

1. Dimension, Weight Specifications

Vehicle	COUNTY	
Drive type	LHD, 4 x 2	
Body type	STANDARD	LONG
Suspension type	RIGID	
Dimensions (mm)		
Overall Length	6,293	7,028
Overall Width	1,873	
Overall Height	1,724	
Wheel Base	3,350	4,085
Wheel tread	Front	1,705
	Rear	1,495
Overhang	Front	1,173(1,122 : frame)
	Rear	1,770(1,658 : frame)
Min. Ground Clearance	195	
Weight(Kg)		
Engine	D4AL / D4DC, D4DB / D4DD	D4AL / D4DA, D4DB, D4DC / D4DD
Empty Vehicle Weight		1,905 / 1,955 / 1,990
	Front	1,080 / 1,125 / 1,150
	Rear	825 / 830 / 855
Gross Vehicle Weight**		6,360
	Front	2,260
	Rear	4,100

**Max. GVW includes the front & rear axle loads based on the permissible tire load.

Annotations

- 1) Empty vehicle weight shown are to 3.5% variation to allow for production tolerance.
- 2) Empty vehicle weight includes weight of oil, fuel, coolant and spare tire carrier & bracket, spare tire but exclude standard tool set.
- 3) This vehicle specifications may differ per country.
- 4) For further information please contact the commercial vehicle export teams of HMC .
- 5) In order that product improvement may be introduced at any time, specifications are subject to change without prior notice.

2. Chassis Specifications

Body type	STANDARD/LONG				LONG	
Engine & Power train						
Model	D4DC	D4AL	D4DB	D4DD	D4AL	D4DA
Type	Natural Aspiration	Turbo Charger Intercooler				
	4 stroke-cycle, water-cooled, direct-injection diesel engine					
Number of Cylinder	4 in-line					
Piston Displacement (cc)	3,907	3,298	3,907		3,298	3,907
Bore x Stroke (mm)	104 x 115	100 x 105	104 x 115		100 x 105	104 x 115
Compression Ratio	18.1 : 1	17.5 : 1	18 : 1	17.5 : 1	16.5 : 1	18.5 : 1
Max. Power** (ps/rpm)	General	-	-	-	-	-
	Euro I	120 / 3,200	-	-	-	115 / 3,400
	Euro II	-	115 / 3,000	130 / 2,900	-	-
	Euro III	-	-	-	140 / 2,800	-
Max. Torque** (kg.m/rpm)	General	-	-	-	-	-
	Euro I	30 / 2,000	-	-	-	29 / 2,000
	Euro II	-	30 / 1,800	37 / 1,600	-	-
	Euro III	-	-	-	38 / 1,600	-
Cooling System	General	Wax-pellet & bottom bypass type with thermostat , Water-cooling, Forced circulation by centrifugal water pump				
	Cooling fan	Polyamid & Suction type				
	Radiator	Corrugated fin and tube type with pressure cap and condenser tank				
Electrical System	Battery	24V-70AH (24V-100AH: Cold Region only, 90 AH : OPT)				
	Alternator	24V-40A (70A : OPT)				
	Starter	24V-5.0kW				
Fuel System	Injection pump	DooWon in-line type	Denso in-line type	Denso Common rail system	DooWon in-line typ	Denso in-line type
	Governor	All speed type			-	All speed type
	Fuel filter	Spin-on type				
Oil System	Lubrication	Forced lubrication by gear pump				
	Oil filter	Combination (Full flow and bypass) filter with paper element				
	Oil cooler	Shell-and-plate type	Shell-and-tube-type	Shell-and-plate type	Shell-and-tube-type	Shell-and-plate type
	Oil grade	API classification service CF-4 or above				
Clutch						
Type	Vacuum assisted Hydraulic control, Single dry plate, Pre-Damper					
Facing material	Non-Asbestos					
Facing Size (mm); Outside dia. x Inside dia.	ø275 x ø180		ø300 x ø190		ø275 x ø180	ø300 x ø190
Transmission						
Model	M3S5 (O.D)		M035S5 (O.D)		M3S5 (O.D)	M035S5 (O.D)
Type	5 Forward and 1 reverse speed, over drive					
Gear Ratio	1st	5.181		5.380		5.181
	2nd	2.865		3.028		2.865
	3rd	1.593		1.700		1.593
	4th	1.000		1.000		1.000
	5th	0.739		0.722		0.739
	Reverse	5.181		5.380		5.181
T.G.S.(Transmission Gear Shift)	Floor shift , Mechanical remote control					

**Max torque and power of engine specifications may vary according to each country.

2. Chassis Specifications

Body type	STANDARD/LONG		LONG		
Propellershaft					
Model	P3				
Type	Tubular, Forged steel ends with universal joint needle roller bearing				
Size (Length x Diameter)	ø76.2 x 2.6 t				
Rear Axle					
Model	D2H II	D2H II / D2H	D3H	D2H II / D2H	D3H
Type	Full floating type				
Capacity (kg)	4,100				
Final Reduction Gear	Type	Single Reduction, Hypoid gear			
	Ratio	6.142	6.142/6.333	5.375	6.142/6.333
Front Axle					
Type	Reverse Elliot type "I" beam				
Capacity (kg)	2,600				
Tire & Wheel					
Type	Single Front, Dual Rear				
Tire	Front/Rear	7.00x16-10PR(Standard Body), 7.00x16-12PR(Long Body)			
Wheel size	Front/Rear	5.50F x 16 - 115 - 8T			
Steering					
Type	2-Spoke, Ball-nut type, Tilt & Telescopic steering column				
Steering Wheel Diameter	410				
Tilting Angle	55.5°~62.2°				
Telescopic Stroke (mm)	28.6				
Turning Angle	Inner	42.8°			
	Outer	32.8°			
Brake					
Service Brake	type	Hydraulic with vacuum servo assistance, dual circuit			
	Drum diameter	ø320			
	Lining size (mm)	Width x Lining thickness			
		Front	85 x 10		
Rear	85 x 10				
Parking Brake	type	Integral expanding type on propeller shaft at the rear of transmission			
	Size	M3S5 : ø180 x 35 x 5 , M035S5 : ø190 x 45 x 4			
Exhaust Brake	Vacuum operated, butterfly valve type				
Suspension					
Type	Front / Rear	Semi-elliptic, laminated leaf springs with shock absorber			
Spring Size	Dimension(mm)	Span x Width x Thickness - EA			
	Front	1,200 x 70 x 11 t - 2, 12t - 3			
	Rear	1,360 x 70 x 11t - 5, 12t - 2			
Stabilizer bar	Front/Rear	Torsion bar type			
Shock absorber	Hydraulic double acting telescopic type on the front & rear axles				
Air filter					
Type	Cyclonic dry paper element				
Fuel tank					
Capacity	95 liter				
Material	Steel				
Frame					
Type	Channel sectional with reinforce & cross members. Side rail is reinforced with outer stiffeners.				
Main section side rail(mm)	170 x 55 x 6 t				

3. Instrument grouped on dash panel

Instruments

Meter cluster	<ul style="list-style-type: none"> - Speedometer - Odometer - Trip meter - Fuel gauge - Coolant temperature gauge - Engine Tachometer
Warning lamp & indicators	<ul style="list-style-type: none"> - Oil pressure warning lamp - Vacuum warning lamp - Battery charging warning lamp - Beam indicator lamp - Directional indicator & hazard pilot lamp - Parking brake warning lamp - Exhaust brake indicator - Over heat warning lamp - Brake oil level warning lamp - Low fuel warning lamp - Glow indicator
Switches	<ul style="list-style-type: none"> - Lighting directional indicator & dimmer switch - Starter switch - Cold start switch - Wiper & washer switch - Hazard lamp switch - Exhaust brake switch
Others	<ul style="list-style-type: none"> - Throttle control knob - Horn button

BARE CHASSIS

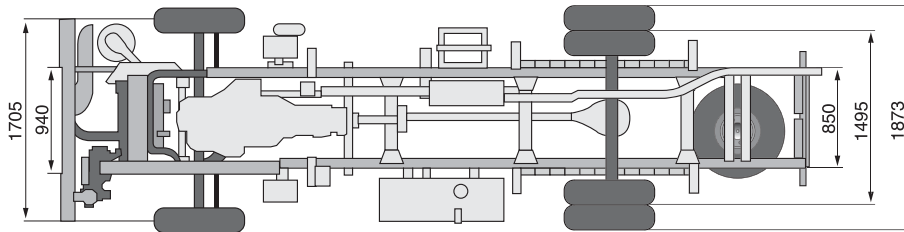
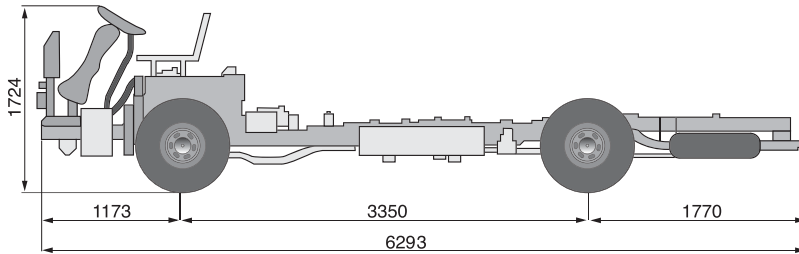
4. Electrical system Specification

Electrical Equipment

Type	24 volt negative earth	
Batteries	Number per vehicle: two series-connection earth 24V	
Alternator	Type: with built-in rectifier and separate voltage regulator	
Headlamps	High/low beam 75/70W x 2	
Directional indicator & Hazard lamps	Front: 21W x 2	Rear: 21W x 2
Licence plate lamp	12W x 2	
Stop/tail lamps	21/5W x 2	
Back-up lamp	21W x 2	

5. Dimensions

Standard



Long

