



ASHOK LEYLAND



EAGLE MINIBUS

816

EAGLE MINIBUS

Seating 28 to 32 Seats

TECHNICAL INFORMATION

| | |
|---|---|
| ENGINE | : H-Series HA6DTI3N - BS III |
| Bore x Stroke | : 104 x 113mm |
| Max output | : 160 Ps @ 2400 rpm |
| Maximum torque | : 540 Nm @ 1500 rpm |
| Air filter | : Dry type |
| Fuel filter | : 0.5 ltrs. dual on the pressure side |
| Fuel tank capacity | : 115 ltrs. |
| Cooling type | : Pump circulated, pressurised cooling, thermostat controlled |
| CLUTCH | : Diaphragm type 380 dia hydraulically actuated |
| GEAR BOX | : SYNCHROMESH: ZF 5-36 OD : 1st: 1:5.96, 4th: 1:1.00 : 5th: 1:0.78, Rev: 1:6.67 |
| PROPELLER SHAFT | : 1600 Series : 2 Nos - rubber mounted |
| REAR AXLE | : Fully floating single speed hypoid gear |
| Axle capacity | : 4950 kgs |
| Axle Ratio | : 3.7:1 |
| FRONT AXLE | : Forged 'I' section reverse Elliot type |
| Capacity | : 3800 kgs |
| FRAME | : Straight longitudinal C-section ladder type |
| No. of cross members | : 6 |
| Frame dimensions mm (depth x width x thickness) | : 185 x 65 x 6.35 (D x W x T) |
| SUSPENSION | : Semi Elliptic - Multi leaf |
| Shock Absorbers | : Front and Rear |
| STEERING | : Power Steering |
| Drive | : LH/RH |
| WHEELS & TYRES | : G6 x 16" |
| Rim size | : Size 7.5R16-Radial |
| BRAKES | : Full Air Dual Line |
| Total Braking Area | : FRONT: 1235 Sq. Cm : REAR: 1235 Sq. Cm |
| Exhaust brake | : Optional |

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| ELECTRICAL SYSTEM | Type | : 24 V |
| Battery | : 150 Amp. Hr. (20 Hr. rating) | |
| Alternator max output | : 100 Amps x 24V (2400W) | |

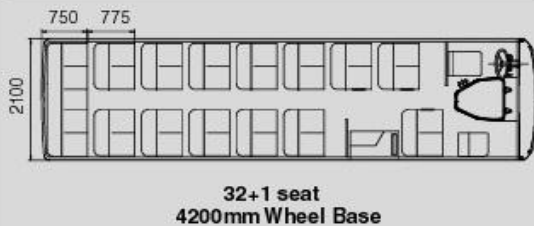
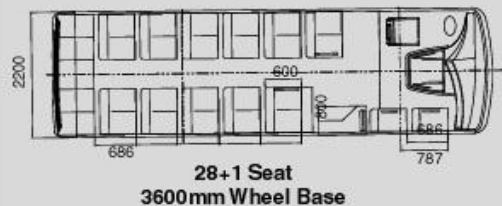
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| PERFORMANCE DATA | Max speed | : 116 Km/h |
| Max gradeability | : Running: 33.2%, Restart: 31.85% | |

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| WEIGHTS(Kgs) | : 3600 | 4200 |
| | Chassis | Bus |
| Unladen | : 2730 | 4840 |
| Laden | : 8100 | 8100 |

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| MAJOR DIMENSIONS | (For chassis in mm) |
| Wheelbase | : 3600 4200 |
| Front overhang | : 1404 1404 |
| Rear overhang | : 2090 2450 |
| Overall length | : 7094 8054 |
| Overall Width | : 2200 2200 |
| Front track | : 1753 1753 |
| Rear track | : 1621 1621 |
| Min. ground clearance | : 200 |
| Turning circle dia | : 14100 16000mm |
| Angle of Approach | : 17.9 deg 17.9 deg |
| Angle of Departure | : 12.2 deg 12.2 deg |

OPTIONAL FITMENTS : Air Conditioner

SEATING LAYOUT



Caution : Do not drill or weld on frame
Note : Specifications are likely to change due to continuous improvements.



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