

HI-PERFORMANCE MARINE ENGINE

SPECIFICATIONS

MODEL 302-FLV

Horsepower	310 @ 5800 RPM
Bore	4 inches
Stroke	3 inches
Piston Displacement	310 cubic inches

MODEL 350-FLV

Horsepower	350 @ 5800 RPM before Ser. No. 611027 320 @ 5600 RPM after Ser. No. 611026 —
Bore	4 inches
Stroke	3½ inches
Piston Displacement	350 cubic inches

COMMON TO MODELS 302-FLV & 350-FLV

Type	4 Cycle, Valve-in-Head, V-8
Nominal Compression Ratio	11.0:1 before Ser. No. 611027
Nominal Compression Ratio	9.0:1 after Ser. No. 611026 —
Minimum Recommended Idle Speed	700-800 RPM
Engine Compression Gauge Readings	170 lbs. PSI (Not to vary more than 15 lbs. between any two cylinders.)
Oil Pressure	60 lbs. @ 3500
Oil Pan Capacity	4 qts. & 1 qt. for filter (5 qts)
Carburetion	Single four-barrel downdraft carburetor
Electrical System (Y.S.B. Approved)	12 Volt Hi-Output alternator Regulator controlled-Negative Ground
Spark Plugs	AC-CR43K before Ser. No. 611027
Spark Plugs	AC-MR43T or Champion RBL-9Y — after Ser. No. 611026
Gap032-.035 inch before Ser. No. 611027
Gap030 inch after Ser. No. 611026
Ignition Timing	10° BTDC @ 700 RPM before Ser. No. 611027
Ignition Timing	8° BTDC @ 650 RPM - Transistor Ignition 12° BTDC @ 650 RPM - Standard Ignition — after Ser. No. 611026
Valve Lash-Engine Hot.	302-FLV — .028 (Intake & Exhaust) 350-FLV — .024 (Intake) .030 (Exhaust)