

**Lotus**

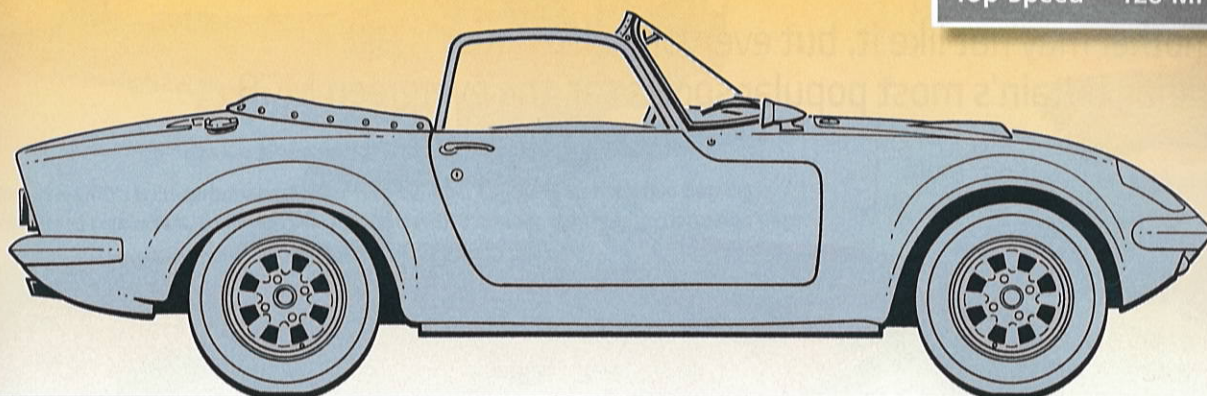
1972 Elan Broadspeed

PERFORMANCE

0-60 MPH 7.3 sec.

1/4 Mile 15.7 sec.

Top Speed 128 MPH



SPECIFICATIONS

ENGINE

Type.....	Formula Atlantic Cosworth BDA inline-four, iron block and aluminum cylinder head
Displacement.....	1,601cc (97.6-cu.in.)
Bore x stroke	80.98 x 77.72mm
Compression ratio.....	10.5:1
Horsepower @ RPM.....	170 @ 6,200
Torque @ RPM	125.8-lbs.ft. @ 5,500
Main bearings.....	5
Fuel system.....	Twin side-draft dual-throat Weber 45DCOE carburetors
Ignition system	Lucas points-type distributor
Lubrication system	Internal pressure, gear-driven pump
Electrical system.....	12 volts
Exhaust system	Tubular header, single exhaust

TRANSMISSION

Type.....	Bullit four-speed gearbox with Group 2 gearset
Ratios: 1st.....	2.972:1
2nd	2.010:1
3rd	1.397:1
4th	1.00:1
Reverse.....	3.324:1

DIFFERENTIAL

Type.....	Factory axle
Ratio.....	3.77:1 with Salisbury limited-slip

STEERING

Type.....	Triumph TR6-sourced manual rack-and-pinion
Turns, lock-to-lock	2.5

BRAKES

Type.....	Four-wheel disc
Front.....	9.5 inches
Rear.....	10 inches

CHASSIS & BODY

Construction.....	Sheet-steel backbone, fiberglass body
Body style	Two-door roadster
Layout	Front-engine, rear-wheel drive

SUSPENSION

Front.....	Coil springs, double wishbones, telescopic dampers, anti-roll bar
Rear.....	Inclined coil spring/damper Chapman struts, transverse A-arms
Wheels	Minilite alloys
Front/rear.....	13x7 inches
Tires.....	Fulda Y-2000 radials
Front/rear.....	205/60VR13 inches

WEIGHTS & MEASURES

Wheelbase.....	84 inches
Overall length	145 inches
Overall width	56 inches
Overall height	45.2 inches
Front track.....	47.1 inches
Rear track.....	48.4 inches
Shipping weight	1,580 pounds

CAPACITIES

Crankcase.....	8 quarts
Cooling system	7 quarts
Fuel tank	12 gallons
Gearbox.....	3 pints
Rear end.....	2.5 pints

CALCULATED DATA

Hp per cc.....	0.10625
Weight per hp	9.29 pounds
Weight per CID.....	16.19 pounds

PERFORMANCE

0-60 MPH	7.3 seconds
1/4-mile ET	15.7 seconds
Top speed	128 MPH

PRICE

Base price	£4,100 (1972) (approximately \$10,300)
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