

TATA MOTORS



SK 1613



Specifications



ENGINE

Engine type	Cummins 6BTAA5.9, water cooled, direct injection, turbocharged, intercooled diesel engine
Engine capacity (cc)	5883
Max engine output	89 kW at 2500 rpm
Bore / stroke	102 mm x 120 mm
Max engine torque	400 Nm at 1400 - 1700 rpm



TRANSMISSION AND STEERING

Clutch	300 mm, single plate dry friction type
Gearbox	TATA GBS-40
No. of gears	5 Forward, 1 Reverse
1st	7.51
2nd	3.99
3rd	2.5
4th	1.5
5th	1
Reverse	6.93



FRAME

Type	Ladder type heavy duty frame with rivetted / bolted cross members
Chassis	223 mm x 60 mm x 6 mm
Frame width	903 mm



SUSPENSION

Front	Semi elliptical leaf spring
Rear	Semi elliptical leaf spring



BRAKES

Service brake	Fully duplicated, full air S-CAM brake system
Engine exhaust brake	Pneumatically operated interlinked with service brake



WHEELS AND TYRES

Tyre size	10.00 x 20 -16 PR
Wheel rim	7.50 x 20
Rear axle	TATA RA - 109 RR
Final drive ratio	5.86 : 1 (41 / 7)
Front axle	Heavy duty forged I beam, Reverse Elliot type



DIMENSIONS

Wheel base	3625
TCD	14800
Front track	1964
Rear track	1817
Ground clearance	259
Max. width	2434
Overall height	2460
Box body options (CBM)	6.5, 8.5 and 10
Scoop body options (CBM)	6.5



WEIGHTS

Max GVW	16200
Max. FAW	6000
Max. Raw	10200
Tare weight	4425



PERFORMANCE

Grade ability	17%
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Top speed (kmph)	81
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CABIN

Cabin type	Semi forward non tiltable type
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For more information, please contact:

TATA MOTORS

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