

# ARCHIMEDES

Model: **BSR**

Class: **B**

Manufacturer: AB Archimedes, Sundbyberg, Sweden.

Designers: Carl Arik Hult and Oskar Walfrid Hult, inventors of the opposed twin 1911, "The Balance motor". Johan Jäderlund and Iwan Cedermark. Year produced: 1927-1934.

Power (hp): 7 Rated rpm (r/m): 3500.

Number of cylinders: B-2. Bore (mm): 60 Stroke (mm): 50

Displacement (cm<sup>3</sup>): 282

Bearings: Crankshaft: Bronze bushings. Crankpin: Babbitz. Piston pin: Bronze bushings.

Ignition: Flywheel magneto. Firing order: 1 and 2 simultaneously.

Spark plugs: AC 85, Autolite B7, Champion 17, Bosch M-145T1, Lodge H3, KLG M-50.

Scavenging system: Twostroke, threeport.

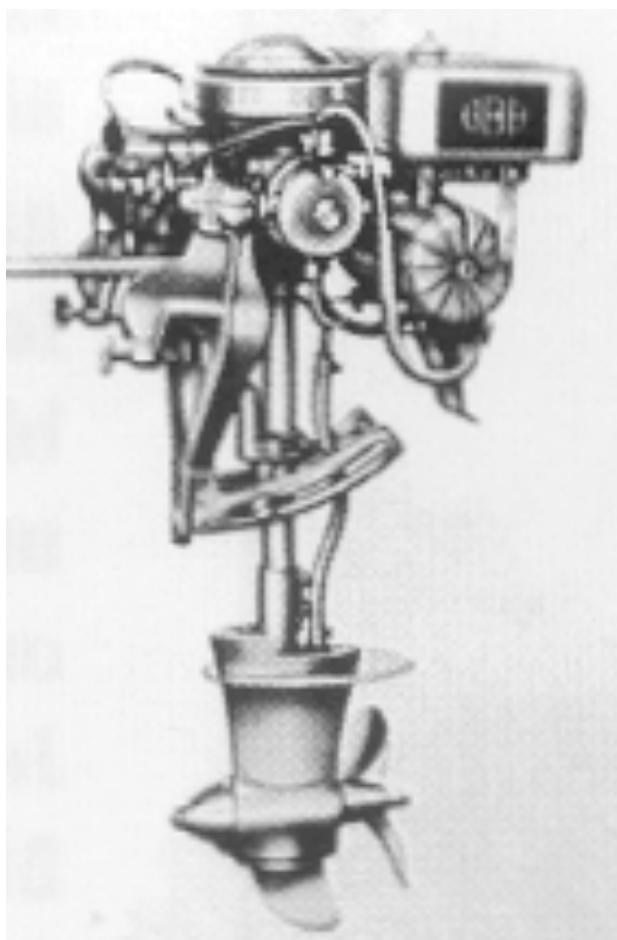
Carburetor: Archimedes. Oil-fuel ratio: 1:10 to 1:15. Direct oil supply to main bearings.

Gear ratio: Propeller: Top speed (km/h): Ca 40.

Weight (kg): 34. Transom height (mm): 400-450.

Number produced: 298 motors produced from November 12 1927 to Mars 22 1934. Only 89 motors sold in Sweden, the rest were exported.

Successes: Many first places in races 1928, both national and international.



Owner: Lennart Bergstedt.