

Technical Data Diesel Multiple Unit VT628.2



Photograph:
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Entrance from platforms	350mm ... 760mm
Entrance height	585mm, 800mm, 1000mm
Doors per side	2 door at each end and one door close to centre of the unit
Type of doors	slide-plug doors
Number of first class seats	10
Number of standard seats	112 standard seats
Number of flip-up seats	21 seats in multi-functional areas
Standing seats at 4P/m ²	180
Toilets	1
Type of toilet system	vacuum-system
Windows	fixed, some of them with a hinged fanlight
Interchangeability	German homologation
Top speed in passenger operation	120km/h
Secondary suspension	air-ride
Total weight	67t
maximum axle load	11.6t
Length over buffers	45 400mm
Width of car-body	2 850mm
Height of car-body above top of rail	4 154mm
Distance between bogie centres	15 100mm
Axle-formula	2'B'+2'2'
Wheel-base (bogie)	1 900mm
Diameter of new wheels	770mm
Smallest curve radius in depot	125m
Producer of unit	DUEWAG
Diesel-engine	MTU, 12 V 183 TA12
Rated power of Diesel-engine	410 kW
Fuel tank for driving	960l
Separate fuel tank for heating	240l
Switch-gear	Voith T 320 rz
Type of switch-gear	hydro-dynamic
Train control	MICAS
Multiple traction	up to 3 units (up to 6 cars)
Brake type	KE-P-A-Mg
Energy supply	generator
Battery	110V 165Ah
External feeding	AC230V 50Hz, 16A
Lighting	fluorescent lamps