

# N-SERIES

# NPR 300



## BASIC DESCRIPTION

Nominal Payload Capacity 3 TONNER

## ENGINE

Model 4HK1-TCN  
Type Turbocharged & Intercooled  
Fuel Injection Common Rail  
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  
Torque (Nm @ r/Min) 404 @ 1,500

## CLUTCH

Type Single Dry Plate  
Diameter (mm) 325

## TRANSMISSION

Model MYY6S  
1<sup>st</sup> Gear Ratio (:1) 5,979  
2<sup>nd</sup> Gear Ratio (:1) 3,434  
3<sup>rd</sup> Gear Ratio (:1) 1,862  
4<sup>th</sup> Gear Ratio (:1) 1,297  
5<sup>th</sup> Gear Ratio (:1) 1,000  
6<sup>th</sup> Gear Ratio (:1) 0,759  
Reverse Gear Ratio (:1) 5,701

## PERFORMANCE

Maximum Speed (km/h) 121  
Gradeability (%) 37

## SUSPENSION

Front / Rear Tapered Leaf Springs

## BRAKES

System VAC / HYD  
Front / Rear Disc / Drum

## STEERING

Ratio (:1) 18.8 – 20.9  
Operation Power

## CAB

Control Forward  
Tilt Yes

## WHEELS & TYRES

Tyre Size (Front / Rear) 7.50 R16-12PR  
Wheel Size (Front / Rear) 6.0 GS

## FUEL TANK

Capacity (Litres) 100

## FRONT AXLE

Model F031

## REAR AXLE

Model		F320
Final Drive Ratio	(:1)	4.300

## ELECTRICAL SYSTEM

System	(v)	24
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## DIMENSIONS (mm)

Overall Length	(OL)	5,985
Overall Width	(OW)	1,995
Overall Height	(OH)	2,265
Wheelbase	(WB)	3,365
Front Overhang	(FOH)	1,110
Rear Overhang	(ROH)	1,510
Rear Axle Width	(BW)	2,115
Front Track	(FT)	1,680
Rear Track	(RT)	1,650
Chassis Rear End Height	(EH)	845
Front Chassis Width	(CWF)	850
Rear Chassis Width	(CWR)	850
Rear Ground Clearance	(HH)	195
Cab to Chassis End	(CE)	4,302
Cab to Axle	(CA)	2,792
Minimum Body Gap	(GP)	115

## MASS DATA (kg)

Gross Vehicle Mass	(GVM)	6,200
Permissible Gross Mass	(V)	6,200
Gross Combination Mass	(GCM)	9,700
Permissible Combination Mass	(D/T)	9,700
Front Axle Tare Mass	(kg)	1,670
Rear Axle Tare Mass	(kg)	850
Total Tare Mass	(kg)	2,520
Gross Axle Mass Load - Front	(GA1)	3,100
Gross Axle Mass Load – Rear	(GA2)	6,000
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		3,680

## STANDARD ACROSS THE N-SERIES RANGE

- All engines are turbocharged and Intercooled
- 4 Cylinder common rail engines
- Hydraulically assisted single clutch plate
- The suspension is semi-elliptical, alloy steel tapered leaf spring system with double acting telescopic shock absorbers
- Park brake acts on the transmission
- Power steering with tilt & telescopic adjustment
- Cab tilt feature
- Radial tyres
- 24 Volt electrical system
- ABS on all models, except on NPS 4x4
- All Models are covered with an industry-leading 24 month, unlimited mileage warranty

## NOTES

- The Smoother models referred to as AMT (Automated Manual Transmission) are electronically controlled clutchless manual, not a full automatic transmission.
- Isuzu Trucks SA has a 24 hour, 365 days a year roadside assistance.
- Visit our website at [www.isuzutrucks.co.za](http://www.isuzutrucks.co.za)