

ARCHIMEDES

Model: **B-3 Racer**

Class: **C**

Manufacturer: **AB Archimedes**, Sundbyberg, Sweden

Designers: Oskar Walfrid Hult, Johan Jäderlund and Iwan Cedermark.

Year produced: 1934-1936

Power (hp): **32**

Rated rpm (r/m): 5700

Number of cylinders: B-2

Bore (mm): 70

Stroke (mm): 64

Displacement (cm³): 492

Bearings: Crankshaft: Ball and roller.

Crankpin: Roller.

Piston pin: Needle.

Ignition: Fly-wheel magneto

Firing order: 1 and 2 simultaneously.

Spark plugs: AC 83S-Com., Autolite BT4, Champion 16, Bosch M175T1, Lodge H1.

Scavenging system: 2-stroke, rotary valve, cross charged.

Carburator: Vacturi.

Oil-fuel ratio: 1:10 to 1:15.

Gear ratio:

Propeller:

Top speed (km/h): Ca 75.

Weight (kg):

Transom height (mm): 380

Number produced: Only 9 pure racing versions from the factory. Probably were some Sport models converted for racing.

Successes: Wins at the long distance race "Mälaren Runt", 170 miles. Class C Racing Hydro 1935, 35,7 mph, 1936 and 1937, 38,8 mph. Class C Stock Runabout 1934, 26,2 mph, 1935, 24,6 mph, 1936, 28,2 and 1937, 26,9 mph.

Seve Axell's Challenge Cup 1934. Defiance Challenge Cup 1935 and 1937.

