



DAYTON
PHOENIX
GROUP



resistors

Our Dynamic Braking Resistors provide the following benefits:

- OEM Supplier to both Wabtec & Progress Rail
- Years of field-proven reliability
- Best-in-class life-cycle cost reductions
- A full range of designs servicing locomotives 50+ years old are available
- Custom-engineered designs available utilizing proven design concepts
- Readily available in many sizes
- Factory tested
- Test the product to your specified requirements
- Specialize in both high and low volumes

Dayton-Phoenix Group products are engineered to move, and our resistors keep you moving.

Dayton-Phoenix lab and field tested, OEM spec certified, High Power Resistors and Dynamic Braking Systems are all about performance. With features, such as:

- Our 50+ year engineering expertise in hatch design, layout, and fan/motor assemblies result in having the ability to design the optimal system for your old, or new, application.
- Innovative design features in insulation, resistive element, and case technologies and a flexible design system that allows us to adapt design concepts and materials to a product that best meets your needs. Result: a quality product that is right for your application at a competitive price.
- Power levels up to and exceeding 1 MW per resistor
- Dynamic braking designs exceeding 940 amps and 2800 volts (bus).
- Resistance tolerances as tight as $\pm 1.5\%$.

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