

TATA MOTORS



LPK 3118



Specifications



ENGINE

Engine type	Cummins 6BT 5.9L, BS III
Engine capacity (cc)	5883
Max engine output	178 kW at 2500 rpm
Bore / stroke	102 mm x 120 mm
Max engine torque	685 Nm at 1400 rpm



TRANSMISSION AND STEERING

Clutch	380 mm, organic
Gearbox	Tata G 750
1st	9.19
2nd	4.98
3rd	2.97
4th	1.93
5th	1.39
6th	1
Reverse	8.13



FRAME

Type	Ladder type heavy duty frame of channel section
Chassis	285 mm x 65 mm x 7 mm
Frame width	888 mm



SUSPENSION

Front	Semi elliptical
Rear	Semi elliptical



BRAKES

Service brake	Dual circuit, full air S-CAM brake
Brake area	Front - 2180 sq cm, Lift - 2180 sq cm, Drive - 2470 sq cm, Dummy - 2470 sq cm
Engine exhaust brake	Yes



WHEELS AND TYRES

Tyre size	10.00 x 20-16PR (Non-Mining)
Wheel rim	7.5 x 20
Rear axle	RA 109 - Single Stage Reduction
Final drive ratio	6.14
Front axle	I Beam - 12T



DIMENSIONS

Wheel base	5205
TCD	21405
Front track	1964
Rear track	1817
Ground clearance	Front - 316 mm, Rear - 264 mm
Max. width (wt. body)	2592
Overall height (wt. body)	2745
Applications	Coal
Box body options (CBM)	18



WEIGHTS

Max GCW	31000
Max. FAW	12000
Max. Raw	19000



PERFORMANCE

Grade ability	22%
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Top speed (kmph)	80
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CABIN

Cabin type	Fixed type non sleeper cab
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For more information, please contact:

TATA MOTORS

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