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| **BRIEF TECHNICAL SPECIFICATIONS FOR CONSTRUCTION EQUIPMENT VEHICLE** | |
| **Details of the manufacturer** |  |
| Name and address |  |
| Telephone No. |  |
| Fax No. / E-mail ID |  |
| **Vehicle data** |  |
| Basic model |  |
| Type (Brief description) |  |
| Variant(s) |  |
| Type (Brief description) |  |
| Implements / Attachments (Brief description) |  |
| Engine No. |  |
| Chassis No. |  |
| **Engine** |  |
| Make |  |
| Model and identification |  |
| Type |  |
| Bore x stroke (mm) |  |
| No. of cylinders |  |
| Displacement |  |
| Compression ratio |  |
| Max. Engine output ([kW@rpm](mailto:kW@rpm)) |  |
| Max. Torque ([Nm@rpm](mailto:Nm@rpm)) |  |
| Air cleaner |  |
| Oil filter |  |
| Fuel filter |  |
| Capacity of cooling system |  |
| Oil sump capacity (l) |  |
| Weight of engine (kg) (complete) |  |
| Radiator frontal area (core area) |  |
| Catalytic converter details, if fitted |  |
| **Clutch** |  |
| Type |  |
| Outside diameter |  |
| **Gear box** |  |
| Make |  |
| Model & identification |  |
| Type |  |
| No. of gears |  |
| **Gear Ratio** |  |
| 1st |  |
| 2nd |  |
| 3rd |  |
| 4th |  |
| 5th |  |
| 6th |  |
| Reverse |  |
| Front axle ratio |  |
| Rear axle ratio |  |
| **Steering** |  |
| Type |  |
| Steering wheel diameter (mm) |  |
| Ratio |  |
| No. of rotation of the wheel (Lock to lock) |  |
| Steered axle |  |
| **Frame** |  |
| Long member size (mm) |  |
| Number of cross members |  |
| Suspension |  |
| Type (Brief description) |  |
| Spring |  |
| Anti-roll bar |  |
| **Shock absorbers** |  |
| **Brake** |  |
| Service brake (Brief description) |  |
| Front |  |
| Rear |  |
| Total braking area (cm2) |  |
| Secondary brake (Brief description) |  |
| Parking brake (Brief description) |  |
| **Wheels and tyres** |  |
| Wheel rim size |  |
| Tyre size and ply rating |  |
| Dynamic rolling radius of tyre |  |
| Tyre pressure (front & rear) (kg/cm2) |  |
| Electrical system |  |
| System voltage (V) |  |
| Battery rating |  |
| Alternator type |  |
| Max. output |  |
| Wiping system (Brief description) |  |
| Wiper motor |  |
| Fuel tank |  |
| Material |  |
| Capacity (l) |  |
| Dimensions in travel mode |  |
| Wheel base (mm) |  |
| Overall width (mm) |  |
| Overall length (mm) |  |
| Overall height (mm) |  |
| Front track (mm) |  |
| Rear track (mm) |  |
| Min. ground clearance (mm) |  |
| Min. turning circle diameter (m) |  |
| Max. clearance circle diameter (m) |  |
| Weights |  |
| Unladen FAW, kg (FAW1, FAW2 etc.) |  |
| Unladen RAW, kg (RAW1, RAW2 etc.) |  |
| Unladen weight, kg (weight in travel mode with  90% fuel, accessories and tools) |  |
| Maximum gradeability (laden) |  |
| Maximum speed (kmph) |  |
| Seating capacity and layout |  |