

# ARCHIMEDES

Model: **25 SX**

Class: **OSB**

Manufacturer: AB Volvo-Penta, Uppsala, Sweden

Designer: Motor by Hans Müller 1964. Tower modified by Bertil Karlsson to fit König lower unit.

Year produced: 1976

Power (hp): **25**

Rated rpm (r/m): 5500

Number of cylinders: B-2

Bore (mm): 60

Stroke (mm): 58,8

Displacement (cm<sup>3</sup>): 333

Bearings: Crankshaft: Ball and roller. Crankpin: Needle. Piston pin: Needle.

Ignition: STEFA H2600-02 breakerless CD

Firing order: 1-2.

Spark plugs: Bosch W240T1

Scavenging system: Twostroke, threeport.

Carburator: Bing/8/25/49/50 (2x).

Oil-fuel ratio: 2%.

Gear ratio: König lower unit 12:15.

Propeller: Twoblade racing.

Top speed (km/h): Ca 80      Weight (kg): 33.

Transom height (mm): 350

Number produced: Only 3 motors.

Successes: Second place in Swedish Junior Championships 1976 and 1977.

Comments: To get new drivers to the sport a more "kind" class than the pure racing classes was of great need. I noticed 1972 that in US, Mercury had a suitable stock motor type 25SS. So to the season 1974 "The Swedish Raceboat Drivers Association" had got this new class, OSB (Outboard Stock 370cc), started. The idea was that spectators should see well known brands of motors racing. But very soon Yamato 70 and 80 motors, both cheaper and faster, came into the class.

