

ACVILA



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- 4 coaches:
 - coach A - first class : 55 places
 - coach C - second class : 79 places
 - coach D - Bistro BAR second class : 57 places
 - coach B - second class : 79 + 1 places
- length of train above the transverse walls: 72100 mm
- clearance between pivots of end coaches: 16100 mm
- clearance between pivots of bogies from middle coaches : 16350 mm
- length of end coach above walls : 19100 mm
- length of middle coaches above front walls: 16350 mm
- exterior width of coach: 2860 mm
- height of train from the track mushroom to the roof ridge: 4600 mm
- height of floor from the track mushroom, ground floor: 355 mm
- top floor: 2413 mm
- climbing platform: 1125 mm
- width of windows: 1000 mm
- gauge: 1435 mm
- wheelbase of 2-axle bogies: 3000 mm
- wheelbase of 3-axle bogies: 3600 mm
- width of wheel rolling circle: 950 mm
- minimum radius of curve:
 - traffic in the plant (empty train, up to 10 km/h): 100 m
 - operating traffic: 180 m
- weight of empty train: about 132t
- weight of fully loaded train: about 200t
- maximum load on axle for the 2-axle bogie: 16 Mp (163.16 kg/square cm)
- maximum load on axle for the 3-axle bogie: 17.5 Mp (178.45 kg/ square cm)
- maximum speed : 120 km/h
- total number of places : 271
- Equipment:
 - air conditioning (heating and cooling) with modulated air
 - control panel and train diagnosis
 - power supply 24 Vdc, 420 Ah
 - video-recorder surveillance system
 - visual and acoustic passenger information system
 - wireless (coach A)
 - plugs 230V (coach A)
 - lifting and descending platforms for disabled persons (coach B)
 - toilet for disabled persons (coach B)
 - electrically driven access doors
 - air brake system, type KE-P-A

Trenul etajat ACVILA



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REMAR Pascani
GRAMPET - GFR

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