle Air Bleed - Jet
Idle Channel Rest - Upper Body (if used)
Idle Discharge Hole - In T'Body
Idle Discharge Port - Slot (width x length @ bore)

.031 In.
40F
.046 In.
.086 In.
.032 in. x
.320 in.

.031 In.
63F
none In.
.086 In.
.032 in. x
.250 in.

MAIN SYSTEM:

Main Metering Jet Dia
Well Emulsion Tube
High Speed Bleed Dia - In Main Well Retainer
Bowl Vent Hole Dia

.106 In.
C9AF-A
.031 In.
3/16 In.

.093 In.
C9AF-A
.055 In.
3/16 In.

PUMP SYSTEM:

Accel. Pump Shooter Dia
Accel. Pump Spring Position
Accel. Pump Capacity

Accel Pump Bleed

.035 In.
Mid Hole
70-90 cc/10
 strokes
.013 In.

.028 In.
Mid Hole
70-90 cc/10
 strokes
.013 In.

