

Diesel loco Class V 90

NEW MOLD

2026



Diesel loco Class V 90 DB III

22040 DC

22042 DC, incl. PSD XP S and **PIKO TrainSound**® onboard

22043 AC, incl. PSD XP S and **PIKO TrainSound**® onboard

Complementary items for authentic train formations:



24508 Tank car "BP" DB III



54599 Box car w/brake cab "Groschen Bräu" DB III



24510 Acid car w/brake cab DB III



57702 Gondola Omp50 DB III

DIESEL LOCO Class V 90 DB

PIKO



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Your PIKO retailer:



**Strong Performance in
Shunting Operations**
The V 90 Series of the Deutsche Bundesbahn

DIESEL LOCO

Class V 90

DB



The striking locomotives of the V 90 series are among the most famous switching locomotives of the Deutsche Bundesbahn. PIKO's Expert model faithfully captures their powerful character and distinctive proportions in 1:87 scale. Lovingly crafted details and modern model railroading technology make this model a must-have for collectors and discerning model railroaders.

Model Highlights:

- Model with dual Behr-type fans featuring swiveling fan wheels
- Specially designed windshield wipers, fine spring assemblies, handles, and footrests
- Cab with tastefully decorated interior and a pot-shaped antenna
- Bogies with numerous separately attached components for maximum deep-focus effect
- Delicate lamp replica with maintenance-free LED technology
- Excellent driving characteristics with high traction

Digital Features:

- Control console lighting, even in analog mode
- Digitally controlled lighting in the driver's cab
- Sound model with vehicle-specific sounds and load-dependent sound (PIKO TrainSound® onboard)
- Prepared for retrofitting with a PIKO digital decoder (#56500 PSD XP PluX22) or a PIKO sound decoder (#56655 PSD XP Sound PluX22 Class V 90)
- With a buffer storage unit to bridge short power outages

Technical Specifications

- Length over the buffers: 165 mm
- Minimum radius: 358 mm
- Era III
- Interface NEM 662 Next18
- NEM-Shaft and close coupling set
- Direction-dependent light change: white / red



Manufacturer: Maschinenbau Kiel
Manufactured: 1964/1965 (Pre-production series)
1966-1969, 1971-1974
Retirement: Starting in 2009
Locomotives Built: 408
Application: Shunting and Transfer Service

The V 90 is a medium-duty, diesel-hydraulic shunting and transfer locomotive of the Deutsche Bundesbahn. Originally developed as an evolution of the V 100, MaK (Maschinenbau Kiel) created an entirely new design: longer, more robust, and more powerful. The first 20 pre-production locomotives were delivered in 1964-65, followed in 1966 by series production featuring the proven MTU 12V engine and a top speed of 80 km/h. Over the decades, the V 90 has proven to be versatile: from its original purple-red paint scheme to ocean blue and beige, and finally to today's traffic-red design. Today, this series forms the backbone of DB Cargo's single-car transport operations.

OUR PROTOTYPE: DB LOCOMOTIVE V 90 027, REVISION DATE 12/23/66, BD HANNOVER, BW DELMENHORST, AW NÜRNBERG.