

Product Information

Cooling systems for Electric Multiple Units



Individual, custom-made cooling systems for every application.

AKG has the solution for every cooling demand!

Highlights

- high specific cooling capacity
- individual development and project management
- long lasting experience
- reliable and field-tested design
- proven technology for trains
- RAMS and LCC-analysis
- cooler design of aluminium or copper/ brass
- high reliability
- purity level based on ISO 4406
- low noise emissions
- easy to maintain and resistant to pollution
- very high performance range

Technical Data

Cooling systems for Electric Multiple Units (EMU's)

Pull force	200 kN
Weight	131 t
Power	2,0 MW
Top speed	160 km/h

Oil cooler for the Electric Multiple Units

Properties of the cooling system

Dimensions (L x W x H)	1019 x 500 x 140 mm (core)
System	Alu plate design
Cooling capacity	71,5 kW
Oil flow	750 l/min
Inlet temperature difference	36,3 K
Number of cooling elements per EMU	2 units

General applications

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

7315 Oakwood Street Extension; P.O. Box 370; Mebane; NC 27302-0370; USA; Phone: +1 919 - 5 63 42 86
Fax: +1 919 - 5 63 60 60; info@akg-america.com; www.akg-america.com