

# HINO BUS Series

# HINO PONCHO



**ADR 80/03 Model**

\*Illustration may contain items not standard to the model

## KEY FEATURES

- Australian DDA Compliant
- Ultra Low Floor
- WABCO ECAS – Including Easy Access Kneeling
- Wheelchair Access
- 19 Seats Including Driver
- Anti-lock Braking System (ABS)
- Combination Air & Leaf Suspension (Front & Rear)
- Emergency Exits RHS, Roof Hatch & Break Glass Window
- Full Automatic Transmission
- Hino Stop Start System (HSSS)

## KEY SPECIFICATIONS

- GVM** . . . . . 7,710kg
- Engine** . . . . . 5.1 litre, common rail, direct injection  
turbocharged and intercooled
- Power** . . . . . 180Hp
- Torque** . . . . . 530Nm
- Transmission** . . . . . 5 speed automatic



# Hino Poncho

## Engine, Driveline & Chassis specifications

### ENGINE

|                         |  |
|-------------------------|--|
| Model                   | J05E-TS  |
| Max output (ISO Net)    | 180Hp/132kW @ 2500RPM  |
| Max torque (ISO Net)    | 530Nm/54.0kgf-m @ 1500RPM  |
| Max engine speed        | 2900RPM  |
| Number of cylinders     | 4  |
| Type                    | Diesel, inline overhead cam and fluid cooled, rear mounted and east west configuration |
| Induction               | Turbocharger & intercooler   |
| Combustion type         | Direct injection with EGR  |
| Bore & stroke           | 112mm x 130mm  |
| Piston displacement     | 5.123L   |
| Viscos cooling fan      | Equipped   |
| Exhaust                 | Horizontal (rear facing)   |
| Emission control system | EGR & DPR meeting ADR 80/03 using Euro 5 STD   |

### TRANSMISSION & DRIVE LINE

|                         |   |                   |
|-------------------------|---|-------------------|
| Type                    | Full Automatic                                      |                   |
| Make                    | Aisin   |                   |
| Model                   | A500  |                   |
| Control                 | Cable/electronic                                    |                   |
| Torque convertor ratio  | 2.5:1   |                   |
| Number of forward gears | 5   |                   |
| Ratio's                 | 1 . . . . .3.463                                    | 4 . . . . .1.000  |
|                         | 2 . . . . .2.024                                    | 5 . . . . .0.807  |
|                         | 3 . . . . .1.476                                    | Reverse. . .4.179 |
| Transfer case           | Gear type with idler, 1:1 ratio                     |                   |
| Transverse gearbox      | 90 degree mitre box with bevel gears, 1.036:1 ratio |                   |

### PERFORMANCE

|                                   |            |
|-----------------------------------|------------|
| Engine RPM @ 80 km/h              | 2170       |
| Speed limited to (km/h)           | 80         |
| Gradeability tan $\theta$ % @ GVM | 60         |
| Final drive ratio                 | 4.333 to 1 |

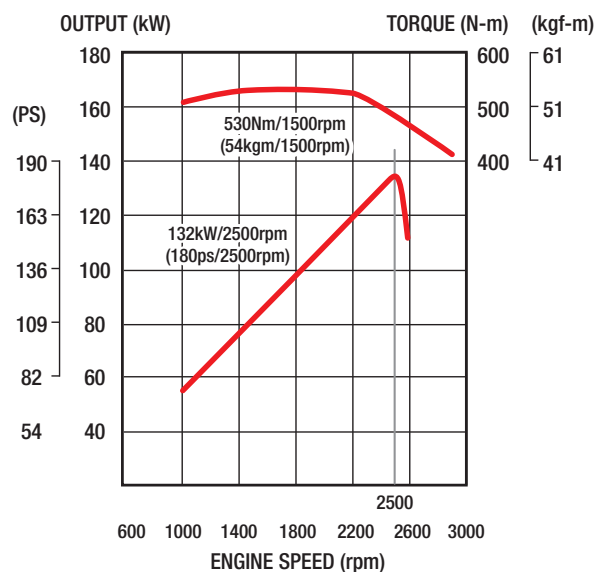
### BRAKES

|                                |   |
|--------------------------------|---|
| Type                           | AOH (Air over hydraulic ) Drum              |
| Drum diameter front and rear   | 320mm                                       |
| Air drier                      | Equipped                                    |
| Anti-lock Braking System (ABS) | Equipped                                    |
| Park brake                     | Drum type fitted to output of transfer case |
| Exhaust brake                  | Equipped                                    |

### FUEL TANK

|              |                           |
|--------------|---------------------------|
| Construction | All steel and rectangular |
| Capacity     | 100L                      |

### POWER & TORQUE CHART (ISO Net) J05E TS



### AXLE, SUSPENSION & LOAD LIMITS

|       |                                   |   |
|-------|-----------------------------------|---|
| FRONT | Front axle model & type           | Reverse Elliott I-Beam  |
|       | Suspension                        | Air bag & leaf spring with shock absorber & stabiliser                                |
|       | Axle limit (including suspension) | 3,200   |
|       | Tyre Limit                        | 2,800   |
| REAR  | Rear axle model & type            | SH12, fully floating, single reduction, single speed by Hypoid gears                  |
|       | Suspension                        | Air bag & leaf spring with shock absorber & Electric Controlled Air Suspension (ECAS) |
|       | Axle limit (including suspension) | 6,700   |
|       | Tyre limit                        | 5,280   |

### STEERING

|                |   |
|----------------|---|
| Type           | Telescopic & tilt steering column with locking device |
| Range          | 9 degree tilt & 55mm vertical range                   |
| Steering box   | Integral power steering                               |
| Gear ratio     | 18.6:1  |
| Steering angle | 52 degree inside                                      |
|                | 37 degree outside                                     |

### ELECTRICAL EQUIPMENT

|                |                           |
|----------------|---------------------------|
| System voltage | 24V                       |
| Batteries      | Main 2 x 12V 110Ah        |
|                | Sub 2 x 12V 41Ah (sealed) |
| Alternator     | 90A                       |
| Starter        | 24V x 4.5kW               |
| Idle stop      | Equipped                  |
| Headlamps      | Halogen                   |

### WHEELS & TYRES

|                 |                             |
|-----------------|-----------------------------|
| Wheel type      | 5 stud disc wheel (JIS)     |
| PCD             | 203.2mm (8")                |
| Rim size in mm  | 17.5 x 5.25 with 115 offset |
| Tyre size       | 205/80R17.5 120/118 LT      |
| Number of tyres | 6                           |



# Hino Poncho

## Operator & Saloon Specifications

### SALOON FEATURES

|                                  |                      |
|----------------------------------|----------------------|
| Saloon heater                    | Optional             |
| Saloon air conditioner           | Equipped             |
| Single sliding access door       | LHS front            |
| Emergency access door            | RHS Rear             |
| Emergency roof hatch             | Equipped             |
| Sensitive edge door              | Equipped             |
| Next stop alert buttons          | Equipped             |
| Kneeling function                | Equipped             |
| 850mm access door                | STD                  |
| Ultra low floor access           | Equipped             |
| High head clearance              | STD                  |
| Wheel chair ramp                 | STD                  |
| 2 x 20W saloon lights            | Equipped             |
| Entry light                      | Equipped             |
| Door area sensor & warning light | STD                  |
| Seat Trim                        | CAMIRA ADDA65 (Blue) |

### DRIVERS FEATURES

|                                 |   |
|---------------------------------|---|
| Drivers area heater/demister    | Equipped                                  |
| Drivers seat                    | 3 way adjustable (Factory Blue)           |
| Reversing buzzer                | Equipped                                  |
| Reversing camera                | Equipped                                  |
| Internal rear view mirror       | Equipped                                  |
| External rear view mirrors      | Equipped                                  |
| HSSS (idle stop)                | Equipped                                  |
| Electric over air door controls | Equipped                                  |
| Neutral only door opening       | Equipped                                  |
| One piece windscreen            | Equipped                                  |
| Audio/visual display            | DAB+ AM/FM radio with CD and Bluetooth    |
|                                 | Optional GPS Satellite Navigation Package |

### CONTROLS & SWITCHES

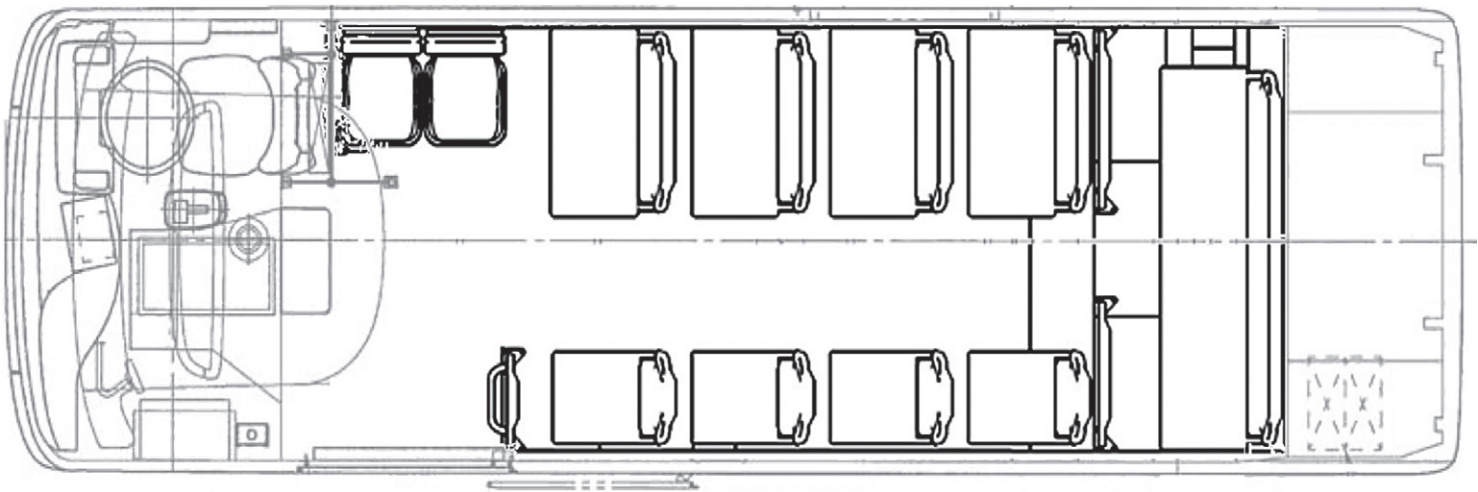
|   |  |
|---|--|
| Raise & lower suspension height control | Saloon A/C & heater control switches                 |
| Door controls                           | Idle stop OFF switch                                 |
| Combination lighting                    | Idle stop foot control cancel switch                 |
| Combination windscreen washer/wiper     | Windscreen demister & driver heater control switches |
| Engine exhaust brake                    | DPR regeneration                                     |
| Battery isolation                       |  |
| Fast warm up                            |  |

### GAUGES

|                      |                          |
|----------------------|--------------------------|
| Speedo & tachometers | Engine temperature gauge |
| Fuel gauge           | Air pressure gauges      |
| Gear position        |                          |

### SALOON LAYOUT

18 seats with provision for a wheelchair and 8 standees  
Note that this layout is a schematic and not to scale





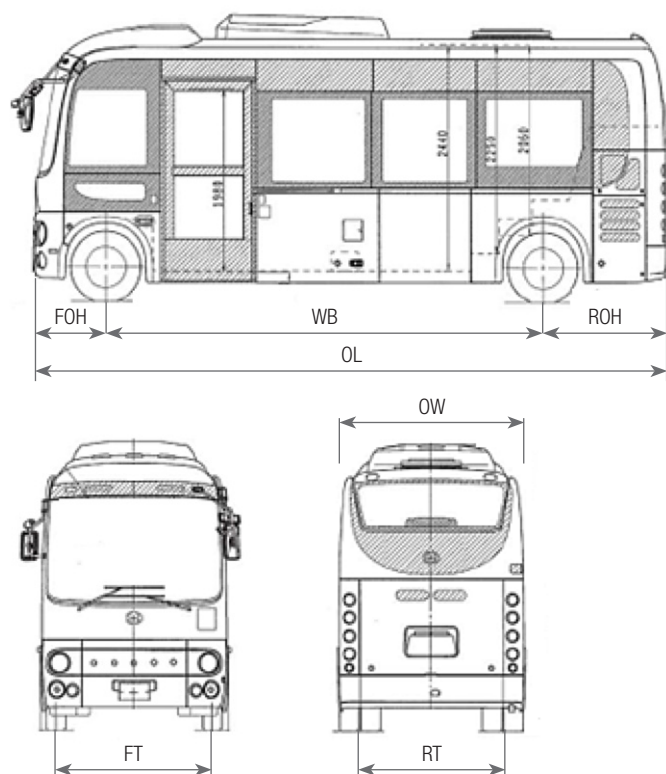
# Hino Poncho

## Dimensions & Warranty

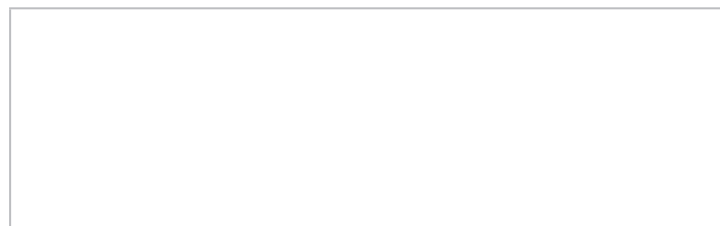
# BUS Series

### DIMENSIONS – mm/capacities

|   |             |
|---|-------------|
| Model   | Poncho Bus  |
| Product code  | HX9JLKE-FWU |
| Overall bus length (OL)   | 6,990       |
| Wheelbase (WB)  | 4,825       |
| Overall width (OW)  | 2,080       |
| Overall height (OH)   | 3,100       |
| Front overhang (FOH)  | 775         |
| Rear overhang (ROH)   | 1,360       |
| Front track (FT)  | 1,720       |
| Rear track (RT)   | 1,575       |
| Turning circle kerb to kerb   | 15,600      |
| Indicative chassis mass not including seats or fitout – kg (subject to a $\pm 3\%$ tolerance) |             |
| Total   | 5,620       |
| Front   | 1,520       |
| Rear  | 3,838       |
| GVM   | 7,710       |



### DEALERSHIP



### WARRANTY

New vehicle warranty period

| Bus           | Axle configuration | Standard warranty<br>(whichever comes first) | Power train warranty<br>(whichever comes first) | Cab corrosion perforation |
|---------------|--------------------|--|---|---------------------------|
| <b>PONCHO</b> | 4 x 2              | 3 years or 100,000km                         | 4 years or 100,000km                            | 36 months                 |

Battery warranty – 12 months from date of delivery

\* For conditions, refer to the Hino Parts & Service warranty brochure

Genuine parts or accessories warranty – 3 years unlimited kilometres when fitted by an authorised Hino dealer \*



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