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

SOR BN 10,5 / BN 12
City bus



SOR BN 10,5 / BN 12

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 10,5	BN 12
Dimensions	Length	10 750 mm	11 790 mm
	Axle base	5 600 mm	6 180 mm
	Width	2 525 mm	
	Height	2 950 mm	
Body	Number of doors*	3 (2)	3 (2,4)
	Front door width	800 mm	
	Width others doors (back)*	1 200 (730 mm)	1 200 mm
	Get on height	325 mm	
	Floor height front / back	360 / 800 mm	
	Seats	City-monocoque	
Weight	Service*	8 450 – 9 200 kg	9 150 – 10 030 kg
	Max. techn. acceptable	15 000 kg	16 500 kg
Capacity	Sitting*	29 – 32	26 – 40
Properties	Turning radius – outline	10,7 m	11,1 m
	Approach / departure angle	9° / 9°	
Engine	Bus maximum speed	80 km/h	
	Producer / Type	FPT Industrial, S.p.A. / NEF 6 / Euro VI	
	Max. actual engine power	184 kW / 2 500 rpm	210 kW / 2 500 rpm
	Max. actual torque	950 Nm / 1 400 rpm	1 000 Nm / 1 250 rpm
	Engine displacement	6 728 cm ³	
Liquid tank	Fuel tank*	160 – 240 l	275 – 295 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)

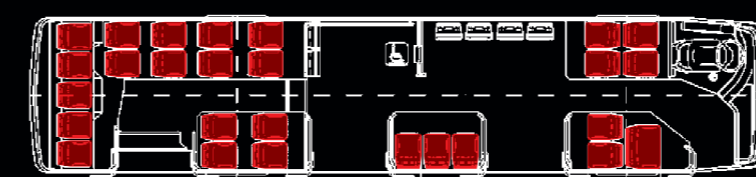
BN 10,5



BN 12 (3 doors)



BN 12 (4 doors)



Your partner for transport