



RAILKO RG15

Friction Damper Bushes

RAILKO RG15 friction damper bushes are used within the suspension dampening system on Y-series freight bogies.

Product Description

RG15 has been specially formulated and manufactured for friction damper applications. RAILKO RG15 friction damper bushes are used to provide optional suspension dampening to the system. RAILKO RG15 offers complete protection against ovalisation to the bogie housing and wear onto the damper plunger which was a common customer problem.

Product Advantages

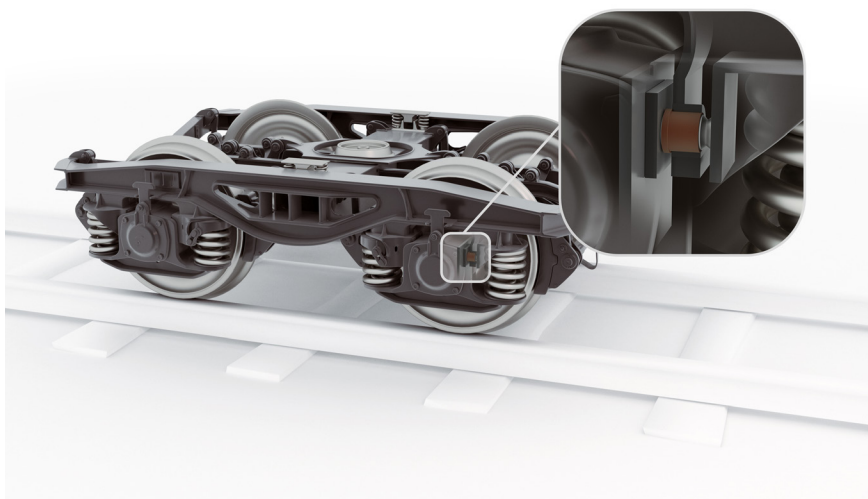
- Protection against housing ovalisation (wear)
 - Excellent impact and vibration absorption
 - Significantly lower noise than steel
 - Low water swell
 - High temperature resistance
 - Outstanding strength capabilities
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Storage

- To be stored in a dry location
- Take care not to exceed safe working loads and heights for storage shelves and racks

Physical Properties

Property	Units	RG15
Density	g/cm ³	1.31
Flexural Strength	MPa	100
Flexural Modulus	GPa	4.8
Compressive Strength	MPa	240
Tensile Strength	MPa	60
Charpy Impact Notched	kJ/m ²	32
Shear Strength	MPa	80
Compressive Yield @ 68.9 Mpa	%	2.2
Brinell Hardness	kgf/mm ²	32
Swell in Water (24 hours)	%	
20 °C		0.4
80 °C		0.6
Coefficient of Thermal Expansion	x 10 ⁻⁶ /°C	
Parallel		30
Perpendicular		52
Coefficient of Friction (Unlubricated)		0.28-0.42
Maximum Operating Temperature	°C	
Continuous		200
Intermittent		220
Normal Working Pressure	MPa	60



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