

Bus
SOR CN 12
Intercity





type	SOR CN 12		Intercity
	doors		medium double-wing
parameters	length	mm	11 790
	width	mm	2 525
	height	mm	2 950
	axle base	mm	6 180
	front overhang	mm	2 350
	rear overhang	mm	3 260
body	number of doors		2
	front door width	mm	810
	middle door width	mm	1 210
	get on height	mm	320
	front floor height	mm	340
	back floor height	mm	800
weight	operating	kg	7 600
	max. techn. acceptable	kg	16 500
capacity	for sitting		41
	for standing		66
	total		107
properties	design speed	km/h	100
	outer contour radius	mm	11 100
	approach angle	°	9
	departure angle	°	8
engine	Iveco Tector F4AE3682E		194 kW / 1 000 Nm EURO 5
transmission	ZF 6S 1010 B0		manual 6+1 / 6,75-0,83 R6,21
retarder	Voith R 120		hydraulic
front axle	SOR BN 004		independent suspension
rear axle	DANA G150		solid, single stage reduction, i=4,33
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	Eberspaecher Hydronic 24		oil, power 24 kW
wiring	standard		electric vehicle equipment
	CAN-bus SAE 1939		communication to vehicle electronic systems
batteries	Varta		24V / 170 Ah
optional accessories			- air-conditioning for passengers and driver - automatic transmission ZF 6S 1010 B0

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

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