TATA

LPO 1618



TATA MOTORS

SPECIFICATIONS

TATA LPO 1618 TC LHD BUS

ENGINE

Model	:	CUMMINS B180
Type	:	Water cooled,Turbocharged inter-cooled diesel engine
No. of Cylinders	:	6 inline
Bore / Stroke	:	102 mm x 120 mm
Capacity	:	5883 CC
Max. Engine Output	:	134 kw (180 PS) @ 2250 rpm
Max. Torque	:	654 Nm @ 1500 RPM

CLUTCH

Type	:	Single plate dry friction type
Diameter of Clutch Lining	:	352 mm Clutch Booster Assisted Control Mechanism (Optional)

GEARBOX

Model	:	Tata GBS-600 with Overdrive synchromesh
No. of gears	:	6 Forward, 1 Reverse
Gear Ratios	:	1st- 6.58 2nd- 3.79 3rd- 2.29 4th- 1.49 5th- 1.00 6th- 0.77 Rev- 5.66

FRONT AXLE : Heavy duty Forged I beam Reverse Elliot type

REAR AXLE : Single reduction, Hypoid Gears, Fully floating axle shafts , Ratio 5.857 : 1

STEERING : Power Assisted Hydraulic steering

FRAME : Ladder type frame with riveted/ bolted cross members

SUSPENSION

Type	:	Semi elliptical leaf spring at front and rear, Optional - Weveller
Anti Roll Bar	:	At Front only
Shock Absorbers	:	Hydraulic double acting telescopic type at front

BRAKES

Service Brakes	:	Fully duplicated, full air S-CAM brake system
Parking Brake	:	Spring actuated parking brake acting on rear wheels
Engine Exhaust Brake	:	Pneumatically operated with foot control valve

WHEELS & TYRES

Tyres	:	11R22.5 - 16 PR; 10R20 16PR/10X20 (optional)
Wheel Rims	:	8.25x22.5 ; 7.25x20 (optional)
No. of wheels	:	Front – 2, Rear – 4, Spare – 1

ELECTRICAL SYSTEM

System Voltage	:	24 Volts
Alternator Capacity	:	45 Amps
Battery	:	2X12 V, 180 Ah

FUEL TANK

Capacity	:	350 Litres-STD, 250 Liters (Optional)

MAIN DIMENSIONS (BUS)

Wheel Base (mm.)	:	5545
Overall Length (mm.)	:	10900
Max. Width (mm.)	:	2600
Max. Height (unladen)	:	

WEIGHTS (kg)

Max. Permissible FAW	:	6000
Max. Permissible RAW	:	10200
Max. Permissible GVW	:	16200

PERFORMANCE

Max. Climbing Ability in 1st Gear (with standard gear box & rear axle)	:	30 %
Max. geared speed in top gear (with standard rear axle)	:	96 kmph





Accessories shown in the picture or elsewhere do not constitute standard fitment.

Indicative Specifications for Reference only. Contents are subject to change without notice.

For further details please contact : TATA Motors or your nearest Tata Motors Distibutor

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