

Product Information

Sectional Core Cooler for Locomotives



AKG can supply a suitable cooling system for every rail vehicle which is fully-optimized for the respective application.

AKG has the solution for every cooling problem!

Product features:

- Tailor-made solutions with individual advice
- Very large range of capacities
- Cooling of all types of engines
- Quality product with high reliability
- Long service life
- Multiple cooler designs are available
- Railway-compatible designs

Technical Data

Sectional Core Cooler for Locomotives

Diesel loco G 2000

Pull force	300 kN
Weight	90 t
Power	2.2 MW
Top speed	120 km/h

Cooling of the high and low temperature circuits of a diesel engine

Properties of the high-temperature coolant cooler

L x W x H per element	1800 x 200 x 160
System design	Alu plate
Cooling capacity- section block	111 kW
Coolant flow	104 l/min
Entry temperature difference	60 K
Number of cooling elements per loco	26 pieces

Applications:

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| <ul style="list-style-type: none">- Locomotives- ICE- Rail motor sets- Suburban railways- Special vehicles- Switch cabinet cooling- Transformers | <ul style="list-style-type: none">- Diesel engines<ul style="list-style-type: none">- Charge air coolers- Coolant coolers- Power converters- Gear oil- Hydraulic oil |
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