

# CONDOR

# SCHOOL BUS



**BMC**

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## ENGINE

MAKE/MODEL	CUMMINS ISBe4 225B ( EURO 4+ )
TYPE	Turbocharged intercooler, diesel
NUMBER OF CYLINDERS	6
TOTAL DISPLACEMENT	6.7 lt
MAXIMUM POWER	225 PS (165 kW) @ 2500 rpm
MAXIMUM TORQUE	850 Nm @ 1500 rpm

## FUEL INJECTION

MAKE / MODEL	BOSCH / HPCR
FUEL TANK CAPACITY	250 lt

## GEAR BOX

MAKE / MODEL	VOITH D 854.5E
NUMBER OF GEARS	4 forward, 1 reverse automatic

## FRONT AXLE

TYPE, CAPACITY	ZF RL 85A Portal Cap , 8500 Kg
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## REAR AXLE

MAKE / TYPE	MERITOR 177E
NUMBER OF SPEEDS	Single Speed
AXLE RATIO	5.63 : 1
CAPACITY	11200 kg

## STEERING SYSTEM

STEERING BOX MAKE / MODEL	HEMA (ZF) 8098
TYPE	Servocom type, hydraulic

## BRAKE SYSTEM

TYPE	Full air operated type service brake, air actuated spring hand brake, ABS / ASR
RETARDER	Intarder

## SUSPENSION

FRONT AXLE	Air spring (2), shock absorbers (2)
REAR AXLE	Air spring (4), shock absorbers (4)
KNEELING	Front

## CHASSIS

PROFILE TYPE	Monocoque (Low Floor)
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## TYRES

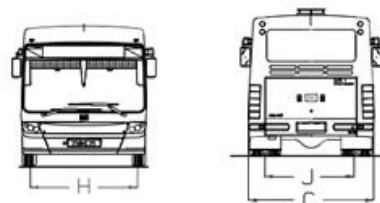
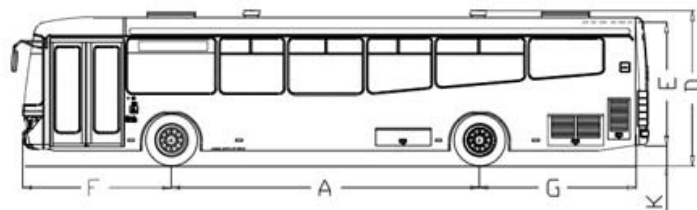
275 / 70 R 22.5 , 6+1 tubeless

## RIMS

8.25 x 22.5

## ELECTRICAL SYSTEM

VOLTAGE	24 V , negative (-) ground
BATTERIES	2 x 12 V , 210 A
ALTERNATOR	24 V , 140 A
STARTER MOTOR	24 V , 7.8 kW



## DIMENSIONS (mm)

A : Wheelbase	5850
B : Overall length	11880
C : Overall width	2535
D : Overall height	2909
E : Inner height	2350
F : Front overhang	2850
G : Rear overhang	3214
H : Front track	2096
J : Rear track	1852
K : First step height	320
L : Inner width	2410
- : Number of steps	Front : - / Middle : - / Rear : -

## WEIGHTS (kg)

Kerb weight	11550
Payload	5450
Max. permissible total weight, front	6500
Max. permissible total weight, rear	10500
Gross vehicle weight	17000

## PASSENGER CAPACITY

57 sitting + 1 driver

## PERFORMANCE

Gradeability (at GVW) (%)	34
Max. speed at level road (kph)	106
Turning radius (mm)	11000

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**GENERAL MANAGEMENT & FACTORY:** Kemalpaşa Caddesi No: 32 35060 Izmir-TURKEY **Tel:** (+90 232) 479 20 00 **Fax:** (+90 232) 479 13 64-479 12 88 **Web Site:** www.bmc.com.tr  
**EXPORT SALES:** Kemalpaşa Caddesi No: 32 35060 Izmir-TURKEY **Tel:** (+90 232) 479 18 70 (PBX) **Fax:** (+90 232) 478 22 15 **E-Mail:** exportsales@bmc.com.tr **UK OFFICE:** Havenfields, Aylesbury Road, Great Missenden Bucks HP 16 9 LS ENGLAND **Tel:** (+44) 1494-89 08 88 **Fax:** (+44) 1494-89 08 84 **E-Mail:** bmc.uk@btinternet.com