

N-SERIES

NQR 500



BASIC DESCRIPTION

Nominal Payload Capacity 5 TONNER

ENGINE

Model 4HK1-TCN
Type Turbocharged & Intercooled
Fuel Injection Common Rail
No of Cylinders 4
Bore x Stroke (mm) 115 x 125
Displacement (cm³) 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
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 (km/h) 107
Gradeability (%) 32

SUSPENSION

Front / Rear Tapered Leaf Springs

BRAKES

System HBB
Front / Rear Disc / Drum

STEERING

Ratio (:1) 18.8 – 20.9
Operation Power

CAB

Control Forward
Tilt Yes

WHEELS & TYRES

Tyre Size (Front / Rear) 225/70 R19.5
Wheel Size (Front / Rear) 6.0

FUEL TANK

Capacity (Litres) 100

FRONT AXLE

Model F031

REAR AXLE

Model		F320
Final Drive Ratio	(:1)	5.125

ELECTRICAL SYSTEM

System	(v)	24
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DIMENSIONS (mm)

Overall Length	(OL)	7,355
Overall Width	(OW)	1,995
Overall Height	(OH)	2,275
Wheelbase	(WB)	4,175
Front Overhang	(FOH)	1,110
Rear Overhang	(ROH)	2,070
Rear Axle Width	(BW)	2,150
Front Track	(FT)	1,680
Rear Track	(RT)	1,670
Chassis Rear End Height	(EH)	855
Front Chassis Width	(CWF)	850
Rear Chassis Width	(CWR)	850
Rear Ground Clearance	(HH)	205
Cab to Chassis End	(CE)	5,672
Cab to Axle	(CA)	3,602
Minimum Body Gap	(GP)	115

MASS DATA (kg)

Gross Vehicle Mass	(GVM)	8,500
Permissible Gross Mass	(V)	8,500
Gross Combination Mass	(GCM)	12,000
Permissible Combination Mass	(D/T)	12,000
Front Axle Tare Mass	(kg)	1,810
Rear Axle Tare Mass	(kg)	990
Total Tare Mass	(kg)	2,800
Gross Axle Mass Load - Front	(GA1)	3,100
Gross Axle Mass Load – Rear	(GA2)	6,600
Permissible Axle Load – Front	(A1)	3,100
Permissible Axle Load – Rear	(A2)	6,600
Tyre Capacity – Front		3,800
Tyre Capacity – Rear		7,200
Approx. Body & Payload		5,700

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