

Steam locomotive class 78, DB



Epoch: III

14+



Art. No.: 707504

€169,90

Steam locomotive class 78 of the Deutsche Bundesbahn.

- Version equipped with extension on coal tender
- Ventilator superstructure on top of the driver's cab

The Prussian T 18 was the last tender locomotive developed for the Prussian state railways. The locomotive was originally conceived for services on the island of Rügen as a replacement for the T 12 and the T 10. The locomotive emerged when, in 1912, a certain class of locomotive was conceived that was to handle express and passenger trains in border areas or in commuter services on short distances. The design of a tender locomotive with symmetrical chassis was envisaged because, unlike a tow-tender-locomotive, it was able to run equally fast forwards and backwards and also could be operated on return journeys without having to be turned on a turntable. Its power and top speed were to be the same as those of the P 8. Robert Garbe designed this 2'C2' tender locomotive to reach a top speed of 100 km/h with a 17-ton axle load and contracted the Vulkan Werke in Stettin to build it. It was given the designation T 18.

Specifications:

General data

Coupling	In-house produced coupling
Minimum radius	192 mm
Number of axles with traction tyres	1
Number of driven axles	3

Electrical

Head light	Both sides of the vehicle are equipped with direction independent triple headlights
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Measurements

Length over buffer	93 mm
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