



J5M 4x4 Truck Chassis



 Euro-II



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CA2160P1K2L2T5YA80 J5M 4X4 Truck Specifications

| | | | | | | | | | |
|---------------------------------------|--|---|-------|---|--------------------------------------|---|---|---|--|
| Mass | Curb Weight (kg) | | 5400 | Dimensions | Overall dimensions of Truck Assembly | Length (mm) | 7385 | | |
| | Axle Load distribution (kg) | Front | 3150 | | Width (mm) | 2490 | | | |
| | | Rear | 2250 | | Height (unload) (mm) | 2950 | | | |
| | Gross Weight Full Load(kg) | | | | Wheel Base(mm) | 4210 | | | |
| | Axle Load distribution (kg) | Front | | | Wheel Track(mm) | Front | 1920 | | |
| | | Rear | | | | Rear | 1860 | | |
| | GVW (kg) | | | | 16200 | Min. Ground Clearance(under rear axle) (mm) | | 240 | |
| | Max. Axle Load distribution (kg) | Front | 4200 | | Approach Angle (°) | | 30 | | |
| | | Rear | 12000 | | Departure Angle (°) | | 25 | | |
| | Max. traction weight (kg) | | | | | Front Overhang (mm) | 1375 | | |
| Max. GVW of tractor and trailer | | | | Rear Overhang (mm) | 1800 | | | | |
| Max. allowed load on fifth-wheel (kg) | | | | Clearance of fifth-wheel from ground(loaded) mm | | | | | |
| Performances | Min. Steering Diameter (m) | | 21 | Engine | Model | FAW CA6DF2D-22 | | | |
| | Max. Speed (km/h) | | 90 | | Displacement(L) | 6.557 | | | |
| | Max. Gradeability (%) | | 65 | | Max. Output Power kW/(r/min) | | 171/2300 | | |
| | Parking Brake Grade Angle (%) | | 40 | | Max. Torque Nm/(r/min) | | 770/1300-1500 | | |
| | Direct Shift Min. Stable Speed(km/h) | 26 | | | Rated Fuel Consumption g/(kW•h) | | | | |
| | Direct Shift Accelerate Time (s) (20-70km/h) | | | | Min. Fuel Consumption g/(kW•h) | | 215 | | |
| | Sliding Distance(from 50km/h) (m) | | ≥1050 | | Cab | Type | Cab-over-engine, all metal closed, integral front tilting angle 44° | | |
| | Braking Distance(from 30km/h) (m) | | ≤10 | | | Seats | 2 | | |
| | Fuel Consumption(l/100km) | | 14 | | | Clutch | Type | Dry type, single plate, diaphragm spring clutch, hydraulic controlled and air aided power operating | |
| | Fuel Tank Capacity (L) | | 200 | | | | Driven Plate Dia. | Φ395mm | |
| Frame | Type | Side rails, punching and riveted construction | | Power Steering | Model | Integrated power steering | | | |
| | Main Rail section | 280*90*8 (mm) | | | Ratio | 20.5 | | | |
| | Auxiliary Rail Section | 264*80*5 (mm) | | | Pump Max. pressure(MPa) | | 13 | | |
| Transmission | Model | FAW CA6TBX085M | | Brake System | Rated working air pressure (kPa) | | 900 | | |
| | Forward Shifts Ratio | I1=6.367、I2=3.624、I3=2.311、I4=1.563、I5=1、I6=0.820 | | | Driving Brake | Dual circuit, air pressure brake | | | |
| | Reverse Shift Ratio | ir=6.057 | | | Parking Brake | Spring energy storage type | | | |
| Wheel Alignments | Wheel Camber | 1° | | Auxiliary Brake | Exhaust Brake | | | | |
| | Kingpin inclination | 6° | | | | | | | |
| | Caster | 1.5° | | Electric System | Type | Single line, negative earthed | | | |
| | Toe-in(measured onΦ648 diameter) | 1-5mm | | | Voltage | 24V | | | |
| Rear Axle | Type | QT205Q1 | | Generator | 1500W | | | | |
| | Reduction Ratio | 5.805 | | Battery (V/Ah) | | 12/100 | | | |
| | differential | | | Wheel | Rim | 8.00-20 | | | |
| Body | Measurement(mm) | Optional:5400*2300*600 | | | Tyre | Model | 11.00R20 | | |
| | | | | Air pressure (kPa) | 770 | | | | |

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