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80-90.710

Viaggio Twin – emotion@rail

Double-Deck Push/Pull Platform



Viaggio Twin

The king of capacity for regional & intercity traffic



Capacity and comfort

The Viaggio Twin permits maximum capacities and high-class comfort. Comfortably wide entrance doors make every trip a special experience. The Viaggio Twin is also fully equipped to accommodate passengers with limited mobility and thus guarantees that everyone has a relaxing ride.

Flexible

Independent cars and a modular equipment system afford a high degree of flexibility. The Viaggio Twin is equipped with clear, standardized interfaces that allow train capacity to be scaled quickly and easily according to need, route or season.

Efficient and cost-effective

The extreme ease of maintenance, maximum availability and reliability of the Viaggio Twin make it the most cost-efficient alternative for 300 or more passengers per train in regional as well as intercity traffic.

Ready for the future

The Viaggio Twin complies with the UIC 505-1 G2 car profile, making it your modern and reliable partner for the future.



| Technical data | |
|------------------------------------|--|
| Track gauge | 1,435 mm |
| Length over buffers | 26,800 mm |
| Car length | 26,400 mm |
| Car height above ToR | 4,600 mm |
| Car width | 2,780 mm |
| Compartment floor height above ToR | 475 / 1,250 / 2,535 mm |
| Clear width of entrance | 2 x 1,400 mm |
| Clear width of gangway | 750 mm |
| Entrance height above ToR | 600 / 720 mm |
| Distance between bogie centers | 20,000 mm |
| Bogie wheelbase | 2,500 mm |
| Bogie type | SF100 |
| Brake systems | 2 to 3 discs per axle + Mg |
| Wheel diameter (new) | 920 mm |
| Max. service speed | Up to 189 km/h |
| Min. curve radius (uncoupled) | 150 (80) m |
| Tare weight, type-dependent | Approx. 49 t ²⁾ |
| Total weight, type-dependent | Approx. 69 t ²⁾ |
| No. of toilets | 0 to 2, vacuum-type |
| Power supply | 1,000 V AC 16.7 / 50 Hz; 1,500 V AC 50 Hz ¹⁾ ; 1,500 / 3,000 V DC ¹⁾ ; 3,000 V AC 50 Hz ¹⁾ ; 3 AC 400 V 50 Hz ¹⁾ |
| No. of seats | 80 to 130 seats |
| Basic equipment | <ul style="list-style-type: none"> ■ Air conditioning ■ Single voltage power supply ■ Electronic passenger information system |

1) Additional equipment, e.g.:

Various entrance height,
Multisystem power supply,
Video surveillance

2) Additional types, e.g.:

First class, Cab car, Wheelchair area,
Multipurpose area, Catering galleys

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The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.