

Technical Specifications & Equipment

Navigo 185 SH (Class II)

DIMENSIONS		
Overall Length	7720 mm	
Overall Width	2265 mm	
Overall Height	3275 mm	
Interior Height	1920 mm	
WEIGHTS		
Permissible axle loads, front/rear	4000/6000 kg	
Permissible gross weight	9900 kg	
Kerb Weight	6118-7092 kg	
PASSENGER CAPACITY (Including Lift)	Option I	29 seated + 6 standing + 1 wheelchair +1 driver
	Option II	33 seated + 6 standing + 1 driver
ENGINE *	CUMMINS ISBe4+ 185, EURO IV, turbocharged, diesel engine with intercooler and AdBlue SCR technology	
Displacement	4462 cc	
Maximum Output	136 kW (183 HP) at 2500 rpm	
Maximum Torque	700 Nm at 1500 rpm	
Number of Cylinders	4 in-line	
TRANSMISSION	6 forward with synchromesh gears + 1 reverse, mechanical gearbox	
SUSPENSION		
Front/Rear	Parabolic type leaf springs, stabilisers on both axles, dual rated hydraulic telescopic type shock absorbers	
BRAKES		
Service Brake System (Front/Rear)	Full-air disc, dual line	
Parking Brake	Spring chambers on rear axle	
ABS	Standard	
ASR	Standard	
Retarder	Standard	

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AXLES	Rigid beam front and housing type rear axles
STEERING	Left hand side, power assisted steering
ELECTRICAL	
System Voltage	24 Volt, negative earth
Batteries	2x12 Volt, 105 Ah capacity
Alternator	24 Volt, 90 A
WHEELS AND TYRES	
Wheels	Single front, twin rear wheels and spare wheel
Tyres	235/75 R 17.5 size tubeless radial
CLUTCH	Dry single plate type with hydraulic assistance
FUEL SYSTEM	Left side mounted, steel fuel tank with 155 lt capacity, 21 lt AdBlue tank capacity
WATER SEPARATOR	Combined fuel filter with filter heater
SERVICE DOORS	Two air assisted aluminium doors on right side with remote control, one hinged door at the middle for wheelchair access
PERFORMANCE	
Max. Gradient (loaded)	30%
Turning Radius (pavement)	7,3 m
STANDARD EQUIPMENT	Radio CD player
	Heated rear view mirrors
	Speed limiter
	Digital tachograph
	Amplifier for announcement system provision
	Step lights
	Adjustable, air suspended driver's seat with headrest and three-point retractable seat belt
	Passenger seats with armrests and two-point seat belts
	Easy demountable 4-seats at wheelchair space
	Individual speaker system for driver

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	Front sun visors
	Heated driver's side window
	Sliding side windows (1/3 ratio in height)
	Partition panels with tray tables
	Auxiliary heater
	Ski rack provision
	Overhead parcel racks with air registers
	Roof hatch
	Front fog lamps and third brake lamp
	Fire alarm system
	First aid kit
	Fire extinguisher
	Handrails and handholds for standing passengers
	OPTIONAL EQUIPMENT
Announcement system	
15" LCD Monitor/ DVD player	
Double layer tinted windows without sliding	
Additional long beam headlamps	
Luxurious interior trims and upholstery	
Power-operated sun visors	
Rear Towing Hook	

Technical features contain nominal data. These technical specifications may vary according to the vehicle specification and equipment. Otokar reserves the right to modify the specifications and equipment of vehicles beforehand. The details of the specifications and equipment may change according to the local needs and conditions.

(*)

Schoolbus duty-cycle: (suburban)

Average speed = 40 km /h

Stop profile = 2 stops per 5 kms.