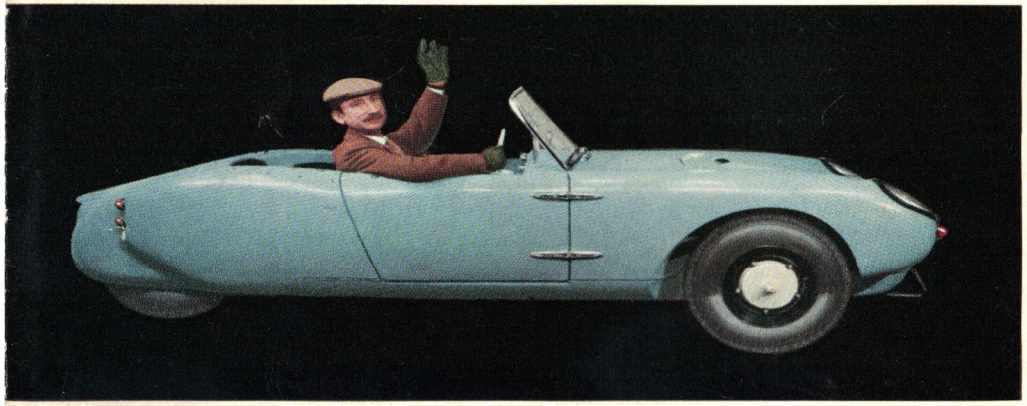
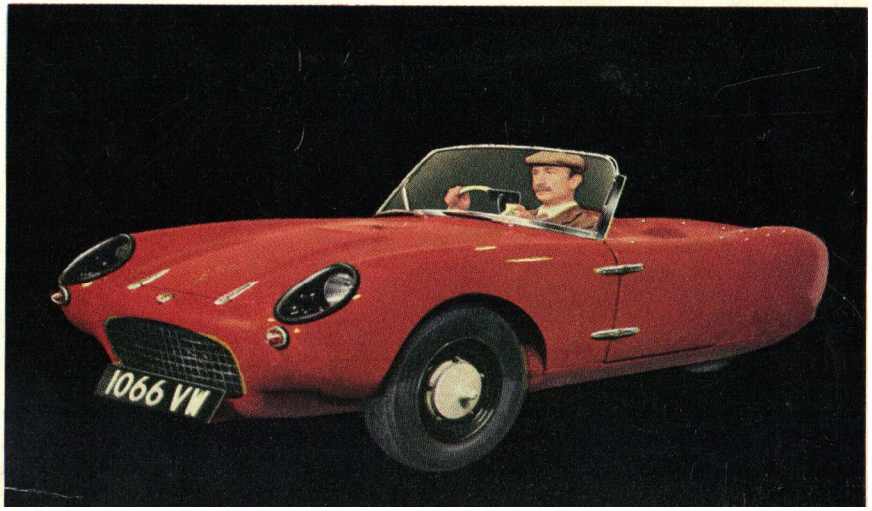
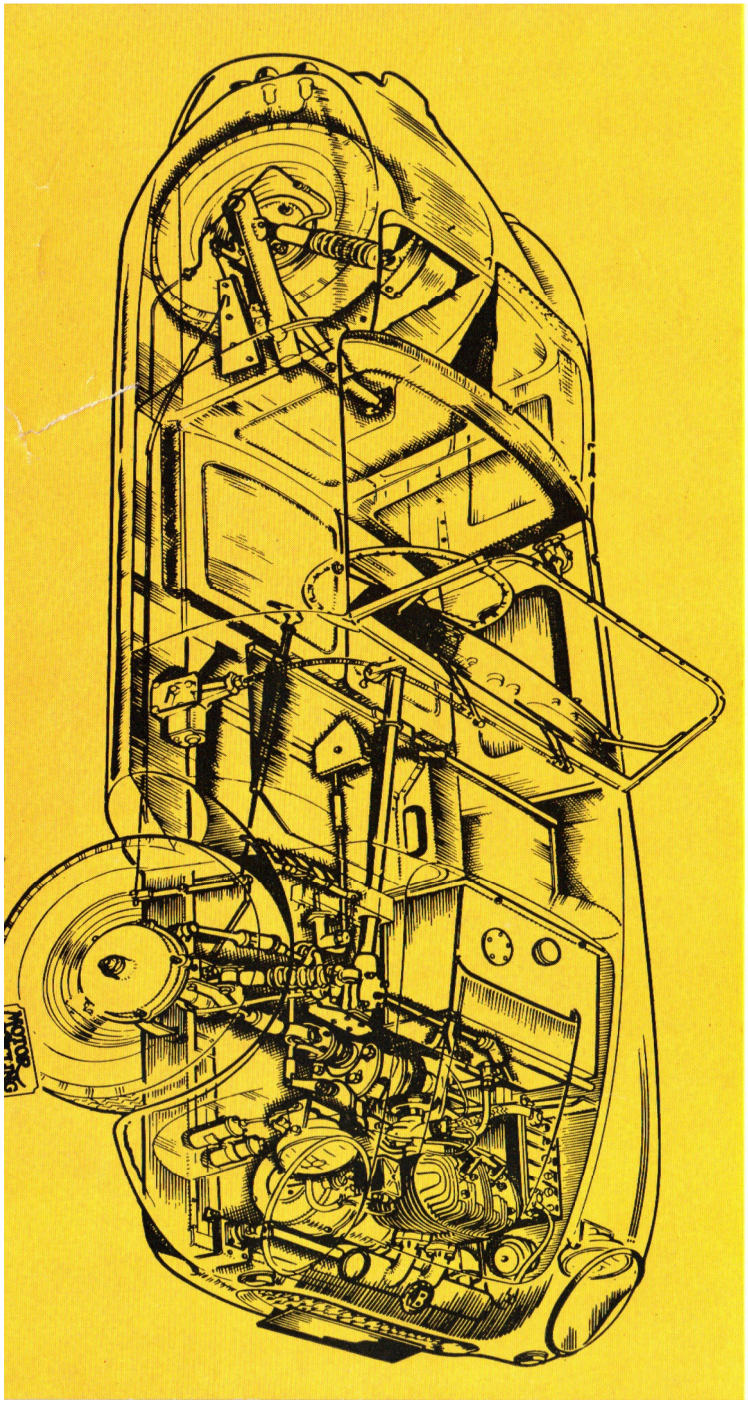
THE BERKELEY 3-WHEELER





EVERY INCH A REAL CAR!





THE BERKELEY 3 WHEELER

The Berkeley is no ordinary 3-wheeler. It is every inch a real car, designed to give you sportscar motoring at only motorcycle cost.

This latest product of the Berkeley stable is practically identical with the high-speed, 4-wheel cars which, with their glass fibre construction introduced an entirely new principle into British car design, and of which more than 3,000 are now in service.

Driving the Berkeley 3-wheeler is a new and exciting motoring experience. It steers and handles beautifully and its exceptional road-holding, braking performance and general stability make it hard for the driver to realise that he is not in a larger, more conventional car. On top of all that it is as economical to run as a motor-cycle, giving you an average fuel consumption of 60 m.p.g. Top speed is 60 m.p.h.

This drawing, published by courtesy of "Motor Cycling" illustrates the main features of the Berkeley's layout and construction.

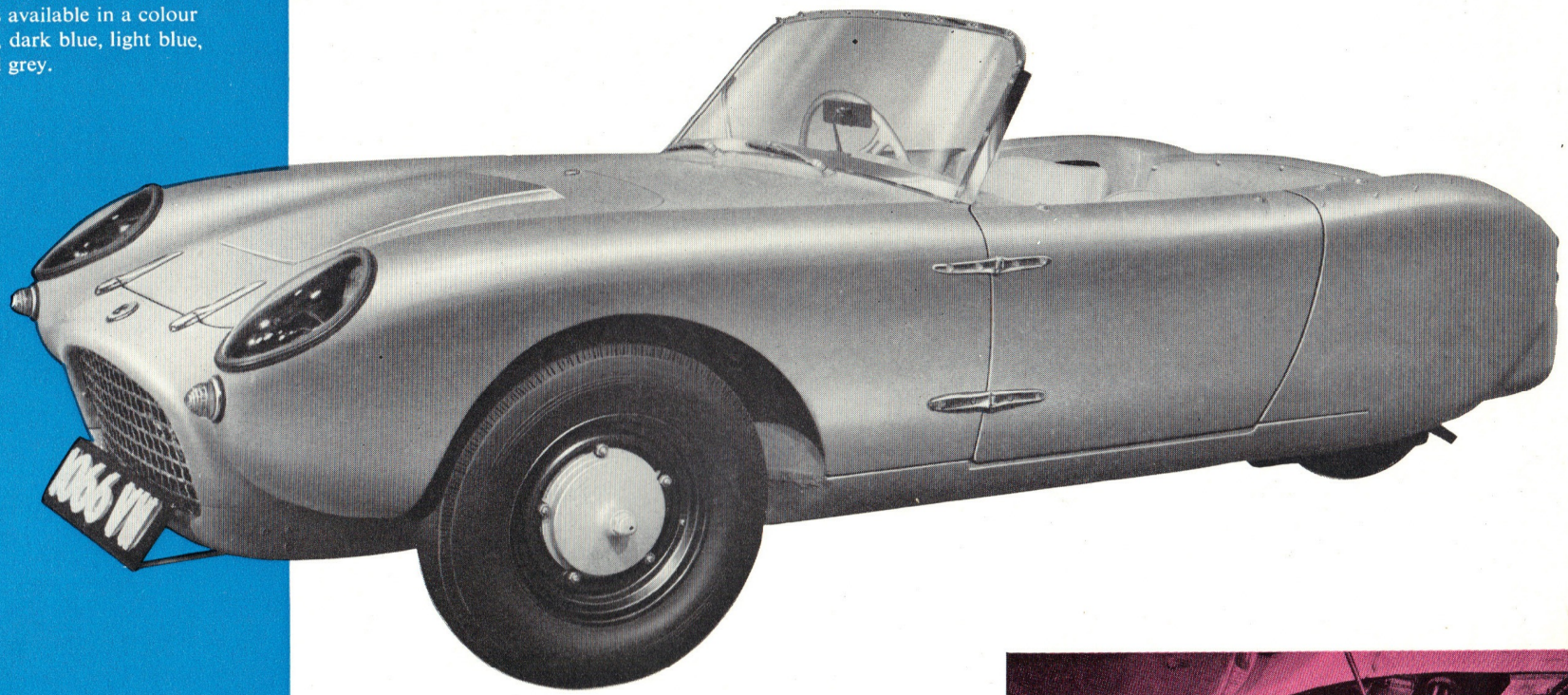
The Berkeley is powered by the well-proved Excelsior twin-stroke, 2 cylinder 328 c.c. engine which develops 18 b.h.p. at 5000 r.p.m., and drives the front wheels through a four-speed-and-reverse Albion gearbox.

Controls are on car lines with a short central gear lever working in a quadrant, and 16″ diameter steering wheel of the modern 2-spoke pattern.

The sleek, stylish body lines enclose a roomy cockpit, with plenty of leg room in the front seats and ample space at the back for a child or luggage. It is available in a variety of attractive colours, and either as a soft or hard top.

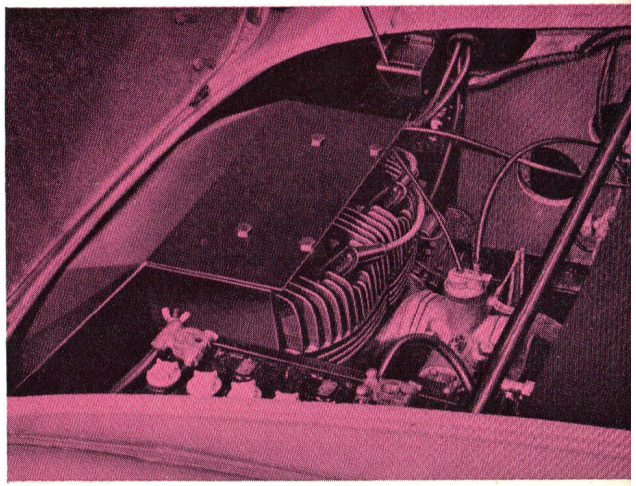
All in all, the Berkeley 3-wheeler *looks* like a real car, *handles* like a real car and in every way is a joy to drive. Take it out on the road and prove it for yourself.

The sleek, stylish lines of the standard 3-wheeler, well illustrated in this picture, make it an additional delight to own and drive.
This fascinating little car is available in a colour range of yellow, white, red, dark blue, light blue, dark green, light green and grey.

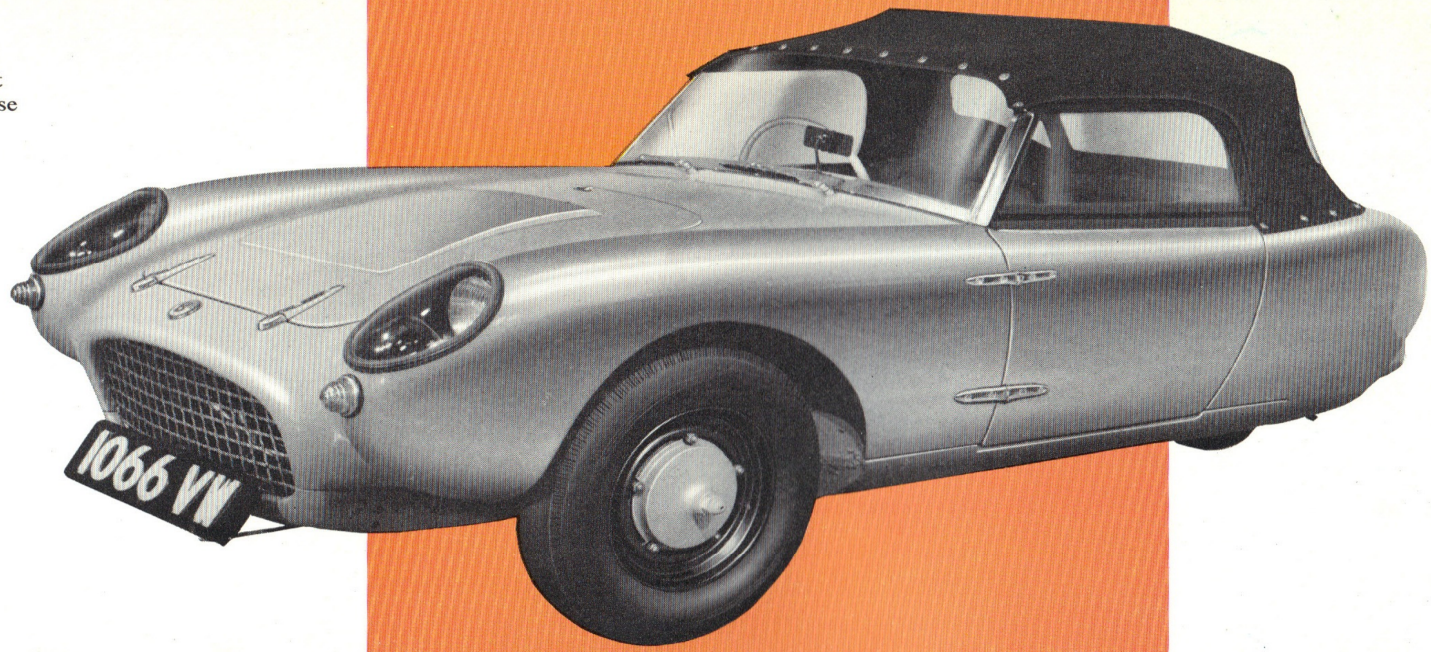


See it – try it – you'll fall in love with the Berkeley!

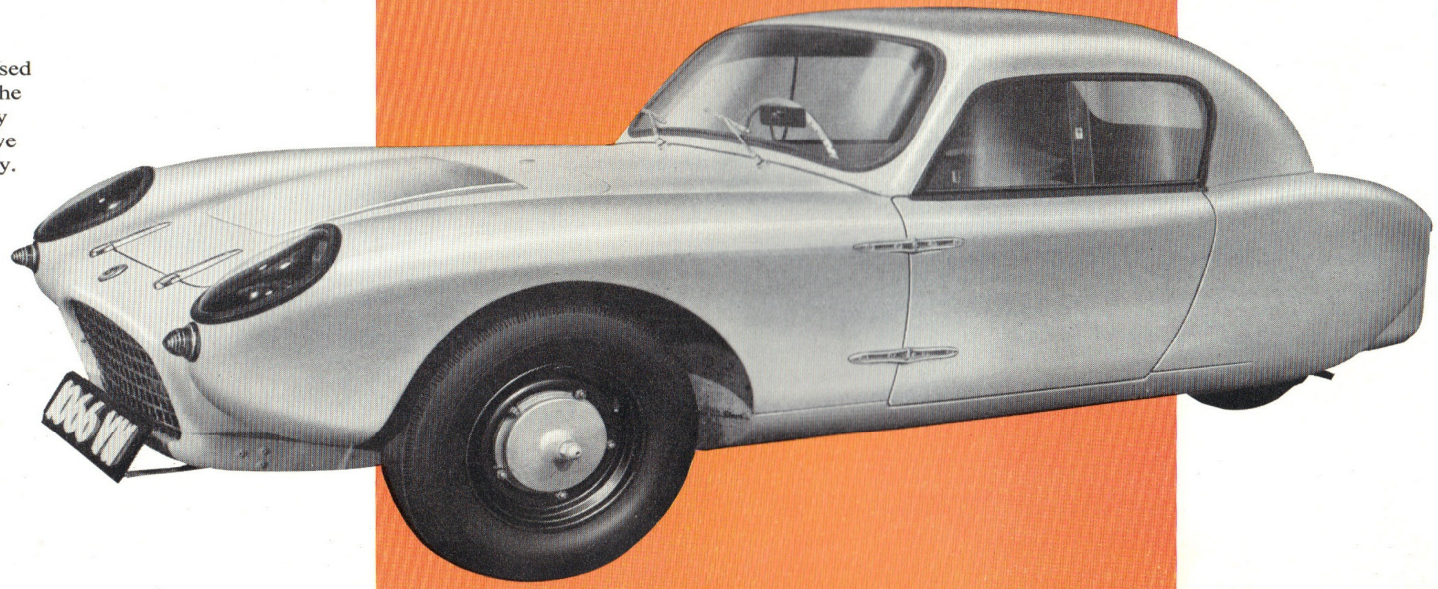
The Excelsior 328 c.c. air-cooled power unit is rubber mounted and drives the front wheels through a differential and half-shafts.
Lively power and acceleration are combined with exceptionally low fuel consumption.

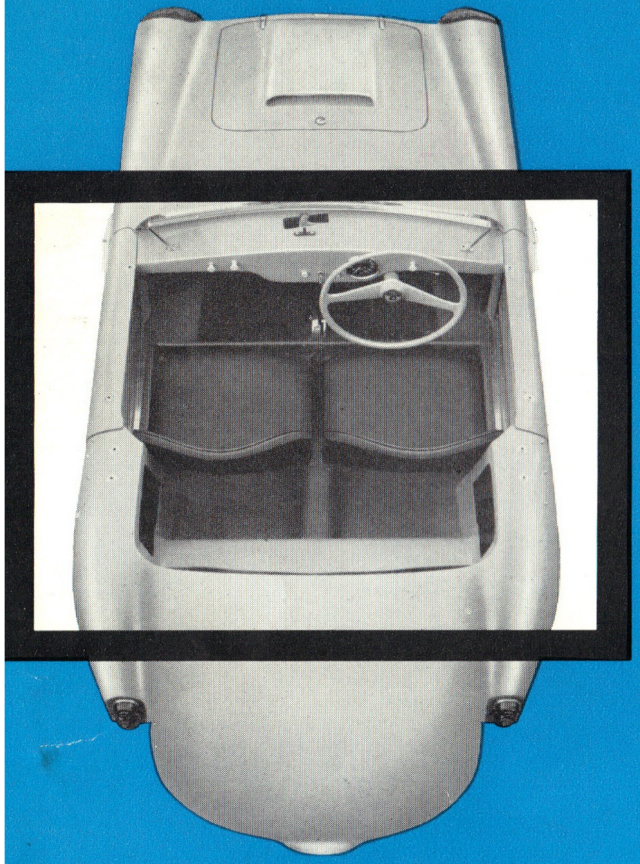


The standard model illustrated with its soft top in position. Quick to fix and unfix these tops give efficient weather and draught protection when conditions are unfriendly.



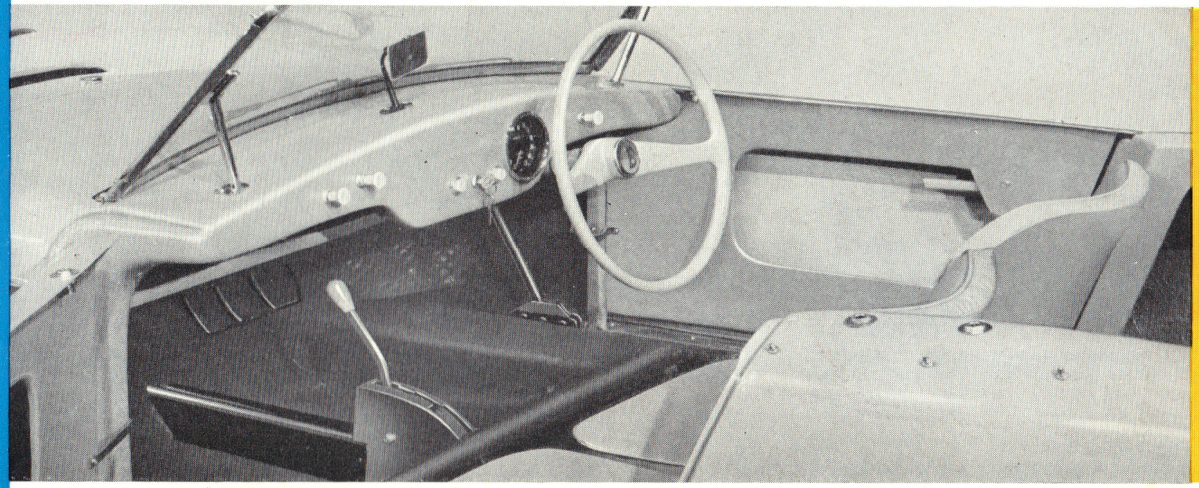
For those who prefer a permanently enclosed car, the Hardtop is ideal. The styling of the top blends perfectly with the graceful body lines and, being in white, gives an attractive 2-tone effect if you choose a coloured body.

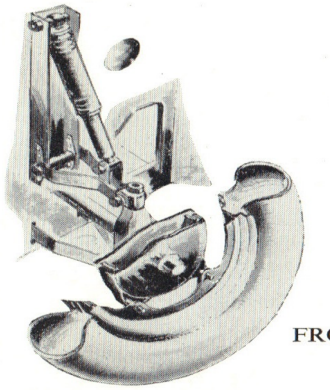




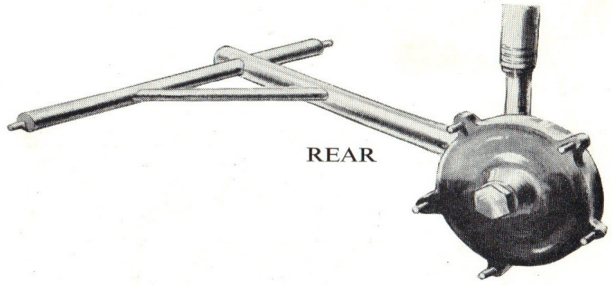
Compact and yet roomy, the Berkeley has full-size front seating capacity, with room at the back for a child or luggage.

Being in the driver's seat is like being in a conventional sports car. Controls are conveniently grouped with a central gear lever and modern 2-spoke 16″ steering wheel. Ample leg room is available for driver and passenger.





FRONT



REAR

All wheels are independently sprung. Front by unequal length wishbones with spring and damper units; rear by swinging arm with spring and damper unit.

SPECIFICATION

ENGINE
Twin cylinder Excelsior two-stroke. Air cooled. Bore 58 mm., stroke 62 mm., cubic capacity 328 c.c. Compression ratio 7.4—1. Max. b.h.p. 18 at 5,000 r.p.m. Aluminium alloy cylinder heads. Cast iron cylinders. Aluminium pistons. "SIBA" dynastarter. 12 volt coil ignition. 12 volt lighting circuit. K.L.G. sparking plugs.

TRANSMISSION
Front wheel drive through Albion four-speed and reverse gearbox. Albion multi-plate clutch. Overall gear ratios : 16.82—1 ; Second 10.06—1 ; Third 7.24—1 ; Top 5.21—1 ; Reverse 17.97—1. Central remote control gear-change lever. Final drive by roller chain through Hardy-Spicer universal joints, placed inboard and outboard of left and right hand half shafts.

BODY AND FRAME
Resin-bonded moulded glass fibre with aluminium alloy bulkheads and cross members moulded in to form a complete structure.
Doors hung on external hinges at forward edges. Internal handles.
Wide curved toughened glass windscreen.
Full width rear window in fabric hood complete with hoodsticks and side curtains. (Soft top).
Wide curved toughened glass windscreen integral with glass fibre hard top, which has large "Perspex" window in the rear.
Sliding windows in sidescreens. (Hard top).
Adjustable type bucket seats, which tip up to gain access to the rear.

ELECTRICAL EQUIPMENT
Twelve volt 24 amp. hr. battery charged by "SIBA" Dynastarter.
Ignition by twin coils.
Dipping headlights incorporating parking lights.
Foot dipping switch.
Two tail lamps incorporating hydraulically operated stop lights. Two reflectors.
Number plate illuminating light.
Dual arm electric windshield wiper.
Electric flashing direction indicators.

DIMENSIONS
Wheelbase : 7′ 2″. Track front 3′ 6¼″.
Overall length 10′ 6″. Overall width 4′ 3″
Overall height with hood erected 3′ 11″.
Overall height without hood 3′ 5½″.
Overall height without screen 2′ 10⅜″.
Overall height of hard top 3′ 10″.
Ground clearance 4″. Turning circle 32′ 0″. Dry weight 6 cwts. 1 qr.

CONTROLS AND CONTROL PANEL
Clutch, brake, and accelerator pedals of pendant design. Gear change lever mounted centrally on floor. Vertical type handbrake. Ignition switch. Mixture control. Starter button. Horn button. Head and side light switch. Panel switch. Windscreen wiper switch. Direction indicator switch.

The issue of this leaflet does not constitute an offer, and the right is reserved to alter prices and/or specifications at any time without notice.
Sales are conditional upon terms of business, Warranties and service arrangements issued by Berkeley Coachwork (Sales and Export) Limited, Biggleswade, Bedfordshire, England.

FUEL AND SPEED
One Amal carburettor gravity fed from 3½ gall. fuel tank.
Fuel consumption 60 m.p.g. average.
Top speed 55-60 m.p.h.

BRAKES
Seven inch Girling hydraulic. Front—two leading shoe. Rear—one leading and trailing shoe.
Adjustable handbrake operating rear shoes only. Vertical handbrake lever.

SUSPENSION
All wheels independently sprung. Front by unequal length wishbones with Armstrong spring and damper units. Rear wheel by swinging arm with Armstrong spring and damper unit.

STEERING
Burman worm and nut steering box with three piece divided track rod and 16 inch steering wheel.

WHEELS AND TYRES
Lightweight wheels with five stud fixing ; fitted with 520 x 12 Michelin tyres and tubes.

INSTRUMENTS
Speedometer with trip and total mileage recorder.
Warning lamp to indicate no dynamo charge incorporated in speedometer.
Warning lamp to show flashers working.
Concealed instrument illumination.

GENERAL EQUIPMENT
One piece curved windscreen. Vynide upholstery. "Hardura" plastic carpets. Driving mirror. Full width parcel tray. Hood, side screens.

BODY COLOURS
Red, light blue, dark blue, light green, dark green, light grey, yellow, Old English white.
Upholstery : Red, black.
All hard tops white and can be combined with body colours as above.

Optional Extras
Wheel discs, spare wheel and tyre.
(Tyre not available from Manufacturer).
Fuel gauge. Luggage grid.

BERKELEY CARS LIMITED - BIGGLESWADE - BEDS.