



# BREMSKERL



07/2026

## BREMSKERL R505

Sintered brake pads for rail vehicles up to 200 km/h and 10 t  
Certified according DIN 15328:2024 Class C2

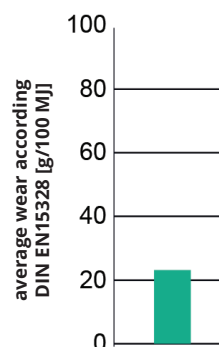
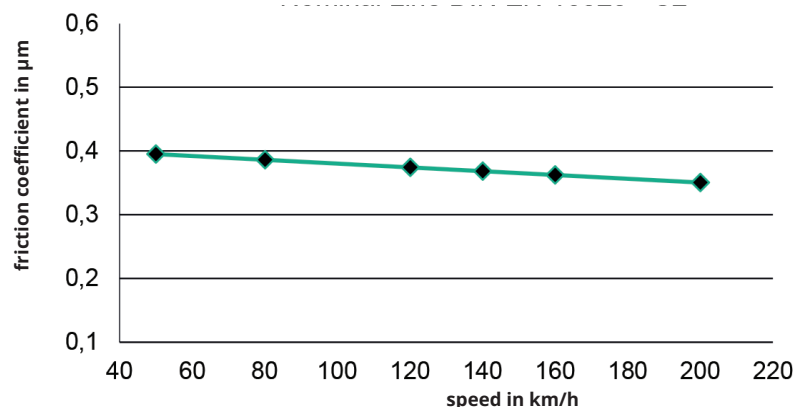
|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| <b>Material</b>     | Sintered composite formulation<br>Contains metal   Asbestos free   Heavy metal free |
| <b>Availability</b> | Customer specific shapes                                                            |
| <b>Applications</b> | Electrical Multiple Units (EMU)   Diesel Multiple Units (DMU)                       |

### TECHNICAL DATA

|                                       |                                          |
|---------------------------------------|------------------------------------------|
| Average coefficient of friction (dry) | 0.37                                     |
| <b>Recommended range performance:</b> |                                          |
| max. specific pressure                | 1 N/mm <sup>2</sup>                      |
| max. sliding speed                    | 70 m/s                                   |
| Melting temperature                   | >1000 °C                                 |
| Hardness at 20°C                      | approx. 100 N/mm <sup>2</sup> ISO 2039-1 |
| Specific weight                       | 5.25 g/cm <sup>3</sup>                   |

### FRICTION CHARACTERISTICS

Test programme: Tab. B3; Class C2 acc. EN 15328/UIC541-3



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Management System  
ISO 9001:2015  
ISO 14001:2015  
ISO 50001:2018  
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