

Electric locomotive 180 015-0, DB AG

7570073 | DB-AG

railway company: DB-AG

279,90€

Photomontage



Electric locomotive 180 015-0 of the Deutsche Bahn.

- Rich detailing on the model with many separately applied plug-in parts
- Elaborate roof design and delicate bogies
- In digital operation with switchable headlight/tail light

In the 1980s, the DR purchased electric dual-mode locomotives with the objective of enhancing its ability to manage cross-border traffic operations and the steadily growing traffic volume on the lines between the GDR and Czechoslovakia. However, due to a lack of experience in dual voltage technology (GDR: AC voltage 15 kV/16 Hz, SSR: DC voltage 3 kV) and the full capacity production at the electric locomotive manufacturer LEW in Hennigsdorf, the locomotives were built based on the SD series ES 499.1. The Škoda locomotive factory had no prior experience in manufacturing locomotives for the AC system 15 kV/16 Hz. Consequently, the AC equipment components were sourced from the GDR. The SD's demand led to a double order for Škoda, resulting in 15 locomotives of Class 372 and 20 locomotives of Class 230 for the DR. At the DB AG, the locomotives, with an hourly output of 3,260 kW and a maximum speed of 120 km/h, were renamed Class 180.

General data

Coupling	NEM shaft 355 with close coupling mechanism
Minimum radius	192 mm
Traction tyres	2
Number of driven axles	4
EAN	9005033384791
Scale	N
Epoch	VI
Railway Company	DB-AG

Electrical

Motor	5-pole motor
Head light	3 headlight, dependent on the direction of travel/2 tail lights, dependent on the direction of travel
LED head light	yes
Additional light function	yes
Sound	yes
Control	DC Digital
Interface	Electrical interface for traction units Next18
Digital decoder	Next18

Measurements

Length over buffer	105 mm
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