



D75 B'B' – The power pack

The locomotive series D75 B'B' is available up to a total weight of 100 tons. Due to this two-bogie locomotive's high adhesive weight high tractive forces can be reliably transferred to the rails.

A driving power of 500 kW to 1000 kW is possible. The turbo transmission and axle drive ratio are adjusted to the diesel engine and the desired maximum speed.

With a length of 12,400 mm our D75 B'B' can access even most narrow curves (radius 40 m).

As an alternative we offer the model D 75 B'B' Kompakt with a total length of only approx. 11,000 mm.

Technical data

Length over buffers	12,440 mm
Width	3,080 mm
Height	4,255 mm
Total weight	82t – 90 t ±3%
Axle load	20.5 t – 22,5 t ±3%
Gauge	1,435 mm
Axle arrangement	B'B'
Total wheelbase	7,800 mm
Engine output	522 kW – 1,200 kW
Starting tractive effort	approx. 295 kN
Maximum speed	25 km/h – 60 km/h
Hill / dip	250 m / 300 m
Driving wheel Ø new / worn	1,000 mm / 920 mm
Minimum curve radius	60 m
Minimum continuous speed	approx. 8.0 km/h
Vehicle gauge	UIC 505-1
Consumables	1,900 l – 2,400 l diesel fuel 320 kg sand

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