



Latest tests
show the following power curves on the
CHEVOLAIR MOTORS

D-4, 4 CYLINDER

100 H. P. at 1850 R. P. M.
110 H. P. at 2000 R. P. M.
120 H. P. at 2200 R. P. M.
125 H. P. at 2350 R. P. M.

D-6, 6 CYLINDER

150 H. P. at 1650 R. P. M.
160 H. P. at 1850 R. P. M.
170 H. P. at 2000 R. P. M.
180 H. P. at 2200 R. P. M.
190 H. P. at 2400 R. P. M.

Fuel consumption tests at above power ratings are as follows:

D-4, 4 cyl.	.50 lb. per h. p. hr.
D-6, 6 cyl.	.48 lb. per h. p. hr.
Oil Consumption, Appr.,	.03 lb. per h. p. hr.

The 6 cylinder motor is now ready for the Department of Commerce test.

The 4 cylinder motor will be submitted for new rating shortly.

SPECIFICATIONS

Model D-4, 4 Cylinders

Approved Type Certificate No. 35

TYPE: In-line, inverted, air cooled.

BORE AND STROKE: $4\frac{5}{8}$ " x $5\frac{1}{4}$ ", 352 cubic inch displacement.

POWER: 90 H. P. at 2000 R. P. M., 110 H. P. at 2250 R. P. M.

WEIGHT: 345 pounds dry, approx.

CYLINDERS: Steel barrel, Aluminum alloy head screwed and shrunk on.

CRANKSHAFT: 5 main bearings, 3" diameter, bored out, Chrome Nickel Molybdenum Steel.

CONNECTING RODS: Star Beam Section Chrome Nickel Steel Forgings; big end $2\frac{1}{2}$ " bearing, small end $1\frac{1}{8}$ " pin.

CAMSHAFTS: 2 overhead, operating directly over valves.

VALVES (exhaust): 2 per cylinder, tulip shape, one on each side.

VALVES (intake): 2 per cylinder, flat shape, one on each side.

LUBRICATION: Force feed by gear pump; all passages drilled or cored in with emergency valve to convert system from dry sump to wet sump.

IGNITION: 2 Flange mounted Robert Bosch magnetos.

CARBURETION: 2 Stromberg or optional carburetors.

STARTER: Optional.

FUEL PUMP: Optional.

MOUNTING DIMENSIONS: See Chart.

GAS CONSUMPTION: .56 p. hp. hr.

OIL CONSUMPTION: .03 p. hp. hr.

SPECIFICATIONS

Model D-6, 6 Cylinders

TYPE: In-line, inverted, air cooled.

BORE AND STROKE: $4\frac{5}{8}'' \times 5\frac{1}{4}''$, 529 cubic inch displacement.

POWER: 140 H. P. at 2000 R. P. M., 170 H. P. at 2400 R. P. M.

WEIGHT: 425 pounds dry.

CYLINDERS: Steel barrel, Aluminum alloy head screwed and shrunk on.

CRANKSHAFT: 7 main bearings, 3'' diameter, bored out, Chrome Nickel Molybdenum Steel.

CONNECTING RODS: Star Beam Section Chrome Nickel Steel Forgings; big end $2\frac{1}{2}''$ bearing, small end $1\frac{1}{8}''$ pin.

CAMSHAFTS: 2 overhead, operating directly over valves.

VALVES (exhaust): 2 per cylinder, tulip shape, one on each side.

VALVES (intake): 2 per cylinder, flat shape, one on each side.

LUBRICATION: Force feed by gear pump; all passages drilled or cored in with emergency valve to convert system from dry sump to wet sump.

IGNITION: 2 Flange mounted Robert Bosch magnetos.

CARBURETION: 2 Stromberg or optional carburetors.

STARTER: Optional.

FUEL PUMP: Optional.

MOUNTING DIMENSIONS: See Chart.

GAS CONSUMPTION: .57 p. hp. hr.

OIL CONSUMPTION: .03 p. hp. hr.