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Your partner for  
**city, intercity**  
and **tourist** transport

**SOR BNG 10,5 / BNG 12**  
City bus





# SOR BNG 10,5 / BNG 12

City bus

A modern, environmentally-friendly, partly low-floor CNG powered bus designed for public transport in urban and suburban areas. The new technologies, high quality, reliability and unique design concepts of technical aggregates form the fundamental conditions for its cost-effective operation. Through its wide range of constructional variability and diverse equipment the customers are offered the best solution to meet their demands.

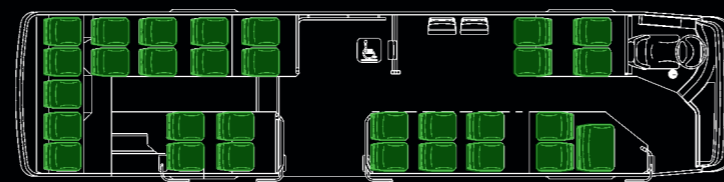


Parameters of the bus		BNG 10,5	BNG 12
Dimensions	Length	10 750 mm	11 790 mm
	Axle base	5 600 mm	6 180 mm
	Width	2 525 mm	
Body	Height	3 180 mm	
	Number of doors*	3 (2)	3 (4)
	Door width – front	800 mm	
	Door width – middle / rear	1 200 / 730 mm	1 200 mm
	Get on height	325 mm	
	Floor height front / rear	360 / 800 mm	
	Seats	City-monocoque	
Weight	Service*	9 250 – 9 920 kg	9 900 – 10 680 kg
	Max. techn. acceptable	15 000 kg	16 500 kg
Capacity	Sitting*	28 – 34	26 – 40
Properties	Turning radius – outline	10,7 m	11,1 m
	Approach / departure angle	9° / 9°	
	Bus maximum speed	80 km/h	
Engine	Producer / Type	FPT / NEF6/Euro VI	FPT / CURSOR8/Euro VI
	Max. actual engine power	150 kW / 2 700 rpm	213 kW / 2 000 rpm
	Max. actual torque	750 Nm / 1 400 rpm	1 100 Nm / 1 100 rpm
	Engine displacement	5 880 cm <sup>3</sup>	7 800 cm <sup>3</sup>
Liquid tank	Gas tank	4 × 315 l	
Transmission	Producer / Type	ZF / 6AP 1000B	ZF / 6AP 1200B
Retarder		Integrated	
Front axle	Producer / Type	ZF / RL55EC	
Rear axle	Producer / Type	Dana / Pei 4100	Dana / G 150
Wheels	Disc / Tire	7.50 × 19.5 / 285/70 R 19,5	
Brakes	Producer / Type	Knorr / SN 6	
EBS/ESC	Producer	Wabco	
Steering	Producer / Type	Bosch / 8098	
Independent heating	Producer / Type	Webasto / Thermo G300	
Wiring	Type	Can Bus SAE 3	
Batteries	Producer / Capacity	Varta / 170 Ah	Varta / 180 Ah
Optional accessories	Air-conditioning*	Electric / Compressor	
	Information system	According to customer's specification	

(\* depending on configuration)



BNG 10,5



BNG 12



Your partner for transport