

# NPR 400

**ISUZU**  
TRUCKS  
For the long run

## ENGINE

Model		4HK1-TCN
Type		TURBOCHARGED & INTERCOOLED
Fuel Injection		COMMON RAIL
Emmision Standard		Euro 2
No. of Cylinders		4
Bore x Stroke	(mm)	115 x 125
Displacement	(cm <sup>3</sup> )	5 193
Compression Ratio	(:1)	18.5
Output	(kW @ r/min)	110 @ 2 600
Output	(hp @ r/min)	148 @ 2 600
Torque	(Nm @ r/min)	404 @ 1 500 - 2 600
Filtration - Fuel:		PRIMARY FILTER WITH WATER TRAP AND SECONDARY FILTER
Filtration - oil:		SINGLE

## CLUTCH

Diameter	(mm)	325
Total Friction Area	(cm <sup>2</sup> )	966
Operation		HYDRAULIC CONTROL

## TRANSMISSION

Make / Model		MY6S
Type		6 Speed synchromesh
Controls		Manual Gearshift
Crawler Gear Ratio	(:1)	N/A
1st Gear Ratio	(:1)	5.979
2nd Gear Ratio	(:1)	3.434
3rd Gear Ratio	(:1)	1.862
4th Gear Ratio	(:1)	1.297
5th Gear Ratio	(:1)	1.000
6th Gear Ratio	(:1)	0.759
Reverse Gear Ratio	(:1)	5.701

## PERFORMANCE

Maximum Speed ( Calculated )	(km/h)	116
Gradeability @ V in 1st Gear (low range)	(%)	32

## SUSPENSION

<b>Front</b> : Multi Leaf Spring	YES
Stabiliser bar	YES
Shock Absorbers - Double acting	YES
<b>Rear</b> : Multi Leaf Main Spring with Helper Spring	YES
Stabiliser bar	NO
Shock Absorbers - Double acting	Yes

## **BRAKES**

System		VAC / HBB
Park Brake		TRANSMISSION
Front		DRUM
Rear		DRUM
ABS		STANDARD
ASR		STANDARD
Auxillary		EXHAUST BRAKE
Auto Slack adjusters		STANDARD
Total Friction Area Front	(cm2)	1340
Total Friction Area Rear	(cm2)	1340

## **STEERING**

Operation		POWER
Ratio	(:1)	18.8-20.9
Adjustable Steering		YES

## **CAB**

Control		FORWARD
Adjustable Drives Seat		YES
Air Suspension Drive Seat		NO
Fixed Assistants Seat and Centre Seat		YES
Heater and Demister		YES
Cigarette Lighter (24V)		YES
Tilt		YES
Tilt Torsion Bar Assistance		YES

## **WHEELS & TYRES**

Type		RADIAL
Tubeless single piece rim		NO
Tyre Size (Front)		7.50-16-12PR
Tyre Size (Rear)		7.50-16-12PR
Wheel Size (Front)		6.0GS
Wheel Size (Rear)		6.0GS
No. of Studs		6

## **FUEL TANK (Lockable)**

Capacity	(Litres)	100
Lockable Fuel Tank Cap		YES

## **FRONT AXLE**

Model		F031
Type : Reverse "Elliot" I-Beam		Yes
Full Floating Axle Control Type		

## **REAR AXLE**

Model		F320
Type : Single banjo, Full Floating, Integral Shaft & Drive Flange		Yes
Final Drive Ratio	(:1)	4.556

## **ELECTRICAL SYSTEM**

System Voltage	(V)	24
Alternator	Amp	50
Starter Motor	kW	4
Batteries		2 X 12V 70Ah

## **AIR INTAKE**

Intake		RR Vertical
Primary Air Filter		YES
Secondary Air Filter		NO
Make:		DONALDSON
Service Indicator		NO

**DIMENSIONS (mm)**

OL – Overall Length	6 635
OW – Overall Width	1 995
OH – Overall Height	2 255
WB – Wheelbase	3 815
FOH – Front Overhang	1 110
ROH – Rear Overhang	1 710
BW – Rear Axle Width	2 115
FT – Front Track	1 680
RT – Rear Track	1 650
EH – Chassis Rear End Height	845
CWF - Front Chassis Width	850
CWR – Rear Chassis Width	850
HH – Rear Ground Clearance	195
CE – Cab to Chassis End	4 952
CA – Cab to Axle	3 242
GP – Minimum Body Gap	115
Turning Circle (curb to curb)	14.12

**MASS DATA (kg)**

Manufacturer's GVM	7 500
Permissible Gross Mass (V)	7 500
Manufacturer's GCM	11 000
Permissible Combination Mass (D/T)	11 000
Front Axle Tare Mass	1 710
Rear Axle Tare Mass	900
Total Tare Mass	2 610
Gross Axle Mass Load - Front (GA1)	3 100
Gross Axle Mass Load - Rear (GA2)	6 600
Permissible Axle Load - Front (A1)	2 900
Permissible Axle Load - Rear (A2)	5 600
Tyre Capacity - Front	2 900
Tyre Capacity - Rear	5 600
Approx. Body & Payload	4 890

**WARRANTY**

New Vehicle	24 MONTHS / UNLIMITED KM
Cab Corrosion	36 MONTHS / UNLIMITED KM

**OPTIONAL**

Aircon	AVAILABLE
PTO Fail Safe system	Compulsary fitment to any operation that requires a PTO
Radio / CD / (24V)	AVAILABLE
Techo Graph	AVAILABLE

**MISCELLANEOUS EQUIPMENT**

Jack, warning triangle, basic tool kit	YES
Owners handbook & service hand booklet	YES
Rear Chevron board	YES

Specifications correct at time of publish. E & OE.

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