

Steam locomotive class 01.10, DRB



Epoch:



Art. No.: 717405

Steam locomotive class 01.10 of the Deutsche Reichsbahn with streamlined fairing.

* Model with recessed fairing on the motor bogie

In the years 1939/40, 55 three-cylinder locomotives of the class 01.10 were built for the Deutsche Reichsbahn. Due to the fact that the locomotive had a streamlined fairing, it was possible to drastically reduce the air resistance already in the wind tunnel. Driving tests confirmed the assumption that the locomotives could easily reach 150 km / h. The effective tractive force on the hook was also increased by almost 50%. Since the initially mounted full fairing affected the cooling of the engine and the access to the engine was also very difficult for maintenance workers, the fairing of the class 01.10 was soon cut below.

Specifications:

General data

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|-------------------------------------|----------------------------|
| Coupling | In-house produced coupling |
| Minimum radius | 192 mm |
| Number of axles with traction tyres | 1 |
| Number of driven axles | 4 |

Electrical

| | |
|----------------|---------------------------------------------------------------------------------------------|
| Head light | Direction dependent dual headlights |
| Interface | Electrical interface for traction units according to NEM 651 standards with plug-in fixture |
| LED head light | yes |

Measurements

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|--------------------|--------|
| Length over buffer | 158 mm |
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