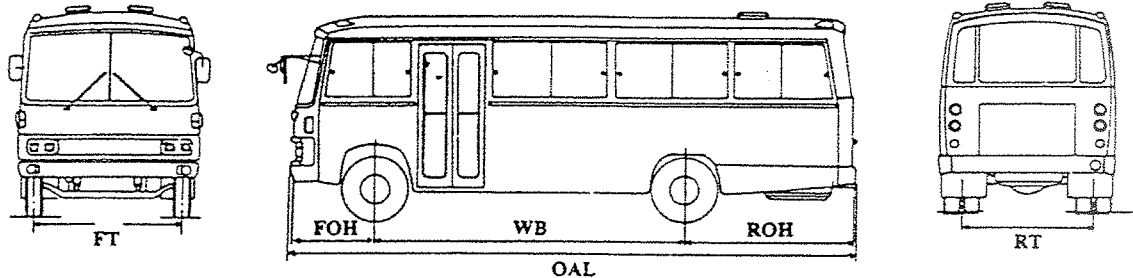




Hino Bus Australia

HINO BUS — AC 140



WB	FOH	ROH	OAL	FT	RT	TURNING CIRCLE	KERB MASS Approx.	GVM
3800	1000	2090	6990	1770	1610	14200	4,355 kg	7,000 kg

DIMENSIONS

Overall length — 6990 mm (22'11").
 — 7130 mm (23'6") with Vertical Exhaust.
 Overall width — 2195 mm (7'2").
 Overall height — 2650 mm (8'8") roof.
 — 3130 mm (10'3") Vertical Exhaust.
 Wheelbase — 3800 mm (12'5").

WEIGHTS

Vehicle Mass — 4355 kg.
 Gross vehicle mass — 7000 kg.
 Max. payload — 2645 kg.

PERFORMANCE

At G.V.M. rating — 7000 kg.
 Max speed — 107 km/h.
 Gradeability — 42.8%.

ENGINE

Model — Hino W06D.
 Max. output — 103 kW (140 hp) at 3200 rpm.
 Max. torque — 358 Nm (264 lb ft) at 2000 rpm.
 Type — 6 cylinder diesel, 4 cycle, vertical in-line, water cooled, front mounted.
 Combustion system — Direct injection.
 Bore and stroke — 104 mm x 113 mm.
 Piston displacement — 5.76 litres (351 cu. in.).
 Compression ratio — 17.9:1.

FUEL SYSTEM

Injector pump type — Bosch in-line with automatic timer.
 Governor — Centrifugal max. and min. speed control type.

ENGINE EQUIPMENT

Air cleaner — Replacement paper element type.
 Oil filter — Full flow and bypass filters, replacement element type.
 Sump capacity — 18 litres (4 gal.).

COOLING SYSTEM

Fan — 6 blades, 380 mm (15 in.) diameter.
 Capacity — 19 litres (4.18 gal.).

CLUTCH

Type — Dry, single plate with damper springs.
 Clutch disc. assy. — Facing outside diameter 300 mm (11.8 in.).
 Control — Hydraulic.

TRANSMISSION

Type — 6 speed direct drive synchromesh on 2nd to 6th gears.
 Gear ratios — 1st 8.190, 2nd 4.819, 3rd 2.871, 4th 1.848, 5th 1.343, 6th 1.000, reverse 7.619.

FRONT AXLE

Type — Reversed Elliot "I" section beam.
 Capacity — 2500 kg.

REAR AXLE

Type — Full floating, single speed reduction by spiral bevel.
 Ratio — 4.333:1; 4.857:1 auto transmission option.
 Capacity — 5700 kg.



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SUSPENSION

Front — Semi-elliptic leaf springs with shock absorbers.
Rear — Semi-elliptic leaf springs with shock absorbers.

BRAKING SYSTEMS

Service — Internal expanding two leading shoes, vacuum servo, hydraulic control with two independent circuits.
Front drums — 320 mm (12.60 in.) dia. x 75 mm (2.95 in.). Width: Lining area 1280 cm² (198.4 in²).
Rear drums — 320 mm (12.60 in.) dia. x 75 mm (2.95 in.). Width: Lining area 1472 cm² (228 in²).
Parking brake — Internal expanding type with 203 mm (8 in.) dia. drum acting on transmission output shaft.
Exhaust brake — Electric-vacuum, with butterfly valve in exhaust pipe.
Exhauster — Rotary vane type, drive-in series with alternator.

STEERING

Type — Recirculating ball, variable ratio.

WHEELS & TYRES

Wheel type — 6 stud disc wheels.
Rim size — 6.00 x 16 — offset 135 mm.
Tyre size — 7.50 x 16 x 12 ply.

FUEL TANK

Capacity — 175 litres.

ELECTRICAL EQUIPMENT

Batteries — Two series connected, each 12V/19 plate, 80 AH at 20 hour rating.
Battery carrier — Pull-out type located on right hand side.
Alternator — 24V, 40A (1 kW).

OPTIONAL EQUIPMENT

Allision automatic transmission.
Type — At 545 with four forward speeds.
Ratios — 1st 3.45, 2nd 2.25, 3rd 1.41, 4th 1.00, reverse 5.02.
Torque converter — Single-stage, 3-element, multiphase, stall torque ratio 2.0:1.

BODY TYPE

Single deck, semi-integral body with steel frame and panelling.

FLOORING

Plywood with 2 mm thick vinyl covering: Inspection trap and two drain holes provided.

DOORS

Passenger — Centre hinged two-leaf folding type, electric operation, controlled from driver's seat. Door lock fitted.

WINDOWS

Front — Two piece laminated.
Side — Sliding type, light alloy frame, toughened glass.
Rear — Three piece separate type, centre push out, toughened glass.

SEATING

28 passengers plus driver. Fixed type passenger seats upholstered with vinyl. Five rows on left side plus one fixed in front of passenger door. Six rows on right side.
Ashtrays — One for driver, one fixed to back of every seat row.

STANDARD FEATURES

Tachometer: Two-speed wipers with electric washers; heater/demister (driver area); saloon heater (complete bus); external rear vision mirrors; internal rear vision mirror; fire extinguisher; fog lights; mud flaps (front and rear); locking fuel tank flap; driver's sun visor; driver operated passenger door; AM band bus radio; towing hooks front and rear; tailshaft strap; toolbox and tool kit; wheel chocks; hazard warning lights; roof ventilators; two piece windscreen; driver access door; winch mounted spare wheel and tyre mounted under rear of vehicle.

WARRANTY

12 months/50,000 kilometres.

IMPORTANT

The specification of this model is correct at April 1985, but as development is a continuing process, please check details with your dealer. The manufacturer is constantly seeking ways to improve the specification design and production of its vehicles and alterations take place continually. While every effort is made to produce up-to-date literature, this brochure should not be regarded as an infallible guide to current specifications, nor does it constitute an offer for sale of any particular vehicle. Hino buses and bus chassis are distributed by JRA Limited but dealers are not agents of JRA Limited and have absolutely no authority to bind JRA Limited by any express or implied undertaking or representation.