

# Steam locomotive class 78.0-5, DRG



Epoch:

Art. No.: 707582

Steam locomotive class 78.0-5 of the Deutsche Reichsbahngesellschaft (DRG). Epoch II.

The model is equipped with a DCC decoder for digital operation.

Metal die-cast chassis. Drive on three axles. Traction tyres. Automatic coupling. Dual headlights.

Model with barrel roof and brass coloured lettering of the Epoch II.

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 a class of locomotive was conceived in 1912 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 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 for 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

Number of axles with traction tyres	1
Number of driven axles	3
Traction tyres	2
Coupling	In-house produced coupling

### Electrical

Digital decoder	DCC
Head light	Direction dependent dual headlights
Decoder mode	DCC

### Measurements

Length over buffer	93 mm
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