



## D75 BB-SE – Great performance on narrow tracks

For the narrow gauge locomotive D75 BB-SE several very particular requirements were taken into account.

In radio mode the locomotive with driver's cab on both ends can be used as push-pull train.

In addition, the following brake systems have been integrated:

- Compressed air brake (passenger traffic)
- Vakuum brake (freight traffic)

The locomotive can be modified for operation on standard track gauge by replacing the bogies. Also UIC push and pull devices were considered in the design and can be retrofitted with little effort.

### Technical data

Length over buffers	14,640 mm
Width	2,450 mm
Height	3,650 mm
Total weight	50 t ±3%
Axle load	12.5 t ±3%
Gauge	760 mm
Axle arrangement	B'B'
Total wheelbase	9,600 mm
Engine output	746 kW
Starting tractive effort	approx. 161 kN
Maximum speed	80 km/h
Hill / dip	250 m / 300 m
Driving wheel Ø new / worn	760 mm / 680 mm
Minimum curve radius	60 m
Minimum continuous speed	approx. 5.0 km/h
Vehicle gauge	ZVB
Consumables	1,800 l diesel fuel 128 kg sand

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