



ROYAL ECONOMY

BH115E / BH120E



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BH120E

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2 x 2 Seat arrangement



2 x 2 Seat arrangement with middle door

INTERIOR



Till & Telescopic steering wheel



Sunvisor



Toilet (option)



Inside rack - Mood lamp (option)



TV & VTR (option)



Gradual parking brake (option)



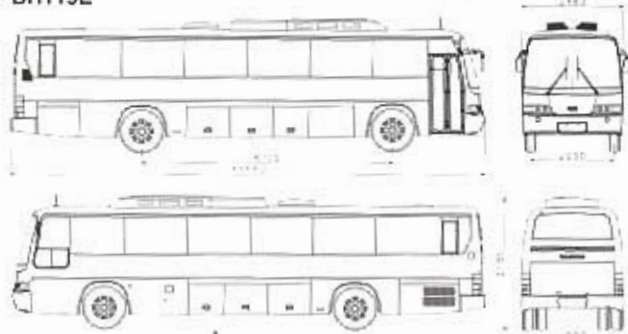
Hot & cold cabinet (option)



Air pressure switch

BH115E / BH120E STANDARD SPECIFICATION

BH115E



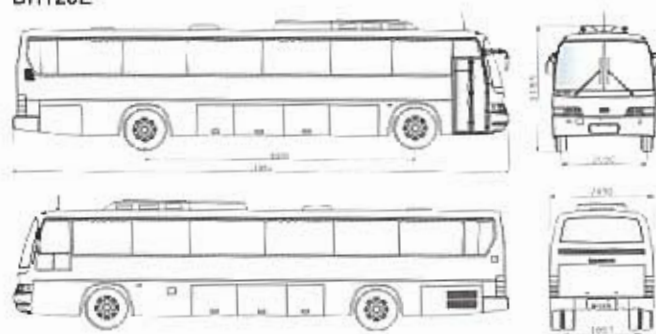
45 + 1



43 + 1



BH120E



45 + 1



49 + 1



Major Specifications

BODY STRUCTURE	RIVETLESS SKELETON, STEEL BODY
STEERING POSITION	LEFT HAND DRIVE
ENGINE MOUNTING	REAR
PASSENGER CAPACITY	45 + 1 PERSONS

External Dimensions (mm)

	BH115E	BH120E
OVERALL LENGTH	11,550	11,950
OVERALL WIDTH	2,490	2,490
OVERALL HEIGHT	3,185	3,185
WHEEL BASE	6,100	6,500
BODY OVERHANG (FRONT)	2,270	2,270
BODY OVERHANG (REAR)	3,180	3,180
TREAD (FRONT)	2,050	2,050
TREAD (REAR)	1,853	1,853

Internal Dimensions (mm)

	BH115E	BH120E
INSIDE LENGTH	10,685	11,085
INSIDE WIDTH	2,370	2,370
INSIDE HEIGHT	1,970	1,970

Weight (kg)

	BH115E	BH120E
PERMISSIBLE G.V.W	16,500	16,500
CURB WEIGHT	11,150	11,250
G.V.W	14,140	14,630

Performance

	BH115E	BH120E
MAX SPEED	116km/h	107km/h
MIN TURNING RADIUS	11.5m	12.1m
GRADEABILITY(TAN θ)	0.27	0.33

Frame

MONOCOQUE TYPE

Engine

	BH115E	BH120E
MODEL	DE12, DIESEL	DE12T, DIESEL
TYPE	4 CYCLE WATER COOLED	
NO. OF CYLINDER	6, IN-LINE	
BORE & STROKE	123 X 155mm	
DISPLACEMENT	11,051cc	
MAX HORSE POWER	BH115E : 225ps/2,200rpm	BH120E : 300ps/2,200rpm
MAX TORQUE	BH115E : 81.5kg.m/1,400rpm	BH120E : 110kg.m/1,300rpm
COMPRESSION RATIO	17 : 1	
AIR CLEANER	DRY SINGLE PAPER ELEMENT	

Transmission

GEAR BOX	5 FORWARD & 1 REVERSE					
	1st	2nd	3rd	4th	5th	REV
BH115E	5.405	3.447	1.739	1.000	0.738	5.650
BH120E	6.589	4.002	2.430	1.507	1.000	6.888

SUSPENSION

SEMI ELLIPTICAL ALLOY STEEL HEAVY DUTY LEAF SPRING
WITH HYDRAULIC DOUBLE ACTING TELESCOPIC SHOCK ABSORBER
STABILIZER BAR AT FRONT & REAR

Wheel & Tire

TIRE	10.00-20-16PR TUBE TYPE
WHEEL	7.00T-20 WHEEL

Steering

OPERATION	RECIRCULATED BALL WITH INTEGRAL POWER ASSISTED BY OIL
GEAR RATIO	22.4 : 1
STEERING COLUMN	TILT & TELESCOPIC
STEERING WHEEL	2 SPOKE WHEEL WITH HORN BUTTON

Air Service

AIR PRESSURE	9.0kg/cm ²
AIR TANK	MAIN 50L, BRAKE 25L + 35L
AIR TAP FOR TIRE INFLATION	
AIR DRYER	

Brake

SERVICE BRAKE	FULL AIR DUAL CIRCUIT BRAKE SYSTEM
DRUM SIZE	FRONT 410mm, REAR 410mm
LINING (wt)	FRONT 155/19mm, REAR 220/19mm
LINING MATERIAL	NON-ASBESTOS
PARKING BRAKE	SPRING ACTUATOR AT REAR WHEEL
	SPRING CHAMBER TYPE
AUXILIARY BRAKE	EXHAUST BRAKE-AIR OPERATED

Clutch

TYPE	DRY SINGLE PLATE WITH COIL SPRING DAMPER
FACING DIMENSION	OUTSIDE DIAMETER 430mm, THICKNESS 5mm
MATERIAL	NON-ASBESTOS

BH115E / BH120E STANDARD SPECIFICATION

Axle		Glass	
FRONT AXLE		WINDSHIELD	2 SECTION UPPER TINTED LAMINATED
TYPE	REVERSE ELLIOT T BEAM	SIDE WINDOW	HALF OPENING TYPE TEMPERED GREEN
CAPACITY	6,000kg	REAR WINDOW	1 SECTION FIXED TYPE TEMPERED CLEAR
REAR AXLE		DRIVE WINDOW	SLIDING TYPE TEMPERED CLEAR
TYPE	BANJO FULL FLOATING	Door	
CAPACITY	10,500kg	ENTRANCE / EXIT DOOR	FRONT
FINAL GEAR RATIO	BH115E : 39/8(4.875) HYPOID	TYPE	2 SECTION INWARD FOLDING TYPE
	BH120E : 39/10(3.9) HYPOID	OPERATING	ELECTRICALLY CONTROLLED AIR ASSIST
Fuel Tank		Entrance Step	
320L		NUMBER OF STEP	2 STEP
Horn		MATERIAL	FLOOR-PLAIN STEEL+MAT. WALL-STAINLESS
ELECTRIC TYPE		STEP MOULDING	ALUMINUM
Wiper Arm & Motor		Floor	
STEEL, VARIABLE SPEED (TIME DELAY RELAY)		STEPPED FLOOR	
Electrical		18mm(AISLE) 15mm(STEP) THICKNESS PLYWOOD WITH SMALL COIN PATTERN P.V.C MAT	
BATTERY	12V DC/MF-200AH 2PIECE	Audio	
ALTERNATOR	24V DC/120AMP	STEREO W/O ECHO TYPE	AM/FM RADIO, CASSETTE STEREO,
STARTER	24V DC/6.0KW		7 SPEAKERS
Meter & Gauge		ANTENNA	ROOF HIGH
TACHOGRAPH (ELECTRICAL WITHOUT RPM GAUGE)		STICK MIC & JACK	
AIR PRESSURE GAUGE		Interior Equipments	
FUEL GAUGE		DEFROSTER	HOT AIR
VOLTMETER		ROOF RACK (INSIDE)	ONE PIECE TYPE
TACHOMETER (RPM METER)		ENT. & DRIVER SEPARATOR	F R P
WATER TEMPERATURE GAUGE		CEILING HANDLE	P.V.C COATING PIPE(1 ROW)
ENGINE OIL PRESSURE GAUGE		ENTRANCE HANDLE	P.V.C COATING PIPE
		CURTAIN PROTECTOR	ELASTIC CORD
		DRIVER CONSOLE BOX	
Seat		Accessories	
DRIVER SEAT		BUMPER(FRONT & REAR)	F.R.P
TYPE	AIR SUSPENSION TYPE	OUTSIDE REAR VIEW MIRROR	CONVEX MIRROR
UPHOLSTERY	CLOTH COVERING	TOWING HOOK	FRONT & REAR
SAFETY BELT	3 POINT WITH ALARM	FIRE EXTINGUISHER	ABC TYPE (3.3kg)
PASSENGER SEAT		SUNSHADE	CURTAIN TYPE(LH/RH)
TYPE	RECLINE TYPE	BATTERY STORAGE	STEEL COMPARTMENT
UPHOLSTERY	VINYL LEATHER COVERING	VENTILATOR	3 LARGE MANUAL HATCHES ON ROOF
SAFETY BELT	BUTTON TYPE	EMERGENCY HAMMER	4EA
OTHERS	GRIP, CUP HOLDER, POCKET	TOOL SET	

BH115E / BH120E OPTION SPECIFICATION

Options

ENGINE	<input type="checkbox"/> DE12TI (310ps/125kgf.m)	<input type="checkbox"/> Front swing entrance door	<input type="checkbox"/> Inside rack - Clear lamp
	<input type="checkbox"/> DE12TIS (310ps/125kgf.m, EURO II)	<input type="checkbox"/> Emergency door	<input type="checkbox"/> Inside rack - Mood lamp
	<input type="checkbox"/> DL08 (310ps/125kgf.m, EURO III)	<input type="checkbox"/> Middle folding exit door	<input type="checkbox"/> Outside roof rack & Ladder
	<input type="checkbox"/> DV11 (340ps/145kgf.m, EURO III)	<input type="checkbox"/> Rear folding exit door	<input type="checkbox"/> Toilet (on floor type)
	<input type="checkbox"/> GE12TI (310ps/125kgf.m, CNG)	<input type="checkbox"/> Acceleration lock (middle)	HVAC
CHASSIS		<input type="checkbox"/> Acceleration lock (rear)	<input type="checkbox"/> Roof on cooler (24,000 / 26,000 / 28,000 kcal/h)
<input type="checkbox"/> RHD		<input type="checkbox"/> Driver door	<input type="checkbox"/> Auto ventilator
<input type="checkbox"/> Auto T/M		SEAT	<input type="checkbox"/> Passenger heater <input type="checkbox"/> Preheater
<input type="checkbox"/> Speed limiter		<input type="checkbox"/> Passenger seat - Cloth covering	ELECTRICAL
<input type="checkbox"/> Tire-11.00R-20-16PR <input type="checkbox"/> Tire-11.00-20-16PR		<input type="checkbox"/> Conductor seat - Folding type	<input type="checkbox"/> 14" TV & VCR
<input type="checkbox"/> Tire-11.00R-20-16PR <input type="checkbox"/> Tire-11R22.5-16PR		<input type="checkbox"/> 37+1 (front door)	<input type="checkbox"/> 15" LCD TV & VCR, folding-middle
<input type="checkbox"/> Tire-12R22.5-16PR		<input type="checkbox"/> 39+1 (front/middle door, on floor toilet)	<input type="checkbox"/> 17"/20" LCD TV & VCR
<input type="checkbox"/> Auxiliary 110liter fuel tank		<input type="checkbox"/> 41+1 (front door)	<input type="checkbox"/> 'V' type TV antenna
<input type="checkbox"/> Automatic drain valve		<input type="checkbox"/> 41+1 (front/middle door)	<input type="checkbox"/> 'UFO' type TV antenna
<input type="checkbox"/> Coolant corrosion inhibitor filter		<input type="checkbox"/> 43+1 (front door, on floor toilet)	<input type="checkbox"/> Analog clock
<input type="checkbox"/> Air pressure check tap		<input type="checkbox"/> 49+1 (front door)	<input type="checkbox"/> Digital clock
<input type="checkbox"/> Anti freeze pump <input type="checkbox"/> Air gun set		TRIM	<input type="checkbox"/> Water cooler & tank
<input type="checkbox"/> Alternator-180AMP <input type="checkbox"/> Auto slack adjuster		<input type="checkbox"/> Small half opening type - Side window	<input type="checkbox"/> Hot & cold cabinet
<input type="checkbox"/> ABS & ASR <input type="checkbox"/> Auto greaser		<input type="checkbox"/> Large half opening type - Side window	<input type="checkbox"/> Carvision (back eye camera)
<input type="checkbox"/> Heavy duty radiator (without fan clutch)		<input type="checkbox"/> Colored glass - Bronze	<input type="checkbox"/> Stop button buzzer
<input type="checkbox"/> Twin air horn		<input type="checkbox"/> Destination board - Front, Small	<input type="checkbox"/> Kitchen board
<input type="checkbox"/> Dual air cleaner filter element		<input type="checkbox"/> First aid box	<input type="checkbox"/> Stereo double deck type
BODY		<input type="checkbox"/> Curtain assembly - General	<input type="checkbox"/> Earphone set
<input type="checkbox"/> Stainless steel (STS side & rear)		<input type="checkbox"/> Curtain assembly - Peacock	<input type="checkbox"/> Tachograph (with RPM)
		<input type="checkbox"/> Inside rack - One piece	