

# SCHOOL BUS

## 1100 FE



**BMC**

# 1100 FE SCHOOL BUS

## ENGINE

MAKE / MODEL	CUMMINS ISBe4 160B ( EURO 4+ )
TYPE	Turbocharged intercooler, diesel
NUMBER OF CYLINDERS	4
TOTAL DISPLACEMENT	4,5 lt
MAXIMUM POWER	160 PS (118 kW) @ 2500 rpm
MAXIMUM TORQUE	600 Nm @ 1500 rpm

## FUEL INJECTION

MAKE / MODEL	BOSCH / HPCR
FUEL TANK CAPACITY	210 lt

## GEAR BOX

MAKE / MODEL	ALLISON 2500
NUMBER OF GEARS	5 forward, 1 reverse automatic

## FRONT AXLE

TYPE, CAPACITY	"I" section, forged steel, 5200 kg
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## REAR AXLE

MAKE / TYPE	DANA 9.24
NUMBER OF SPEEDS	Single Speed
AXLE RATIO	4.88 : 1
CAPACITY	9000 kg

## STEERING SYSTEM

STEERING BOX MAKE / MODEL	HEMA (ZF) 8043
TYPE	Servocom type, hydraulic

## BRAKE SYSTEM

TYPE	Full air dry type service brake, air actuated spring hand brake, ABS / ASR
RETARDER	Retarder

## SUSPENSION

FRONT AXLE	Parabolic spring (2) , shock absorbers (2)
REAR AXLE	Parabolic spring (2) , shock absorbers (2)
ANTI-ROLL BAR	Front and rear

## CHASSIS

PROFILE TYPE	"C" section steel profile type
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## TYRES

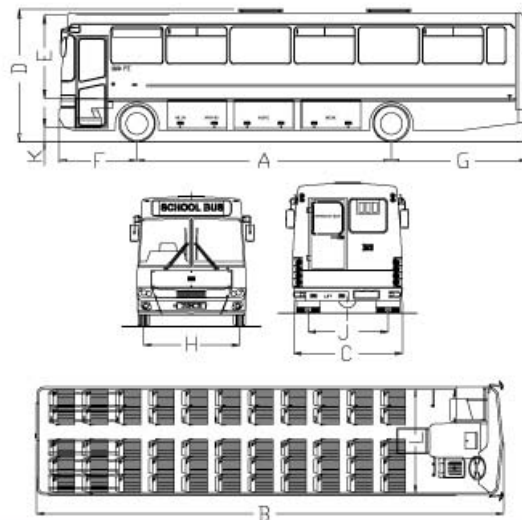
265 / 70R 19.5, 6+1 tubeless

## RIMS

7,50 x 19,5, 8 studs

## ELECTRICAL SYSTEM

VOLTAGE	24 V, negative (-) ground
BATTERIES	2 x 12 V , 150 A
ALTERNATOR	24 V , 90 A
STARTER MOTOR	24 V



## DIMENSIONS (mm)

A : Wheelbase	5850
B : Overall length	10810
C : Overall width	2517
D : Overall height	3000
E : Inner height	1930
F : Front overhang	1820
G : Rear overhang	3130
H : Front track	1906
J : Rear track	1755
K : First step height	270
L : Inner width	2390
- : Number of steps	3

## WEIGHTS (kg)

Kerb weight	9230
Payload	3570
Max. permissible total weight, front	4950
Max. permissible total weight, rear	7850
Gross vehicle weight	12800

## PASSENGER CAPACITY

55 sitting + 1 driver

## PERFORMANCE

Gradeability (at GVW) (%)	35
Max. speed at level road (kph)	89.5
Turning radius (mm)	11900

## STANDARD ACCESSORIES

Radio / CD Player, speaker  
Disabled access lift  
Manual destination board (front, rear, side)

54DS210005 BASKI 2 - The manufacturer reserves the right to modify design and specifications without prior notice.

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