

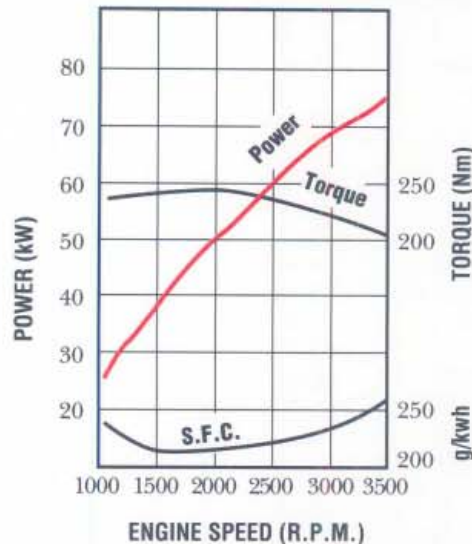
# NPR 200 SHORT

GVM: 4490kg  
GCM: 6490kg  
WHEELBASE: 2765mm

# 200

## ISUZU 4BE1 ENGINE PERFORMANCE

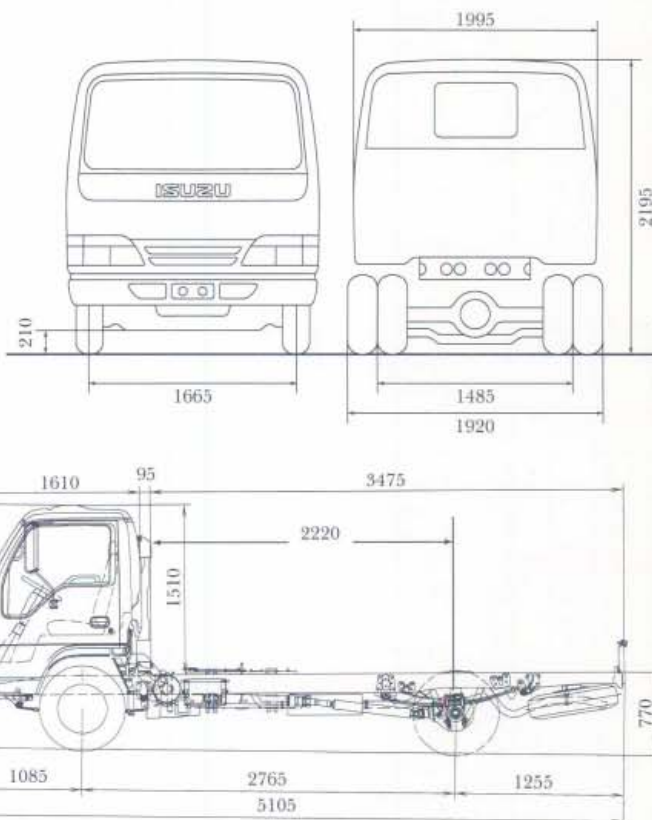
- Type: 4 cylinder OHV diesel, four stroke, direct injection
- Bore x Stroke: 105 x 105 mm
- Displacement: 3636cc
- Compression Ratio: 17.5:1
- Output -  
Power:  
75 kW @ 3500 rpm (DIN Nett)  
Torque:  
242 Nm @ 2000 rpm (DIN Nett)



## DIMENSIONS AND WEIGHTS

ESTIMATED KERB MASS (kg)	
FRONT	1460
REAR	640
TOTAL	2100
FRAME WIDTH (mm)	750
TURNING CIRCLE (m)	
Kerb to Kerb	9.8
BODY LENGTH (mm)	3840
Subject to weight distribution	
RECOMMENDED MAX. BODY WIDTH (mm)	2300

Chassis and cab with oil, water and fuel tank containing 10 litres of fuel.



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# NPR 200 SHORT

ORDERING CODE:  
8NQ02-111

# 200

## ENGINE - ISUZU 4BE1

### Lubrication:

- Pressure feed lubrication with full flow paper element and partial flow sub filter. Capacity 7.5 litres including filter.

### Cooling System:

- Eight blade plastic cooling fan, size 400 mm diameter, with thermatic clutch.
- Tube and corrugated fin pressure type radiator. Size (mm) 547 h x 471 w x 54 t. Frontal area 0.258 m<sup>2</sup>.

## FUEL SYSTEM

- Cartridge type paper element air cleaner with resonator, mounted under cab floor, with vertical air intake stack mounted behind cab.
- In line plunger, Bosch 'A' type fuel injection pump with mechanical all speed governor. In line paper filter. Fuel/water sedimentor with warning lamp.
- Fuel tank capacity 95 litres.
- Horizontal exhaust muffler and outlet pipe, with anti-rust coat.

## CLUTCH

- Hydraulic control, dry single plate with diaphragm spring, asbestos free clutch plate, 275 mm diameter. Total lining area (both sides) 679 cm<sup>2</sup>.

## TRANSMISSION ISUZU MSA5G

- Five speed overdrive, synchromesh with remote control short gear shift lever. Gear ratios: 1  
1st 5.788  
2nd 2.998  
3rd 1.594  
4th 1.000  
5th 0.776  
Reverse 5.798
- Single piece propeller shaft, 82.6 mm diameter, length 1209 mm.
- Maximum geared speed 106 km/h.

## REAR AXLE - CAPACITY 4000 KG

- Banjo type, fully floating, single reduction. Ratio 5.857:1.
- Hypoid type ring gear, 292 mm diameter. Oil capacity 3 litres.

## REAR SUSPENSION - CAPACITY 4000 KG

- Semi elliptical, alloy steel, tapered multi leaf springs, with fully wrapped eye and metalastic bushes.
- Size:  
length - width x thickness; no. leaves  
Main:  
1250 - 70 x 11 mm - 4 leaves  
Auxiliary:  
850 - 70 x 9 mm - 4 leaves
- Hydraulic, double acting, telescopic shock absorbers, bias mounted.

## FRONT AXLE - CAPACITY 2400 KG

- Reverse Elliot I-beam type. King pin diameter 30 mm with cylindrical roller thrust bearing.

## FRONT SUSPENSION CAPACITY 2350 KG

- Semi elliptical, alloy steel, tapered multi-leaf springs, with fully wrapped eye and metalastic bushes.
- Size:  
length - width x thickness; no. leaves  
1140 - 70 x 9 mm - 6 leaves
- Hydraulic, double acting, telescopic shock absorbers.

## STEERING

- Fully integral, power assisted recirculating ball type.
- Gear ratio 20.9:1.  
Turns lock to lock 5.
- Steering lock.
- Gear driven vane type oil pump. Oil capacity 1.6 litres.
- Lube for life drag link.

## BRAKES

- Hydraulic dual circuit, vacuum assisted, front two leading, rear dual two leading (auto. adj.). Drum diameter front and rear 320 mm. Total swept area 3016 cm<sup>2</sup>.
- Asbestos free lining material. Width 75 mm.
- Mechanical park brake, internal expanding at rear of transmission. Lever beside seat.
- Butterfly, vacuum controlled exhaust brake system. Activation switch on wiper/washer control stalk.
- Load sensing proportioning valve.

## CHASSIS FRAME

- Ladder type, channel section, cold rivetted.
- Side member dimensions  
173 x 65 x 6 mm.

## WHEELS AND TYRES

- 5.50 F x 16 - 5 stud disc wheel, 16 mm bolt size. 115 mm offset.
- 7.00 R - 16 LT - 8 ply Yokohama (highway tread) tyres.
- Number of tyres, 7 including spare.
- Winch type spare wheel carrier at rear.

## ELECTRICAL SYSTEM

- Batteries - 2 x 12 volt - 60 amp/h, negative earth.
- Alternator - 24 volt - 25 amp.
- Starter motor - 24 volt - 3.5 kW output.
- Rear stop and tail lamps with long leads for variable body mounting.
- Back-up warning beeper and lamps.

## CAB EXTERIOR

- All steel cab, manual tilt to 45°.
- Aluminium non-slip entry steps.
- West Coast type rear view mirrors with clearance lamps.
- Access to fluid checks without tilting cab.
- Tinted, laminated windshield bonded in position, 2 speed wiper/4 jet washer, with intermittent mode.
- 4 rectangular semi-sealed beam headlamps.

- Combination turn signal and park lamps.
- Plastic wheel house liner.

## CAB INTERIOR

- Adjustable and reclining driver's bucket seat with lumbar support, 2 place passenger bench seat with folding back.
- Fire resistant cloth seat material.
- Retractable lap/sash seat belts on out-board seats, lap belt on inboard seat.
- Driver and passenger sun visors, padded roof lining.
- 90° opening, internally reinforced doors, double sealed.
- Tilt telescopic adjustable steering column with soft feel urethane steering wheel.
- Easy access pull down fuse cover.
- Easy entry grab handles on 'A' pillar.
- Windshield washer tank located under glove compartment.
- Heater demister with 4 speed fan.
- AM/FM Stereo radio cassette with digital clock, dash mounted.
- Tool kit with 4000 kg capacity jack.
- Engine access hatch in floor.
- Optional air conditioning.

## INSTRUMENTATION

- Electronically driven speedometer with odometer and trip meter.
- Tachometer, electronically driven.
- Gauges for coolant temperature and fuel level.

## INDICATOR LAMPS

- Turn signals, parking brake on, high beam on.

## WARNING LAMPS

- Battery charge, oil pressure, brake failure, fuel level, coolant level, glow plug and water separator.

## SWITCHES

- Left side combination switch for exhaust brake, wipers and washer. Intermittent wipe, washer activated.
- Right side combination switch for turn signals and headlamps.
- Hazard switch.
- Key operation for engine stop start with quick cold start aid.
- Three way switch for interior lamp activated by driver and passenger doors.
- Fast engine warm-up control.
- Fast engine idle control.