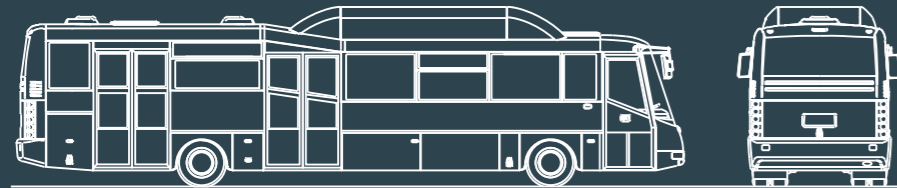
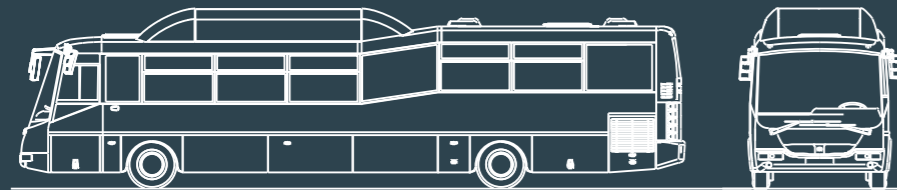
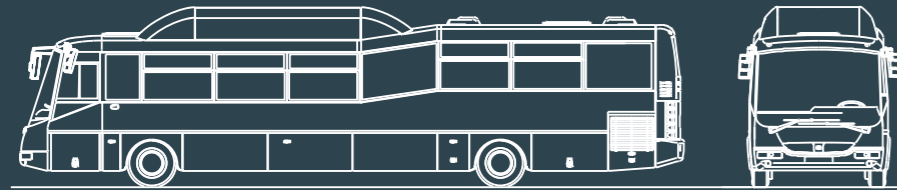


Bus
SOR BNG 12
City
powered by gas CNG





type	SOR BNG 12		City	
parameters	doors		4 doors	3 doors
	length	mm	11 790	11 790
	width	mm	2 525	2 525
	height	mm	3 180	3 180
	axle base	mm	6 180	6 180
	front overhang	mm	2 350	2 350
	rear overhang	mm	3 260	3 260
	body	number of doors		4
front door width		mm	810	810
middle door width		mm	1 210	-
middle door width		mm	1 210	1 210
back door width		mm	1 210	1 210
get on height		mm	320	320
front floor height		mm	340	340
weight	back floor height	mm	800	800
	operating	kg	9 500	9 500
	max. techn. acceptable	kg	16 500	16 500
capacity	for sitting		27	30
	for standing		75	72
	total		102	102
properties	design speed	km/h	80	80
	outer contour radius	mm	11 100	11 100
	approach angle	°	9	9
	departure angle	°	8	8
engine	Cummins CGe 280		209 kW / 1 152 Nm	
transmission	Allison T325R		automatic 5+1 / 3,49-0,75 R5,03	
retarder			hydraulic, integrated in the transmission	
front axle	SOR BN 004		independent suspension	
rear axle	DANA G150		solid, single stage reduction, i=5,38	
gas charger	ULLIT		roof unit 4x 240 l	
suspension	pneumatic		pulsating springs; front 2 / back 4	
	control		electronic, Wabco ECAS	
shock-absorber	Brano		fluid, front 2 / back 4	
wheels	tires		285 / 70- R19,5	
	disc		19,5x7,5"	
brakes	Wabco PAN19-1		disc, air-controlled	
ABS/ASR	Wabco		system 4S/4M, version E	
steering	RBL C 500V		hydraulic compact	
independent heating	Webasto NGW 300		oil, power 30 kW	
wiring	standard		bus electrics	
	CAN-bus SAE 1939		electric vehicle equipment	
batteries	Varta		communication to vehicle electronic systems	
optional accessories			- driver air-conditioning - engine meeting the EURO 5 and EEV emission limits - information and terminal system according to customer's specification	

The manufacturer reserves the right to change the specifications without prior notice.

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