

Technical Data Diesel-electric Locomotive BR234



Maximum operating speed:	140 km/h
Engine output:	2208 kW
Total weight:	121 t
Tractive effort on starting:	255 kN
Continuous tractive effort:	200 kN
Approval:	in Germany
Axle arrangement:	Co'Co'
Diesel engine:	Kolomna 5 D 49 /16 Tsch N 26/26
Rated speed:	1000 /min
Fuel tank:	4000 litres
Drive motor:	DC series-wound motor
Type of drive motor:	axle-hung
Output drive motor:	305 kW
Brake type:	KE-GPPZR+E-mz
Length over buffers:	20 820 mm
Total wheel base:	16 050 mm
Distance between bogie pivots:	11 980 mm
Bogie wheel base:	3 700 mm
Width of locomotive body:	2 950 mm
Height above rail top edge:	4 590 mm above top of rail
Maximum axle load:	21 t
Traction wheel diameter:	1 050 mm (new) / 952 mm (worn)
Push-pull train control:	ZWS (time-division multiplexing reversible train control), ZDS (time-division multiplexing double heading control)
Workshop supply:	DC 110V and AC 220V 50Hz