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

SOR BN 8,5 / BN 9,5
City bus



SOR BN 8,5 / BN 9,5

City bus



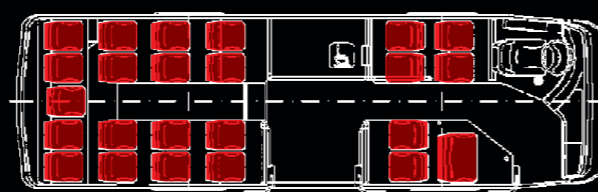
A modern, environmentally-friendly, partly low-floor bus designed for public transport in urban and suburban areas. The new technologies, high quality, reliability and unique design concepts of technical aggregates form the fundamental conditions for its cost-effective operation. Through its wide range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



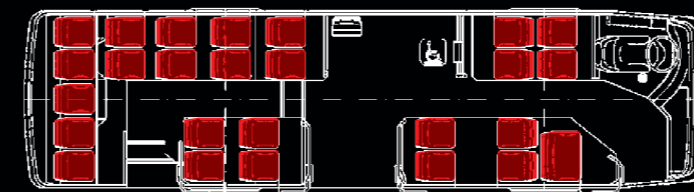
Parameters of the bus		BN 8,5	BN 9,5
Dimensions	Length	8 400 mm	9 600 mm
	Axle base	3 600 mm	4 450 mm
Body	Width	2 525 mm	
	Height / with air conditioning	2 950 mm / 3 150 mm	2 950 mm
	Number of doors*	2	3(2)
	Door width – front	800 mm	
	Door width – middle / back*	1 200 mm	1 200 / 730 mm
	Get on height	325 mm	
	Floor height front / back	360 / 800 mm	
Weight	Seats	City-monocoque	
	Service*	7 880 – 8 460 kg	8 100 – 9 120 kg
Capacity	Max. techn. acceptable	11 990 kg	15 000 kg
	Sitting*	23 – 25	23 – 28
Properties	Turning radius - outline	7,5 m	8,8 m
	Approach / departure angle	9° / 9°	
Engine	Bus maximum speed	80 km/h	
	Producer / Type	FPT Industrial, S.p.A. / NEF 4 / Euro VI	FPT Industrial, S.p.A. / NEF 6 / Euro VI
	Max. actual engine power	137 kW / 2 500 rpm	184 kW / 2 500 rpm
	Max. actual torque	750 Nm / 1 400 rpm	950 Nm / 1 400 rpm
	Engine displacement	4 485 cm ³	6 728 cm ³
Liquid tank	Fuel tank	180 l	190 l
	Ad-Blue	30 l	
Transmission	Producer / Type	ZF / 6AP1000B	
Retarder		Integrated	
Front axle	Producer / Type	ZF / RL55EC	
Rear axle	Producer / Type	Dana / Pei 4 100	
Wheels	Disc / Tire	7.50 x 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	Eberspächer / Hydronic L	
Wiring	Type	Can Bus SAE 3	
Batteries	Producer / Capacity	Varta / 170 Ah	
Optional accessories	Air-conditioning*	Electric / Compressor	
	Information system	According to customer's specification	

(* depending on configuration)

BN 8,5



BN 9,5



Your partner for transport