



**SOR**

SOR Libchavy spol. s r.o.  
Dolní Libchavy 48 | 561 16 Libchavy | Czech Republic | phone: +420 465 519 411 | fax: +420 465 519 471 | e-mail: sor@sor.cz  
www.sor.cz

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

**SOR NS 18 diesel**  
City bus



# SOR NS 18 diesel

City bus

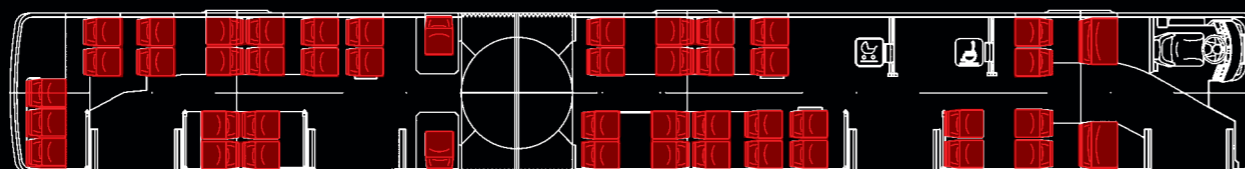
A modern and environmentally friendly full low-floor bus designed for public transport operators in cities. Its adaptability for a variable layout of the seats in the interior enables this bus to be used in all urban agglomerations. The unique design concept of technical aggregates contributes significantly to achieving its cost-effective operation.



Parameters of the bus		NS 18 diesel	
Dimensions	Length	18 750 mm	
	Axle base – F/R	5 900 mm / 6 750 mm	
	Width	2 550 mm	
	Height	2 995 mm	
Body	Number of doors	4	
	Width of doors	1 200 mm	
	Get on height	340 mm	
	Seats	City-monocoque	
Weight	Max. techn. acceptable	30 000 kg	
Capacity	Sitting	47	
Properties	Approach / departure angle	7° / 7°	
	Bus maximum speed	80 km/h	
	Engine	Producer / Type	FPT Industrial S.p.A. / F2CFE612C / Euro VI
	Max. actual engine power	243 kW / 2 200 rpm	
Liquid tank	Max. actual torque	1 400 Nm / 1 200 rpm	
	Engine displacement	8 710 cm <sup>3</sup>	
	Fuel tank	400 l	
	Ad-Blue	50 l	
Transmission	Producer / Type	ZF / Ecolife 6AP1400B	
Retarder		Integrated in the transmission	
Front axle	Producer / Type	ZF / RL 82EC	
Middle axle	Producer / Type	ZF / AVN132	
Rear axle	Producer / Type	ZF / AV133	
Wheels	Dics / Tires	8.25 x 22,5 / 275/70 R 22,5	
Brakes	Producer / Type	Knorr / SN7 / SB7	
EBS/ESC	Producer	Wabco	
Steering	Producer / Type	Bosch / 8098	
Independent heating	Producer / Type	Eberspächer / Hydronic L-II	
Wiring	Type	Can Bus SAE 3	
Batteries	Producer / Capacity	Varta / 225 Ah	
Optional accessories	Air-conditioning	Electric / Compressor	
	Information system	According to customer's specification	



NS 18 diesel



Your partner for transport