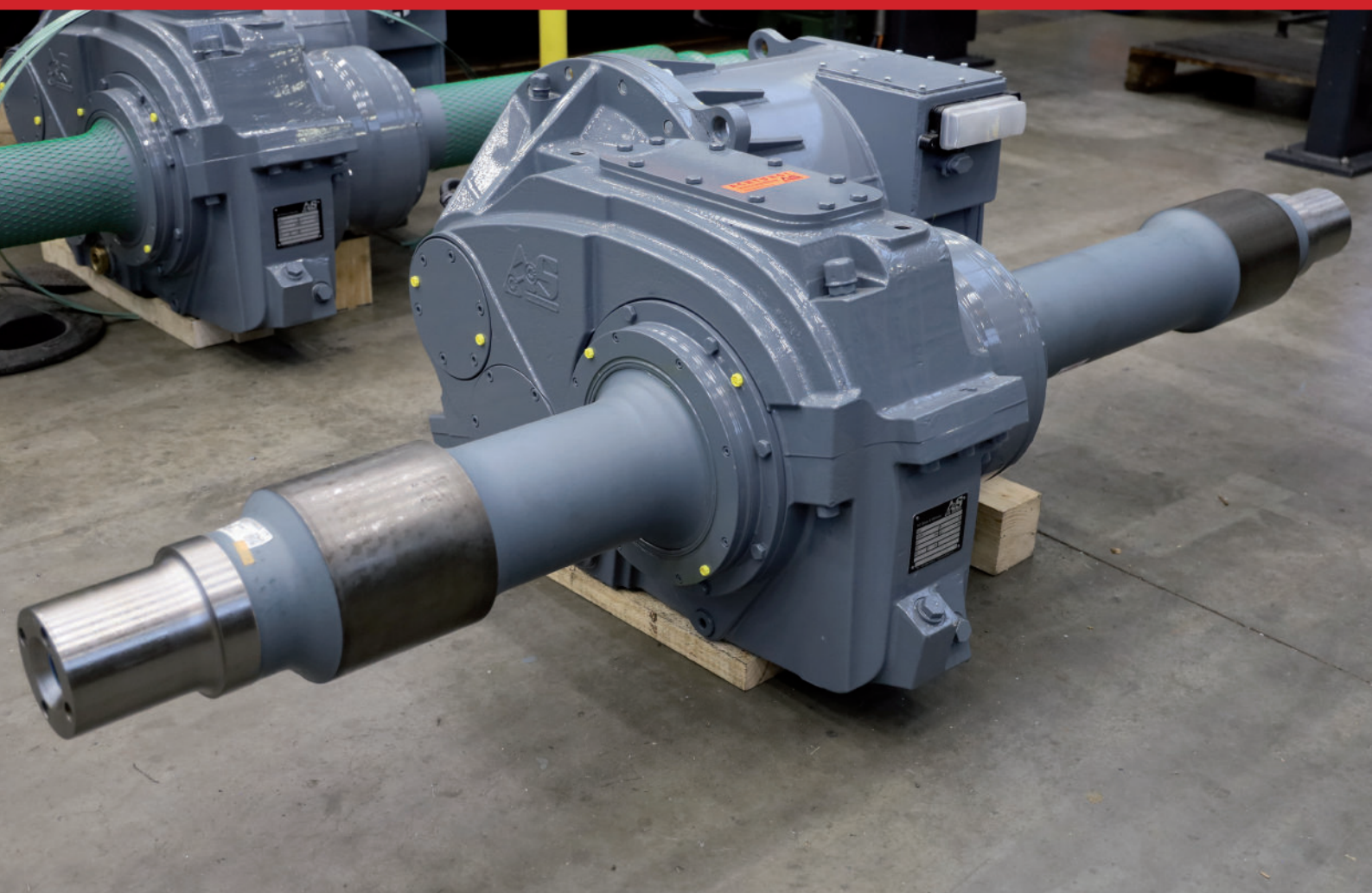




New drives for railway vehicles

References



AS-BSx-2-350y

Drive*

- Adjustable torque support
- Emergency catch
- With holding brake
- Without holding brake
- Electrically insulated membrane coupling with slip sleeve
- Shaft grounding
- Encoder Lenord & Bauer
 - With encoder wheel
 - Without encoder wheel

Gearbox*

- Ratio range $i = 5...15$
- Max. Input speed: 6000 rpm
- Weight (without oil, without RSW, with brakes): 400 kg
- Horizontal shaft distance: 350 mm
- Dimension center - lower edge: 257 mm
- Suitable and tested for slow and creep speed ($v \leq 0,5$ km/h)
- Various labyrinth designs
 - Oil mist
 - Water
 - Dust
 - Sand

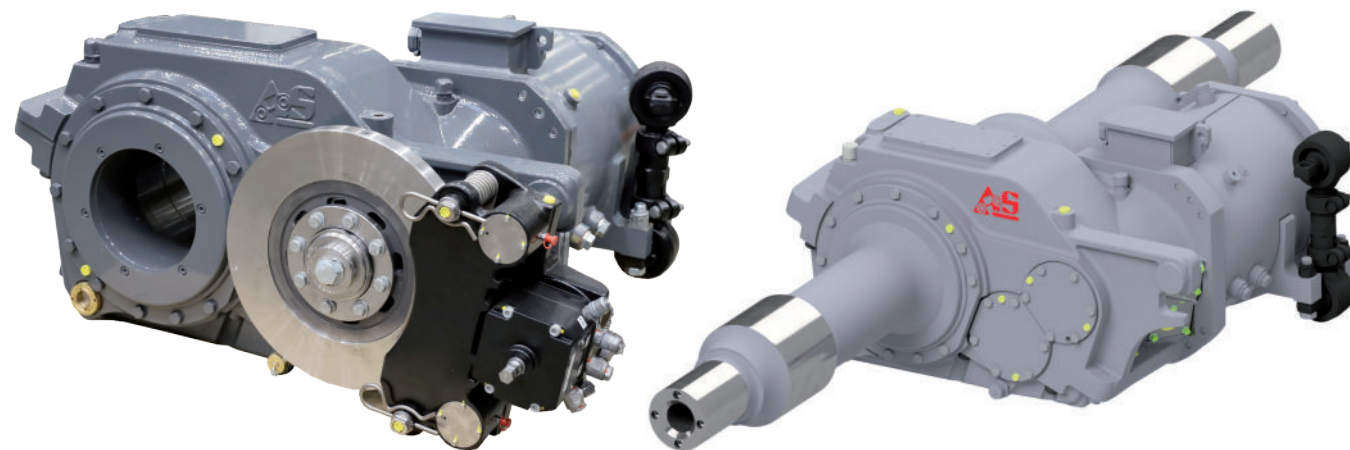
Output*

- With hollow shaft
- Without hollow shaft
- Wheelset shaft - $\emptyset$ in the gearbox: 160...231
- Permissible axle loads $\leq 14.5t$

Application*

- DIN 14033
- EN 13749
- Local transport
- Suitable for meter gauge

Additional technical data available upon request



AS-BSx-2-425y

Drive*

- 2 traction motor manufacturers
- 2 motor ventilation options
 - Water-cooled
 - Air-cooled
- 5 motor types
- Adjustable torque support
- Emergency catch
- Electrically insulated membrane coupling with slip sleeve
- Shaft grounding
- Encoder Lenord & Bauer
 - With encoder wheel
 - Without encoder wheel

Gearbox*

- Ratio range $i = 4...13$
- Max. Input speed: 6000 rpm
- Weight (without oil, without RSW, with brakes): 465 kg
- Horizontal shaft distance: 425 mm
- Dimension center - lower edge: 227 mm
- Suitable and tested for slow and creep speed ($v \leq 0,5$ km/h)
- Various labyrinth designs
 - Oil mist
 - Water
 - Dust
 - Sand

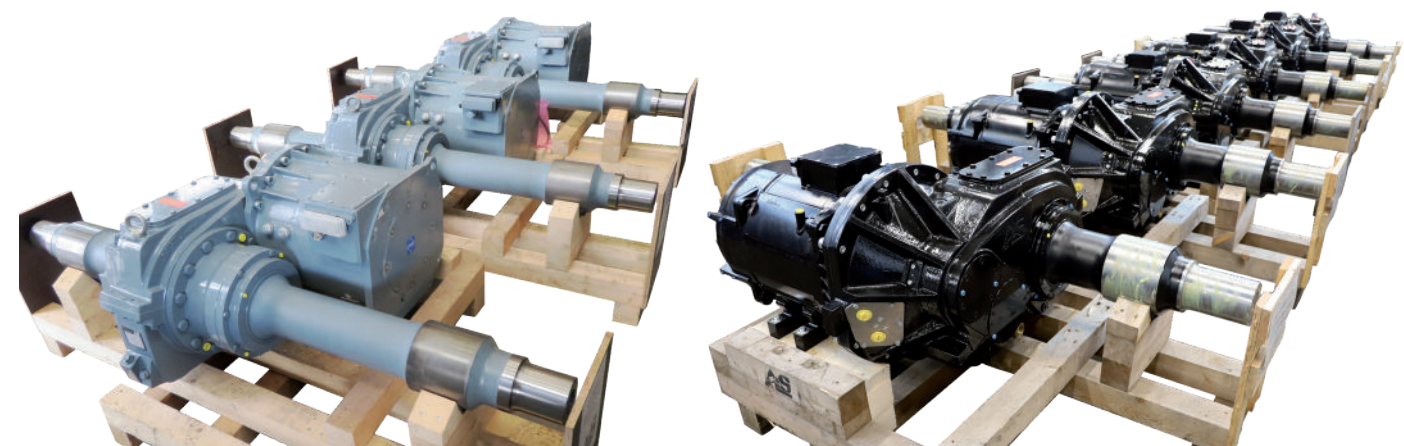
Output*

- With hollow shaft
- Without hollow shaft
- Wheelset shaft - $\emptyset$ in the gearbox: 160...231
- Permissible axle loads $\leq 18.5t$

Application*

- DIN 14033
- EN 13749
- Mainline railway
- Local transport
- Suitable for meter gauge

*Additional technical data available upon request



Low CO₂ footprint

- Multiple use of components
- Minimized lifecycle costs
 - Optimized oil stand times
 - Reduced oil quantity usage
 - Resource-optimized material use
 - Long product life
- Proactive with operational environmental impacts
 - Own combined heat and power unit
 - Emulsion splitting unit
 - Own photovoltaic system
- Installation in vehicles that are operated emission-free
- Local, certified manufacturers
 - Minimized CO₂ emissions
 - Increased climate compatibility

We are there for you



Markus Wahlers
Chief Executive Officer
+49 2864 9008 -168
+49 175 2222 075
m.wahlers@as-drives.com



Jan Brösterhaus
Key Account Manager
Railway
+49 2864 9008 -211
+49 170 7977 943
j.broesterhaus@as-drives.com



Stephan Dahlhaus
Head of Design
Railway & Maintenance
+49 2864 9008 -152
+49 170 2223 850
s.dahlhaus@as-drives.com



Meike Kref
Project Engineer
Railway
+49 2864 9008 -178
+49 175 2222 265
m.kress@as-drives.com



AS Drives & Services GmbH
Industriestraße 30
48734 Reken
Germany

info@as-drives.com
www.as-drives.com
Tel.: + 49 2864 9008 0
Fax: + 49 2864 9008 80

