

Diesel locomotive class 118, DR



DR



Epoch: IV
14+

Art. No.: 721371 €259,90

Diesel locomotive class 118 of the Deutsche Reichsbahn (DR East). Epoch IV.

New 2019 Design !

The model is equipped with an in-built load sensing digital decoder and sound functions true to the original from factory.

- 6-axle model with single stripe and angular door cutout
- Interior lighting in the driver's cab
- Henning-Sound

5 pole motor with flywheel. Drive on six axles with two traction tyres. Coupler pocket according to NEM 355 standards and guide mechanism. White and red LED triple headlights that change with the direction of travel.

Prototype: The locomotive series V 180 of the Deutsche Reichsbahn was the largest diesel series ever built in the GDR. In 1970 it was designated class 118 and from 1993 on it was registered as class 228. It was initially built in a four-axle version with two 2-axle bogies - later there were also 6-axle variants. The six-axle version with a low axle load of 15.6 t is even today still considered to be a masterpiece of the engineers involved. The low axle load allows for an universal use so the locomotive can also operate on classanchlines. In addition to that, it has also the license to haul trains over steep railway sections. The resulting potential application area is unique with large German diesel locomotives.

The V 180 replaced various steam locomotive series in the performance classes above the V100 and therefore accelerated the traction change at the German Reichsbahn. The three locomotives 118 548, 550 and 552 were assigned to the GDR and hauled state-owned trains. In 1995 the last locomotives of these types stopped operating for the DB AG. Afterwards numerous locomotives were sold to private railway companies.

Specifications:

General data

Number of driven axles	6
Traction tyres	2
Coupling	NEM shaft 355 with close coupling mechanism

General data

Flywheel	yes
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Electrical

Digital decoder	DCC
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Sound	yes
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Decoder mode	DCC
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Interface	Electrical interface for traction units Next18
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Head light	Direction dependent triple front headlights and dual rear headlights.
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Motor	5-pole motor
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LED head light	yes
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Measurements

Length over buffer	121 mm
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