

FALCON

CITY BUS



BMC

FALCON CITY BUS

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	200 lt

GEAR BOX

MAKE / MODEL	VOITH D 854,5 E
NUMBER OF GEARS	4 forward, 1 reverse automatic

FRONT AXLE

TYPE, CAPACITY	ZF RL 85A Portal, 8500 kg
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REAR AXLE

MAKE / TYPE	MERITOR 177 E
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 dry type service brake, air actuated spring hand brake, ABS / ASR
RETARDER	Including Voith retarder

SUSPENSION

FRONT AXLE	Air spring (2), shock absorbers (2)
REAR AXLE	Air spring (4), shock absorbers (4)
ANTI-ROLL BAR	Rear

CHASSIS

PROFILE TYPE	"C" section steel profile type
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TYRES

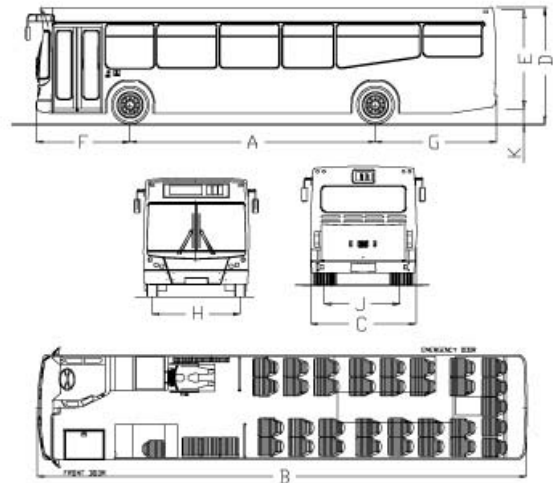
275 / 70R 22,5, 6+1 tubeless

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



DIMENSIONS (mm)

A : Wheelbase	5850
B : Overall length	11000
C : Overall width	2500
D : Overall height	2949
E : Inner height	2350
F : Front overhang	2250
G : Rear overhang	2900
H : Front track	2096
J : Rear track	1852
K : First step height	320
L : Inner width	2400
-: Number of steps	Front: - / Middle: - / Rear: -

WEIGHTS (kg)

Kerb weight	10950
Payload	6050
Max. permissible total weight, front	6500
Max. permissible total weight, rear	10500
Gross vehicle weight	17000

PASSENGER CAPACITY

40 sitting + 26 standing + 1 driver
37 sitting + wheel chair + 26 standing + 1 driver

PERFORMANCE

Gradeability (at GVW) (%)	30
Max. speed at level road (kph)	100
Turning radius (mm)	11000

STANDARD ACCESSORIES

Air suspension driver seat
Reverse drive signal
Manual destination board
Sliding side window
Adjustable steering column

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

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