



ASHOK LEYLAND



8014



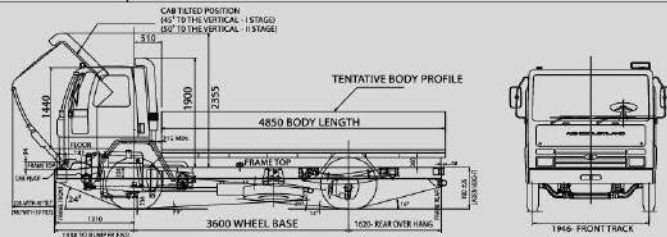
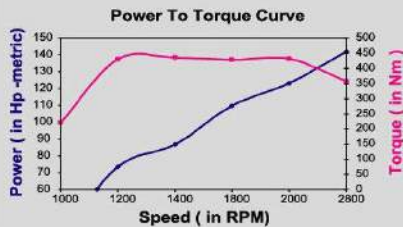
HINDUJA GROUP

8014

TECHNICAL INFORMATION

ENGINE	: HA4CTI 2S – BS2- Turbocharged intercooled diesel
Bore x Stroke	mm : 104 x 113
Max output	: 103 kw (140 PS) @ 2800 rpm
Maximum torque	: 443 Nm (45 Kgm) @ 1600 rpm
Air filter	: Fleet Guard air Filter
Fuel filter	: Fleetguard fuel cum water separator
Fuel tank capacity	ltrs. : 115 Ltrs
Cooling type	: Pump circulated, pressurised cooling, thermostat controlled with deaeration tank
CLUTCH	: Single Plate Diaphragm clutch hydraulically actuated
Facing dia & thickness	mm : 310 & 10- Non Asbestos Valeo
Total frictional area	Sq.cms : 968
GEAR BOX	: 6 speed ZF 6.36 OD Synchromesh I : 6.93 II : 4.43 III : 2.634 IV: 1.513 V : 1.00 VI : .838 Rev : 6.22
PROPELLER SHAFT	: 1550 series
No. of propeller shafts	: 2
REAR AXLE	: Fully floating single speed Hypoid Gear, pressure type casing
Axle capaci	kgs : 6000
Axle Ratio	: 4.1:1
FRONT AXLE	: Forged I section reverse elliot type
Capacity	kgs : 3200
FRAME	: All steel ladder type bolted construction
No.of cross members	: 7
Frame dimension (depth x width x thickness)	mm : 204 x 61 x 6 mm
SUSPENSION	: Semi Elliptic laminated multi leaf slipper ended
Leaf Width	: Front 75 & Rear 75
Shock absorber	: Double acting, telescopic type both at front and rear Anti Roll Bar Front Only
STEERING	: ZF Power Assisted steering
Ratio	: 20.4:1
Wheel dia	mm : 503

WHEELS & TYRES	: 2 nos. in front and 4 nos. in rear 1 spare
Rim size	: 6.00Gx16" 123.8mm (Offset)
Tyre size	: "7.50 R 16 HIGHWAY PATTERN BOTH FRONT AND REAR"
BRAKES	: Full air pressure system 'SAW BRAKES' on all wheels dual line circuit
Exhaust Brake	: Pneumatically operated
Parking brake	: Pneumatically operated on rear wheels only
ELECTRICAL SYSTEM	
Type	: 24 V negative earth
Battery	: 100 Amp. Hr. (20 Hr. rating)
Alternator max output	: 55 Amps
PERFORMANCE DATA	
Max speed in top gear	: 119 kmph
Max gradeability %	: 38
WEIGHTS - Unladen (Kgs)	
Front axle	: 2236
Rear axle	: 984
Total	: 3220
WEIGHTS - Laden(Kgs)	
Front axle	: 3092
Rear axle	: 4908
Total	: 8000
MAJOR DIMENSIONS (For chassis in mm)	
Wheelbase	: 3600 4200
Front overhang	: 1310 1310
Rear overhang	: 1620 2025
Overall length	: 6558 7535
Overall Width	: 2207 2207
Overall height	: 2600 2600
Front track	: 1890 1890
Rear track	: 1689 1689
Min. ground clearance	: 225 225
Turning circle dia	: 13800 15900
Angle of Approach (deg)	: 24 24
Angle of Departure (deg)	: 19 18



ASHOK LEYLAND

1, Sardar Patel Road, Guindy, Chennai- 600 032 INDIA
www.ashokleyland.com

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Specifications are subject to change as per our policy of continuous improvement



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