

SKODA 110R coupé





Technical data:

Engine:

four-stroke, in line four-cylinder OHV rear engine, rear wheel drive.

Cubic capacity: 1107 ccm. (67.54 cu. in.)

Bore/Stroke: 72/68 mm. (2.83/2.68)

Output: 62 BHP gross (SAE) at 5500 rpm;
52 BHP net (DIN) at 4650 rpm.

Max. Torque gross (SAE): 8,8 kgm (63,77 lb. ft.) at 3500 rpm.

Compression Ratio: 9,5 : 1

Cooling system:

Water cooled with automatic, thermostat-regulated temperature control.

Clutch:

Single dry-plate hydraulic clutch.

Gears:

helical spur gears.

four forward, one reserve gear all forward gears fitted with synchromesh. Direkt gear-change with short floor mounted lever.

Rear axle:

Swinging rear axle.

Rearwheel drive, gear change and clutch form a single unit.

Final drive ratio: 4.444.

Suspension:

Rear coil and springs with telescopic shock-absorbers; front, trapezoidal track-rods, with independent coil-springs and telescopic shock-absorbers.

A rubber-mounted stabiliser is attached to the lower track-rods and the bodywork. The king-pins and tierod-ends are situated in self-lubricating bushes.

Steering:

Direct symmetrical worm and peg. The steering arm and the relay lever are connected with the steering lever by means of rods with ball-and-socket joints incorporated in self-lubricating collar bearings.

14,1 in. dia. sports type steering wheel. Collapsible main steering column.

Brakes: Hydraulic dual-circuit brakes and self-locking hand-brake. Dunlop system disc brakes at front, drum-brakes at rear.

The self-locking handbrake operates only on the rear wheels.

Diameter of disc-brakes: 252,5 mm 9.94 in.

Effective surface of disc-brakes: 76 cm² 11.78 sq. in.

Effective surface of drum brakes: 385 cm² 59.67 sq. in.

Wheels and tyres:

Disc wheels 4 1/2 J x 14

Tyres: Radial Barum 155 SR 14

Electrical Equipment:

Voltage: 12 V

Accumulator: 12 V, 35 Ah

Rotary current generator: 490 W

Starter: output 0.8 HP

Headlights: 6.3 in. horizontally and vertically adjustable, asymmetric beam.

Four-speed windscreen wipers.

Electrically operated screen washing unit.

Bodywork:

All steel, unitary construction, with bolt on wings.

Number of Seats 2 plus 2.

Main measurements:

max. length 4155 mm 13 ft. 7.6 in.

max. width 1620 mm 5 ft. 3.8 in.

max. height 1340 mm 4 ft. 5.2 in.

Ground clearance 175 mm 6.9 in.

wheel-base 2400 mm 7 ft. 10.3 in.

Front track 1280 mm 4 ft. 2.4 in.

Rear track 1250 mm 4 ft. 1 in.

Turning circle 10.2 metres 33 ft. 5.6 in.

Luggage capacity 370 litres 13.07 cv. ft.

Weight:

empty 835 kg 1841 lb.

loaded 880 kg 1940 lb.

max. useful load 320 kg 705 lb.

max. total permissible weight 1200 kg 2645 lb.

Performance:

Max. speed 145 kph 90 mph

Acceleration from 0 to 100 kph in 18,5 secs.

Average fuel consumption 8,5 litres per 33.2 m. p. Imp. g.

range 100 kms at 90 kph at 56 m. p. h.

c. 370 km 230 miles

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