

LPT 1613 /62 TC BS-II, Truck Chassis

ENGINE	: Cummins 6BT 5.9-125-20
Type	: Turbo charged inter-cooled Diesel Engine
No. of cylinder	: 6 Inline
Capacity	: 5883 cc
Air cleaner	: Dry type paper filter
Max. Engine Output	: 93.5 Kw (125.5 HP) @ 2400 rpm
Max. Torque	: 41.8 kgm (410 Nm). @ 1400 to 1700 rpm
Fuel Injection pump	: Rotary
CLUTCH	: 330 dia. Single plate dry friction type
GEAR BOX	: TATA GBS-40
Type	: Synchromesh on all forward gears & constant mesh on reverse gear
No. of gears	: 5 forward, 1 reverse
1st Gear Ratio	: 7.51
FRONT AXLE	: Heavy duty forged I beam, Reverse elliot type.
REAR AXLE	: TATA RA 108 RR
Type	: Single reduction hypoid gear, Fully floating axle shafts
Ratio	: 5.857

STEERING	: Power steering
FRAME	: Ladder type heavy duty frame with riveted/bolted cross member. Depth-285mm, Width-65mm, Thick-7mm
SUSPENSION	: Semi-elliptical leaf spring at front & rear
Shock absorbers	: Hydraulic double acting telescopic type at front and rear.
BRAKES	
Service brakes	: Dual circuit full air S-Cam brakes with auto slack adjuster; ABS (optional)
Parking brake	: Hand operated, Spring actuated parking brake acting on rear wheels
Engine exhaust brake	: Electro pneumatically operated & coupled with service brake.
WHEELS & TYRES	: 10.00 X 20-16PR Optional 10.00 R 20-16PR (Radial)
Wheel rims	: 7.50 X 20
No. of Tyres	: Front-2, Rear-4, Spare-1
FUEL TANK	: 250 litres

CAB/COWL	: Cowl
ELECTRICAL SYSTEM	: 24 V

PERFORMANCE	
Max. climbing ability	: 16.2%
Max geared speed in top gear (With std. rear axle)	: 81.5 kmph
Turning circle Diameter	: 23661 mm
Clearance circle diameter:	: 26650 mm

DIMENSION	
Wheelbase	: 6200 mm
Overall length	: 11850 mm

WEIGHTS (kg)	
Bare chassis kerb Weight : as per IS 9211 with Cowl	: 4935 kg
Max. Permissible GVW	: 16200
Max. Permissible FAW	: 6000
Max. Permissible rear weight	: 10200

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CAUTION: Do not weld on chassis frame. Accessories shown in the picture or elsewhere may not constitute standard fitment.

The Specifications are subjected to change without notice. These are indicative specification for reference only.

For optimum performance the vehicle should be operated at rated GVW only.

For further details :

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