

GENERAL SPECIFICATION

Dimensions and weights

	Car	Van
Wheelbase	76 in.	76 in.
Rear Track	46 in.	46 in.
Turning circle	24 ft.	24 ft.
Ground clearance	6 in.	6 in.
Overall height	57 in.	57 in.
Overall width	60 in.	60 in.
Overall length	135 in.	135 in.
Internal body length		
behind driver	—	48 in.
Internal body width	—	53 in.
Unladen weight (dry)	7 cwt. 100 lbs.	7 cwt. 98 lbs.

Liquids' Capacities (car and van)

Petrol tank	6 galls.	Gearbox	1 pint
Radiator	7 pints (inc. heater)	Rear Axle	2 pints
Sump	5 pints		

Engine

4-cyl. O.H.V. with detachable die-cast aluminium head on aluminium block with cast iron wet liners. High-tensile steel crankshaft on three steel-back main bearings. High tensile steel connecting rods with steel-backed shell bearings.

Bore 2.2 in. (55.88 mm).

Stroke 2.4 in. (60.96 mm).

Capacity 598 c.c.

Compression ratio 7.8:1.

Firing order 1 3 4 2.

Tappet clearance 0.010 in. in inlet and exhaust when hot. 0.006 in. when cold.

Valve Timing Inlet valves open 10 deg. before t.d.c. and close 50 deg. after b.d.c.; exhaust valves open 50 deg. before b.d.c. and close 10 deg. after t.d.c.

Ignition Timing 10 deg. before t.d.c., with contact-breaker points just opening on full retard.

Carburettor Solex downdraught type B28ZIC-2 with 19 mm venturi. Jet sizes: main, 100; correction, 160; auxiliary, 45; auxiliary air bleed, 1.20. Emulsion tube, no. 66. Float, 11. Needle valve, 1.5.

Petrol Pump Mechanical type.

Transmission

Four forward speeds and reverse, synchromesh on upper three ratios. Needle-bearing propeller shaft to spiral-bevel rear axle of semi-floating type with differential gear and large ball and roller bearings.

Gear ratios

	Car	Van
First	18.69:1	21.97:1
Second	10.76:1	12.65:1
Third	6.36:1	7.48:1
Top	4.375:1	5.14:1
Reverse	24.03:1	28.24:1

Suspension

Front—Independent by patented leading-arm controlled by heavy duty combined coil spring and hydraulic shock absorber unit. Rear—Long-elliptic springs mounted on bonded rubber bushes controlled by double-acting Girling shock absorbers.

Steering

Burman L, worm and peg.

Clutch

6½ in. diameter, single dry plate, Borg and Beck.

Brakes

Footbrake—Girling hydraulically-operated internal expanding drum brakes on all wheels. Drum diameter, 7 in.; width 1¼ in. Handbrake—Pull-up, ratchet type, mechanically-operated to rear wheels only.

Wheels

13 × 3.50 D pressed steel disc. Tyre size, 5.20 × 13 tubeless.

Tyre Pressures

Car	Two up:	Front, 18 p.s.i.	Rear, 20 p.s.i.
	Full load:	Front, 18 p.s.i.	Rear, 24 p.s.i.
Van	Two up:	Front, 20 p.s.i.	Rear, 24 p.s.i.
	Full load:	Front, 20 p.s.i.	Rear, 30 p.s.i.

Chassis

Box section pressed steel with tubular cross members.

Body

One-piece moulded glass fibre, two-door.

Electrical Equipment

Lucas 12-volt system.