



Specifications

Hino Motors, Ltd.
TOKYO, JAPAN

SPECIFICATIONS

Spec. No. SS-XZ355
Drawing No. CDRXZ348



HINO 300 Series

4x2, Truck Chassis

- RHD
- 110 kW (Euro-4)
- 5.5 ton GVMR
- Wide Cab

RATINGS & AXLE LOAD LIMIT (kg)

	GVM	Front Axle	Rear Axle
Ratings	5,500	2,600	4,400
Axle Load Limit	195/75R16C 110/108	2,120	4,000

CHASSIS DIMENSIONS (mm) : All dimensions are to standard specifications and unladen chassis

Model	HINO 3615	
Production Code	XZU415R-HKMMDW3	
Application	General Use	
Wheelbase	3,430	
Overall Length	6,120	
Overall Width	OW	1,995
Overall Height	OH	2,165
Cab to Axle Center	2,840	
Rear Overhang	1,645	
Front Chassis Height	HF	655
Rear Chassis Height	HR	725
Road Clearance	155	
Front Tread	FT	1,665
Rear Tread	RT	1,480
Turning Radius on Tire	5,800	
Turning Radius Wall to Wall	6,480	

CHASSIS MASS (kg) : Chassis mass quoted is to standard specifications without spare tire & std. tool set

Chassis Mass	(Total)	2,325
	(Front)	1,550
	(Rear)	755

PERFORMANCE & GEAR RATIOS : Calculations based on 5.5 ton GVMR

Max. Speed (km/h)	128	
Gradeability tan (%)	47.0	
Transmission Gear Ratio	Model	M550
	1st	4.981
	2nd	2.911
	3rd	1.556
	4th	1.000
	5th	0.738
	Rev.	4.625
Rear Axle Gear Ratio	Model	SH12
	Gear Ratio	4.333

EQUIPMENTS

SS-XZ355

ENGINE		PARKING BRAKE	
1.Model	N04C TW	1.Type	Mechanical, internal expanding acting on transmission output shaft
2.Max. output;(ISO NET)	110 kW (150 PS) at 2,700 r/min	2.Drum diameter x Lining width	177.8 x 35 mm
3.Max. torque;(ISO NET)	397 N·m (40.5 Kgf·m) at 1,800 r/min	EXHAUST BRAKE	
4.Max. engine speed	3,200 r/min	1.Type	Electric-vacuum actuator with valve in exhaust pipe
5.Type	Diesel, 4-cy., vertical, 4-cyl., in-line, overhead valve, water cooled	STEERING	
6.Combustion system	Direct injection type	1.Type	Telescopic and tilt steering column with locking device, recirculating ball with hydraulic booster integral type
7.Bore and stroke	104 x 118 mm	2.Gear ratio	20.9
8.Piston displacement	4.009 L	FRONT SUSPENSION	
9.Compression ratio	18.0	1.Type	Semi-elliptic tapered leaf springs with silencers, shock absorbers and stabilizer
10.Engine oil capacity	5.9 L	2.Dimensions of springs Span x Width	1,250 mm X 70 mm
11.Fuel injection system	Electronic control commonrail type	REAR SUSPENSION	
12.Air intake system	Turbo-intercooled, stack type air intake, air intake cooler	1.Type	Semi-elliptic main and auxiliary tapered leaf springs with silencers and shock
Air cleaner	Paper element	2.Dimensions of springs Main springs Span x Width	1,300 mm X 70 mm
13.Fan clutch	Equipped	Auxiliary springs Span x Width	900 mm X 70 mm
14.DPR (Diesl Pariculate active Reduction system)	Equipped	WHEELS AND TIRES	
15.Engine air intake heater	Equipped	1.Wheel type	5-stud disc wheel
CLUTCH		2.Tire & Rim size	195/75R16C 110/108 (16x5.5K-113mm)
1.Type	Dry single plate, diaphragm type with damper springs	3.Number of tires	Seven (7) numbers (including one spare tire)
2.Facing material	Semi-mold	4.Spare tire carrier	Equipped
3.Facing outside diameter	325 mm	FUEL TANK	
4.Facing lining area	483 x 2 cm ²	1.Capacity	100 L (EC type)
5.Control	Hydraulic with vacuum booster	2.Cap key	Equipped
TRANSMISSION		3.Pre-fuel filter & sedimenter	Equipped
1.Type	Five forward and one reverse speeds, overdrive, synchromesh 1st-5th	CHASSIS FRAME	
2.Control	Mechanical	1.Type	Ladder-shaped channel section side rails
PROPELLER SHAFT		2.Chassis width at rear	750 mm
1.Tube outside diameter x thickness	82.6 x 2.3 mm	3.Max. section (depth x flange x thickness)	191 x 65 x 5.0 mm
FRONT AXLE		4.Tensile strength	540 N/mm ² {55 kgf/mm ² }
1.Type	Reversed Elliot, "I" section beam	5.Towing hooks	Equipped at front and rear
REAR AXLE		6.Front bumper	Painted cab color steel type with FUP (Front Underrun Protector)
SERVICE BRAKE		7.Rear bumper	Equipped
1.Type	Hydraulic system with disc brake for front and rear		
2.Control	Vacuum servo hydraulic with hydraulic assist, dual circuits		
3.Wheel brake ass'y			
Front: Disc diameter	296 mm		
Pad effective area	78 cm ² x 2		
Rear: Disc diameter	281 mm		
Pad effective area	72 cm ² x 2		
4.ABS (Antilock Brake System)	Equipped		

CAB			
1.Type	Forward control, all steel welded construction with torsion bar tilt mechanism, fully trimmed	Beam indicator lamp Engine control failure warning lamp Fuel level warning lamp Fuel filter water accumulating level warning lamp Brake oil level warning lamp Buck-up warning buzzer Cab tilt warning lamp Seat belt warning lamp & buzzer ABS system failure warning lamp SRS air bag system failure warning lamp Engine heating indicator lamp	
2.Windshield glass	Laminated glass		
3.Seating capacity	Three		
4.Driver seat	2-way adjustable, urethane foam pads, high-back seat with seat back suspension and lumbar support		
5.Assistant seat	Fixed, urethane foam pads, high-back seat	3.Switches Lighting switch Directional indicator, dimmer and passing switch Rear fog lamp switch Room lamp switch Hazard lamp switch Wiper and washer switch Exhaust brake switch Warm up switch Headlamp leveling switch DPR switch	
6.Seat cover	Fabric cover		
7.Seat belt			
Driver's seat	3-point type with ELR and pre-tension		
Assistant's seat	3-point type with ELR and pre-tension		
Center passenger's seat	2-point type with ELR		
8.Sun visor	Two, for driver and assistant's side	4.Others One-key starting-stopping Horn button Engine revolution control for body equipment (With electric idle volume) Harness for tachograph	
9.Windshield wipers	Electric, dual wipers, intermittent and 2-speed		
10.Ventilator	Forced type by electric blower		
11.Outside rear view mirrors	Two, Movable flat type (EC type long stay)		
12.Inside rear view mirror	One, flat type (EC type)		
13.Cigarette lighter	Equipped		
14.Car audio	Not equipped (Antena + 2 Speakers only)		
15.Car heater and defroster	Equipped		
16.Air conditioner	Equipped		
17.Auto door lock	Equipped for assistant		
18.Power window	Equipped		
19.SRS air bag	Equipped for driver and assistant		
20.Seat back console	Equipped (center)		
21.Overhead console	Two for driver and assistant		
22.Radiator grill	Painted same color as cab		
22.Others			
Ash tray	1-pc (without lamp)		
Door pocket (Both side)	Equipped		
Assist. grip	Equipped		
Coat hook	Equipped		
Card holder	Equipped		
Pen holder	Equipped		
Cup holder	Equipped		
INSTRUMENTS		ELECTRICAL EQUIPMENT	
1.Meter and gauges		1.Type	24 volt, negative earth
Mile/km-kg system		2.Batteries	
Speedometer with odometer and 2 trip meters		Number per vehicle	12 V x 2, series-connection
Fuel gauge		Capacity	288 kC {80 A·h} at 20-hour rate
Coolant temperature gauge		Battery cover	Equipped
Engine tachometer		3.Alternator	
2.Warning, pilot lamps and buzzers		Type	With built-in rectifier and voltage regulator
Turn signal & hazard indicator lamp		Capacity	24 V - 60 A
Exhaust brake indicator lamp		4.Starter	
Engine oil pressure warning lamp		Type	Pinion shift
Battery charge warning lamp		Capacity	24 V, 4.5 kW
		5.Headlamps (EC type)	Semi-sealed beam, halogen, 2-head lamps
		High/Low beam	75/70 W x 2
		6.Fog lamps	70 W x 2
		7.Rear fog lamp	21W x 1
		8.Clearance lamps (EC type)	5 W x 2
		9.License plate lamps	10 W x 2
		10.Stop/Tail lamps	21/5 W x 2
		11.Back-up lamps	21 W x 2
		12.Direction indicator and hazard lamps	
		Front & Side	21 W x 2, 21 W x 2
		Rear	21 W x 2
		13.Room lamp with personal lamps	8 W x 1 + 8 W x 2
		14.Horn	Electric horn
		15.Diagnoses Connector	Equipped
		16.DC/DC converter	12V

OPTIONAL EQUIPMENT			
1.Engine revolution control for body equipment	Equipped (Electric idle volume and lever)	3.P.T.O control	Equipped
2.Transmission P.T.O	25 kg·m	4.Tire & wheel size	195/85R-16 111/109L (16x5.50K-113mm)
		5.Car audio	AM/FM radio with CD player (2 Speakers)

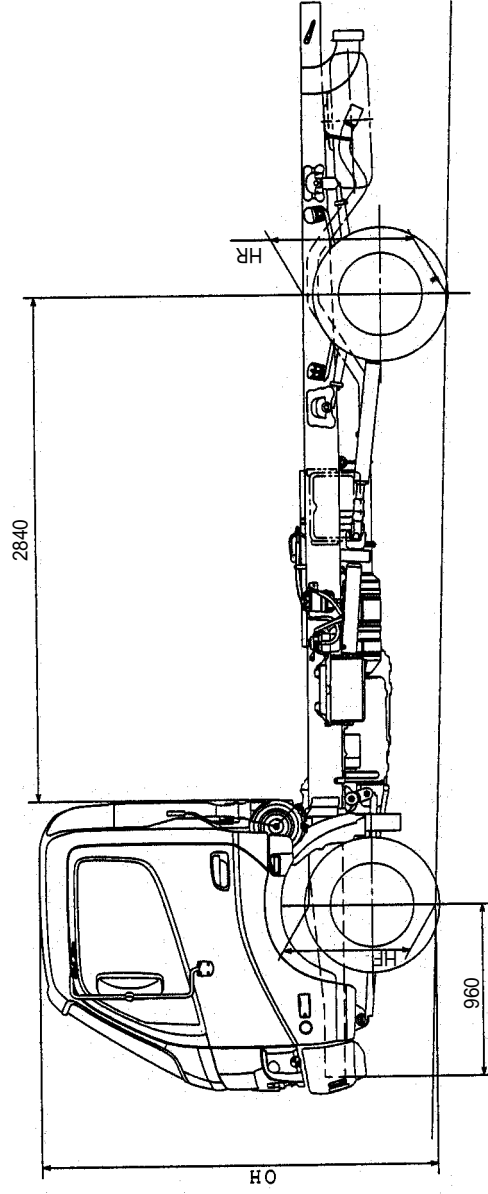
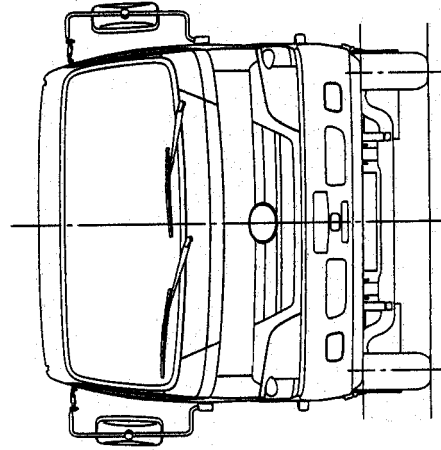
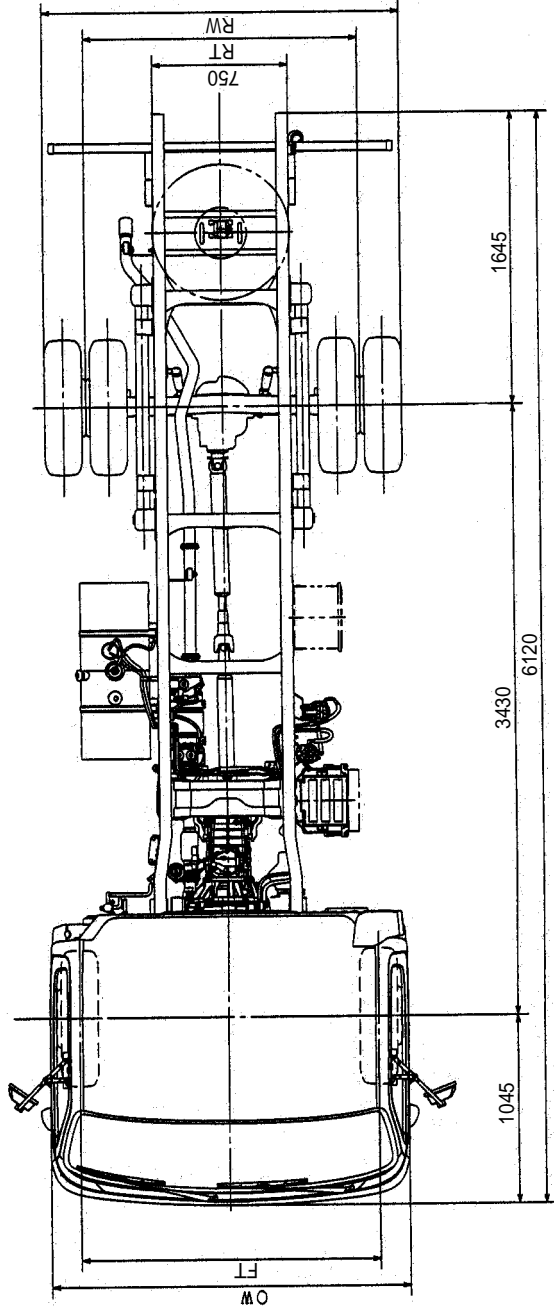
Note: All specifications of the products are with normal manufacturing allowances and tolerances.

Hino Motors, Ltd. reserve the right to alter specifications at any time without previous notice.

Figures of axle capacity can be changed by the operating conditions and specifications of equipments concerned.

When selecting optional equipment, consult Hino technical staff as the adaptation of some of the optional equipment on production line may require an extra lead time.

MODEL	TIRE	DICK SIZE	DIMENSION(mm)						
			OH	HF	HR	FT	RT	OW	RW
XZU415R-HKMMBW3	195/75R16C	16 X 5.5K-113	2165	655	725	1665	1480	1995	1900
XZU415R-HKFQDW3	215/75R17.5	17.5 X 6.00-127	2200	690	775	1655	1520		1985
XZU415R-HKFRDW3			2215	705	800				



MODEL

HINO XZU415R-HKMMBW3 / HKFQDW3 / HKFRDW3 CHASSIS

DRAWING No.

CDRXZ348

REMARKS

- 1) The vehicle mass may be varied with optional equipments & items.
- 2) All Specifications of the products are with normal manufacturing allowance and tolerances.
- 3) Hino Motors,Ltd. reserves the right to alter this specification without notice.
- 4) For every 1,000 meters of altitude the engine performance and grade ability shall be decreased by approx. 10%.

Hino Motors,Ltd.

OVERSEAS BUSINESS PLANNING DIVISION