

PK205

GVM: 14200 kg

GCM: 23000 kg



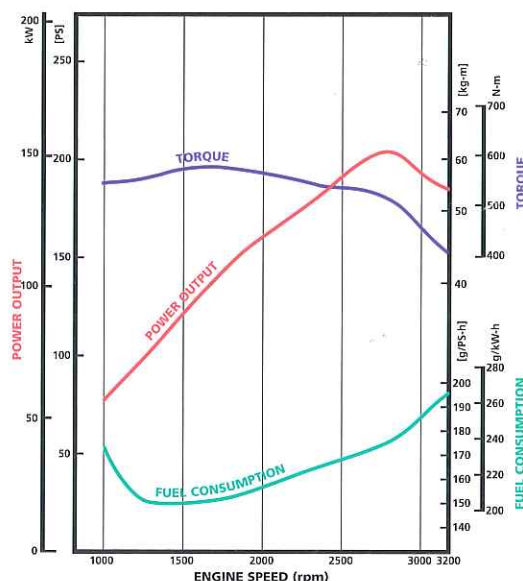
ENGINE

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Make: Nissan Diesel
Type: Turbocharged, four stroke direct injection.
Displacement: 6,925 cc
Bore and stroke: 108 mm x 126 mm.
Maximum output: JIS D1001 205PS (151kW) NETT at 2800 rpm.
Maximum torque: 579 Nm (427 lb ft) at 1700 rpm.
No load max rpm: 3200
Compression ratio: 17.5:1
Oil sump capacity: 15 litres.
Oil filtration by: Full flow paper element.
Air Cleaner: Paper element type 13".
Air intake: Snorkel type at rear of cab.

ENGINE COOLING SYSTEM

Radiator type: Corrugated fin type.
Pump: Centrifugal.
Header Tank: Expansion type fitted.
Temperature control: Maintained by wax pellet type thermostat.
Lubricating oil: Oil cooler fitted for engine oil temperature control.
Fan: Mounted on viscous hub.



DRIVELINE

CLUTCH

Make: Nissan Diesel CL740 finger type.
Clutch diameter: 350mm (13.8 inch).
Lining Area: 582cm² each side.
Clutch operation: Booster assisted.

REAR AXLE

Nissan Diesel Type: RS90
Factory rated at: 9,500kg.

DIFFERENTIAL *SRHL-1*

Single reduction ratio: 5.571:1 (6.166 with 11R22.5)

GEARBOX

Make: ND MLS61A. Synchronmesh on 2nd to 6th.

GEAR RATIOS

Ratios: 1st: 7.173, 2nd: 4.304, 3rd: 2.459, 4th: 1.541, 5th: 1.00, 6th: 0.790, Rev: 6.536

PERFORMANCE

Maximum Speed: 126 km/h (122 km/h with 11R22.5)

Gradeability: In first gear on paved road at standard specifications with GVW of 23,000 kg: $\sin 0.3098 = 18^\circ 63'$.
(11R22.5 = $\sin 0.3181 = 18^\circ 33'$).

ELECTRICAL & FUEL

ELECTRICAL EQUIPMENT

System: 24 volt negative earth.
Batteries: 2 x 12V 65 Amp-hour.
Starter Motor: 24V 5 kW(reduction type).
Alternator: 24V 50 Amp.

FUEL SYSTEM

Fuel tank capacity: 200 litres.
Injector pump: Bosch A type in line plunger, force lubricated by engine oil from engine gallery.
Injectors: 5 hole flange type.
Governor: All speed RLD.



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CHASSIS

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Type: Ladder with channel section side rails.
Dimension: 236 x 80 x 8mm. The chassis's ROF is not tapered from the rear axis.
Material: 45 kg/mm² tensile strength hot rolled steel.

SUSPENSION

Front: 1400 x 80 with double acting shock absorber.
Rear: 1600 x 80.

BRAKES

Air/Hyd Brakes: Dual air line separates front and rear axles.
Parking: Spring brakes fitted to rear axle.
Lining Dimensions:
Front: 400 x 120.
Rear: 400 x 155.
Emergency Brake: Spring brakes acting on rear axle.
Auxiliary Brakes : Exhaust shutter type.

FRONT AXLE

Model: Nissan Diesel FA40.

Type: Drop forged "I" beam.
Rating: 5500 kg.

STEERING

Type: Nissan Diesel integral power assisted recirculating ball steering box.
Power Assistance: Supplied by gear driven hydraulic pump.
Reduction Ratio: Constant gear ratio 22.42.
Steering Wheel: Soft grip urethane.
Steering Column: Tilt and telescopic.
Turning Circle Dia: 15.4 metres.

ROAD WHEELS

Pressed steel disc of Budd type to JIS specification. 8 stud 162 mm offset 7.50 GS x 22.5. Spare wheel supplied fitted with running tread tyre.

TYRES

Bridgestone 275/70R 22.5 (Option 11R22.5) tubeless radial with running tread. Tyres to owner's specification may be fitted at cost.

CAB

EXTERIOR

Type: Forward control, all steel, welded construction, tilting, fully trimmed "Extra-wide" sleeper cab with bunk and tinted laminated glass windscreen.
Mounting: Fully suspended by way of torsion bars and rubber mounts at the front and leaf spring and shock absorbers at the rear.
Colour: Manufacturers white.

WARNING DEVICES

Dash Lights include: Low oil pressure warning, battery charge warning, high beam and turn signal indicator, exhaust brake indicator, hazard warning indicator, induction air heater indicator, over heat/low water warning, low brake fluid warning, parking brake warning.

Audible Warning Devices include: Overheat, vehicle reversing, low oil pressure, low brake fluid level.

INTERIOR

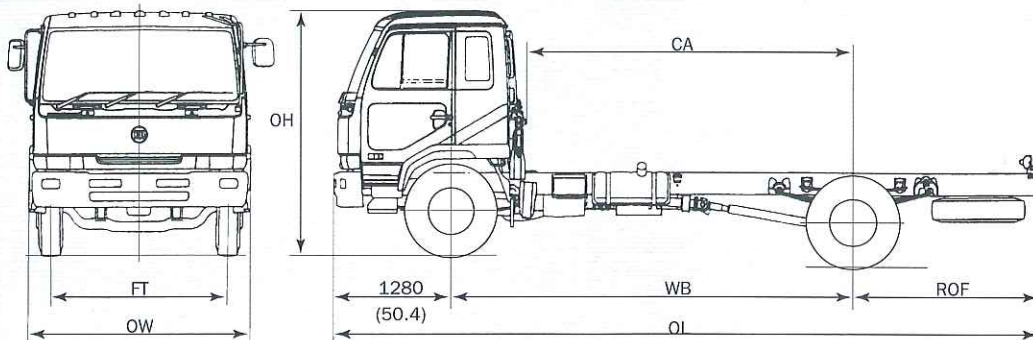
Drivers seat: Cloth trimmed suspension seat with adjustments for height, recline, fore/aft base squab angle and suspension stiffness. An adjustable head rest is included.
Passenger's seat: One cloth trimmed fixed seat with recline and headrest adjustment.
Central seat: One fixed central seat with storage/food tray attached to back rest.
Heater/demister: 23 vent, 3 mode operation with 4 speed fan.
Windscreen wipers: Three arm dual speed with variable intermittent operation.
Windscreen washers: Two twin jet nozzles.
Sun visor: Driver and passenger.
Instruments: Speedometer with odometer and trip meter, tachometer, fuel gauge, water temp gauge, dual reading air gauge.

STANDARD FITMENTS

Tool kit.
 AM/FM CD player stereo radio with 2 speakers.
 Central locking.
 Cigarette lighter.
 Yellow fog lamps.
 Western type rear view mirrors.
 Key engine stop.
 Hazard warning system.
 Halogen head lamps.
 Cornering lamp.
 Bunk bed in rear of cabin.
 Storage compartments in both doors, back

of central seat, passenger's side of dash (lockable), roof lining and under passenger's side of bunk.
 Interior lamps: main courtesy lamp, stairwell lamp, separate adjustable map reading lamp, bunk lamp.

DIMENSIONS



*Weights obtained by weighing a vehicle on a N.Z. Govt. certified weigh bridge with 200 litres of fuel, tool kit and spare tyre. Please note that actual weights will vary from unit to unit.

DIMENSIONS (mm)										KERB WEIGHTS (kg)*		
Model	Wheel Base	OL	ROF	CA	OH	OW	FT	RT	Frame Width	Front Axle	Rear Axle	Total
PK205	5150	8825	2395	4330	2680	2375	1900	1800	860	2530	1810	4340

THIS SPECIFICATION SHEET APPLIES TO VEHICLES SUPPLIED BY UD TRUCK DISTRIBUTORS (NZ) LTD FOR THE NEW ZEALAND MARKET FROM OCTOBER 2002.



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In accordance with Nissan Diesel Motor Co Ltd policy of continuous improvement, the right is reserved to change specifications without notice.