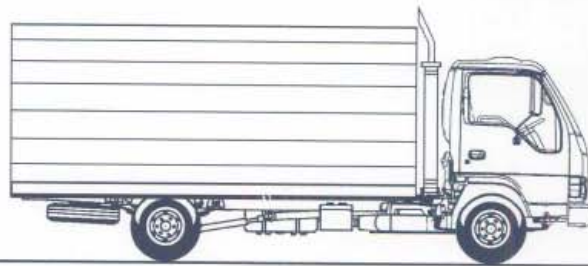


# ISUZU NPR 400

## MEDIUM/LONG



### ENGINE ISUZU 4HF1

**Type:** 4 cylinder, four stroke, overhead camshaft, direct injection, diesel.

**Bore x Stroke:** 112 mm x 110 mm.

**Displacement:** 4334 cc.

**Compression Ratio:** 19.0 : 1.

**Output - Power:** 85 kW @ 3200 RPM (DIN Nett)

**Torque:** 285 Nm @ 1800 RPM (DIN Nett)

### CLUTCH

- Hydraulic control dry single plate with diaphragm spring.
- Asbestos free clutch plate 300 mm diameter. Total lining area 847 cm<sup>2</sup>.

### TRANSMISSION ISUZU MXA5R

- 5 speed overdrive, synchromesh with remote control short gear shift lever.
- Gear ratios (: 1)
 

1st	2nd	3rd	4th	5th	Rev
4.987	2.870	1.594	1.000	0.728	4.774
- Maximum geared speed 116 km/h.
- Propeller shaft: NPR 400 Medium: Single piece, 82.6 mm diameter, length 1196 mm.
- Propeller shaft: NPR 400 Long: Two piece, 82.6 mm diameter. Length: 1st section, 1280 mm; 2nd section, 946 mm.

### REAR AXLE - CAPACITY 5000 KG

- Banjo type, fully floating, single reduction. Ratio 6.142:1.
- Hypoid type ring gear, 292 mm diameter. Oil capacity 3 litres.

### BRAKES

- Hydraulic dual circuit, vacuum assisted, front two leading, rear dual two leading with automatic adjustment.
- Drum diameter front and rear 320 mm. Total swept area 4019 cm<sup>2</sup>.
- Asbestos free lining material. Width 100 mm.
- Mechanical park brake, internal expanding at rear of transmission. Lever beside driver's seat.
- Butterfly, vacuum controlled exhaust brake system. Activation switch on wiper/washer control stalk.
- Load sensing proportioning valve.

MODEL	WHEELBASE	GVM	GCM	ORDERING CODE
NPR 400 MEDIUM	3365mm	7300kg	9300kg	8NS02-22H
NPR 400 LONG	3815mm	7300kg	9300kg	8NT02-221

### KERB MASS (kg)\*

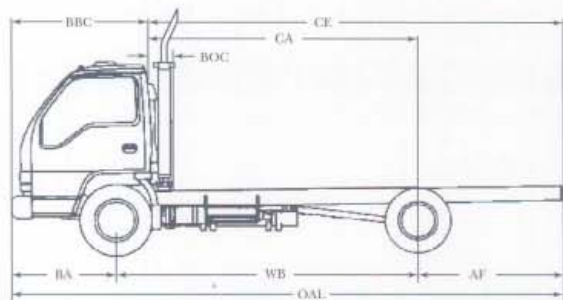
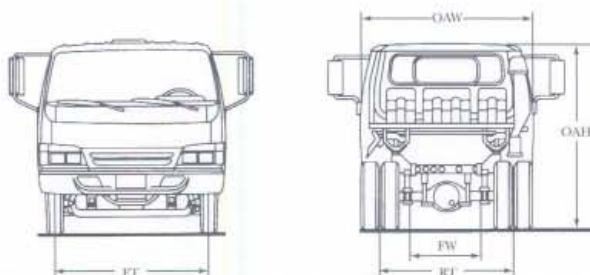
	FRONT	REAR	TOTAL
NPR 400 MEDIUM	1415	775	2190
NPR 400 LONG	1425	785	2210

\*Estimated mass of chassis cab with oil, water and fuel tank containing full tank of fuel. Excluding spare wheel and tools.

### DIMENSIONS (mm) \*

	NPR 400 MEDIUM	NPR 400 LONG
BBC Bumper to Back of Cab	1610	
CE Cab to End of frame	4345	4995
CA Cab to Axle	2845	3285
BOC Back of Cab to Air/Exhaust Clearance	200	
BA Bumper to front Axle	1085	
WB Wheelbase	3365	3815
OAL Overall Length	5955	6610
AF Rear Axle to end of Frame	1505	1710
OAW Overall Width	1995	
OAH Overall Height	2220	
FW Frame Width	750	
RT Rear Track	2000	
FT Front Track	1525	
Turning Circle *(Kerb to Kerb)	12.4	14.4
Nominal Max. Body Length *	4570	5330

\*Except Turning Circle: metres. \*Subject to weight distribution



ISUZU GENERAL MOTORS AUSTRALIA LTD (G.M.A.) 300 000 WARRANTY. Subject to the conditions of the G.M. New Vehicle Warranty, every Isuzu 3 Tonnes Truck carries a warranty which covers your vehicle for the first 24 months or 50,000 kms (whichever comes first) or 100,000 kms (whichever comes last), plus an unlimited kms concurrently with the new vehicle warranty, as does a 30 months unlimited kilometers cab corrosion warranty. PLEASE NOTE: at the expiry of G.M.'s use of commercial product improvement, all specifications and equipment are subject to change without notice. Any body alteration to not standard equipment. The G.M. dealer or other person is authorized as mentioned in this or other use, movement, operation or undertaking in relation to the quality, performance, characteristics, description of items, fit and use of any G.M. product or in connection with the supply of any G.M. product which is at variance with any written statement, insertion, or undertaking in any of those documents as made by G.M. in its published sales literature, and the company accepts no liability for any such unauthorised work. G.M. has approved dealers in many parts of Australia for the sale of service, parts and the provision of service to the owners of G.M. products. Every endeavour is made to ensure that such dealers carry adequate stocks of service parts and are equipped in terms of facilities, vehicles, and tools for prompt, efficient service that is obtained on the G.M. new vehicle warranty. For each party or service facilities will be available or available in any specific location at any particular time. We would stress this specific time limit. We have tried to make it as comprehensive and factual as possible. However, since the time of printing some of the information you will find here may have been updated. Also, some of the equipment shown or described through this specification sheet may have been changed and/or is available in other's case. And the right is reserved to make changes at any time without notice, as prices, colours, materials, equipment, and models. Your G.M. dealer has details and before ordering, you should ask dealer to bring you up to date.

# ISUZU

RELIABILITY IS EVERYTHING



## AIR CLEANER

- Cartridge type, 197 mm diameter paper element air cleaner, vertical intake stack with rain head and resonator.

## CHASSIS FRAME

- Ladder type, channel section, cold riveted.
- Side member dimensions 173 mm x 65 mm x 6 mm with 4.5 mm reinforcement.

## COOLING SYSTEM

- Eight blade plastic cooling fan, size 430 mm diameter, with thermatic clutch.
- Tube and corrugated fin pressure type radiator. Size (mm) 520 h x 471 w x 35 t. Frontal area 2447 cm<sup>2</sup>.

## ELECTRICAL SYSTEM

- Batteries - 2 x 12 Volt - 60 Amp/h, negative earth.
- Alternator - 24 Volt - 50 Amp.
- Starter motor - 24 Volt - 4.0 kW output.
- Rear stop and tail lamps with long leads for variable body mounting.
- Reverse warning beeper and lamps.

## EXHAUST SYSTEM

- Horizontal exhaust muffler with vertical exhaust stack.
- Vacuum operated, butterfly type exhaust brake.

## FRONT AXLE - CAPACITY 2700 KG

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

## FRONT SUSPENSION - CAPACITY 2450 KG

- Semi elliptical, alloy steel tapered multi-leaf springs, with fully wrapped eye and metalastic bushes.
- Length x Width x Thickness x No. leaves  
1140 mm x 70 mm x 9 mm x 7
- Hydraulic, double acting, telescopic shock absorbers.

## FUEL SYSTEM

- 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 115 litres.

## LUBRICATION

- Pressure feed lubrication with full flow paper element and partial flow sub filter. Plate type oil cooler in water jacket. Capacity 8.3 litres including filters.

## REAR SUSPENSION - CAPACITY 4800 KG

- Semi elliptical, alloy steel tapered multi leaf springs, with fully wrapped eye and metalastic bushes.
- Length x Width x Thickness x No. leaves  
Main: 1250 mm x 70 mm x 10 mm x 1  
70 mm x 11 mm x 5  
Aux: 850 mm x 70 mm x 9 mm x 1  
70 mm x 10 mm x 4
- Hydraulic, double acting, telescopic shock absorbers, bias mounted.

## STEERING

- Fully integral power assisted recirculating ball type. Gear ratio 20.9:1. Turns lock to lock 5.0.
- Steering lock.
- Gear driven vane type oil pump, oil capacity 1.6 litres.
- Lube for life drag link.

## TOOLS

- Wheel changing tools including 5000 kg capacity hydraulic jack.
- Hand tools in kit bag.

## WHEELS AND TYRES

- 6.00GS x 16 - 6 stud disc wheel, 20 mm stud size, 127 mm offset.
- 7.50R16LT - 12 ply Yokohama (highway tread) tyres.
- Number of tyres, 7 including spare.
- Winch type spare wheel carrier at rear of chassis.

## CAB EXTERIOR

- All steel cab, manual tilt to 45°.
- Aluminium non-slip entry steps.
- West Coast type rear view mirrors with clearance lamps. Convex surface on passenger side mirror.
- 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, 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 outboard 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 to fuses (behind glove compartment door).
- 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.
- Engine access hatch in floor.
- Windshield header shelf.
- Cab roof air vent with fore and aft tilt adjustment.
- 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, exhaust brake activated.

## WARNING LAMPS

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

## CONTROLS

- Left side combination stalk control for exhaust brake, wipers and washer. Intermittent wipe, washer activated.
- Right side combination stalk control 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 idle control.