

Technical Data Diesel Locomotive BR218



Data shown here for locomotives	218 101 ... 218 298, as far as MTU TB11 engine
Top speed in operation	140km/h
Top speed in low gear	100km/h
Power of Diesel engine	2060kW
Type of Diesel engine	MTU TB11
Tractive force at start	235kN
Continuous tractive force	175kN
Axle arrangement	B'B'
Power transmission	Diesel-hydraulic
Total weight	79.5t
Maximum axle load	20t
Length over buffers	16 400mm
Width of car-body	3 136mm
Height of car-body above top of rail	4 275mm
Distance between bogie centres	8 600mm
Wheel-base (bogie)	2 800mm
Wheel-base (locomotive)	11 400mm
Diameter of new wheels	1000mm
Diameter of worn wheels	920mm
Smallest curve radius	100m
Smallest vertical radius concave/convex	200m
Brake type	KE - GPR ₂ R - H m Z
Feeding of train line	AC1000V, 400kVA
Double traction	possible, including doubled power for train line
Interchangeability	German homologation
Fuel on board	up to 3200 litres