

DRIVING

DIGITALIZATION



Agenda

Introduction

- Key Company Highlights
- Rail Vehicle Systems (RVS)
- Commercial Vehicle Systems (CVS)
- R&D Focus
- Financials
- Sustainability
- KB shares/ KB bonds
- Appendix



The Knorr-Bremse leadership team



Marc Llistosella, Member of the Board, CEO

- 2023-present: Knorr-Bremse | CEO
- 2021-present: Vaionic Technologies GmbH| Board Member and investor
- 2019-present: Einride AB| Board Member and investor
- 2008-2018: Daimler Trucks Asia | 2015-2018: President & CEO, Mitsubishi Fuso Truck & Bus Corporation; Head of Daimler Trucks Asia | 2008-2014: Managing Director & CEO, Daimler India Commercial Vehicles

Frank Weber Member of the Board, CFO

- 2020-present: Knorr-Bremse | CFO
- 2016-2020: Daimler AG | Head of Corporate Development
- 2019-2020: Mercedes-Benz AG | Head of Transformation
- 2013-2016: Daimler Trucks Asia | CFO
- 2011-2013 Mitsubishi Fuso Trucks & Bus Corporation | CFO
- Diploma in Bus. Administration



Dr. Claudia Mayfeld Member of the Board, Integrity & Legal

- 2021-present: Knorr-Bremse | Head of Integrity & Legal
- 2013-2019: RWE Pensionsfond | Member of the Executive Board
- 2016-2020: Innogy SE | Senior Vice President Group Legal & Compliance, General Counsel
- 2013-2016: RWE AG | Senior Vice President Group Legal & Compliance, General Counsel
- PhD in Accounting Principles



Bernd Spies Member of the Board, CVS

- 2022-present: Knorr-Bremse | Head of CVS
- 2014-2022: Knorr-Bremse | Member (2013-2015) and Chairman (since 2014) of the Management Board, CVS
- 2008-2013: Hella KGaA Hueck & Co | Member of the Management Board, Global Sales
- 2006-2008: Robert Bosch GmbH Head of Commercial Vehicles product division, Starters and Alternators
- Diploma in Electrical Engineering

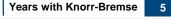
12



Dr. Nicolas Lange Member of the Board, RVS

- 2023-present: Knorr-Bremse | Head of RVS
- 2017-2023: Knorr-Bremse | Member (2017-2019) and Chairman (since 2019) of the Management Board, RVS 2009-2017: Senior Vice President CoC Bogie Equipment 2006-2009: Head of Development and Testing Brake Mechanics 2000-2006: Team Lead Technology and Development Brake Mechanics
- Doctorate in the field of Transmission Technology

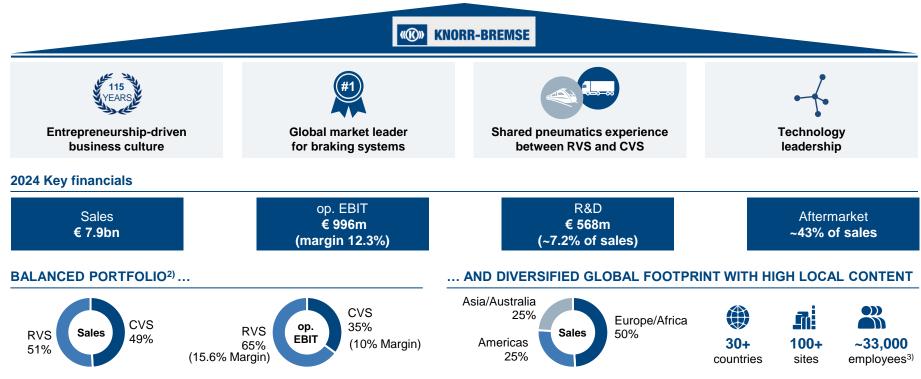
Years with Knorr-Bremse 25



Years with Knorr-Bremse

Years with Knorr-Bremse

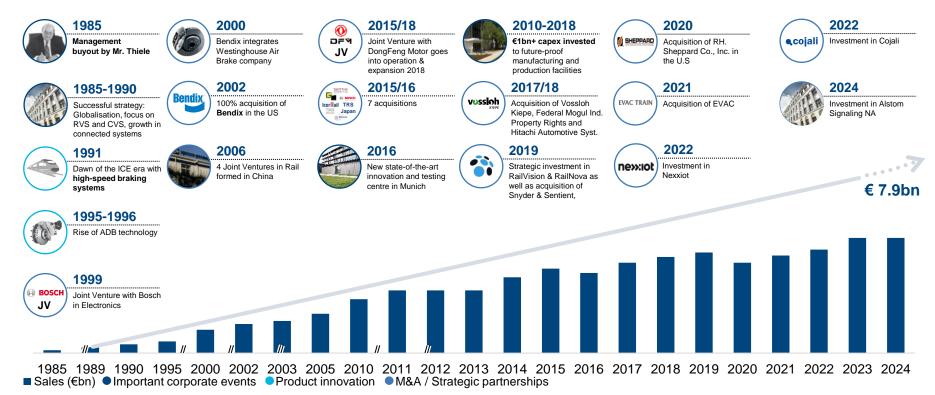
Knorr-Bremse – One of Germany's most successful industrial companies



Notes: Sales, EBITDA, EBITA, and EBIT for 2020 based on annual report prepared in accordance with IFRS, other financial figures for 2020 prepared in accordance with German GAAP (HGB); Aftermarket share based on German GAAP (HGB) where BilRUG sales allocated proportionally between OE and aftermarket; RVS – Rail Vehicle Systems; CVS – Commercial Vehicle Systems; 1) CAGR 1989–2019 based on German GAAP (HGB), 1989 – first year when consolidated accounts are available; 2) Excluding consolidation/other; 3) Including human resources leased staff; Source: Knorr-Bremse information



Over 30 years of consistent strong growth



Notes: 1986-2016 based on financial statements prepared in accordance with German GAAP (HGB) and 2017-2024 based on financial statements prepared in accordance with IFRS. 1) 1989 – first year when consolidated accounts are available





strengths

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Global market leader in rail and truck



Market leadership

A global market leader

~50% market share¹ in RVS brakes

~23% market share1 in CVS brakes



Track record of **above industry** growth



Shaping industry trends by focusing on safety and mission critical applications/ systems



High safety requirements

Key supplier with global core technology know-how and capabilities Clearly ahead in global **homologation** processes



Sustainability

Our technologies are the foundation for sustainable and safe transportation

Resilience

>40% aftermarket revenue share¹ Well-balanced portfolio

Close to customers

Cost-efficient operations



Focus on **attractive** rail and truck **end markets**

Global #1 – Leading supplier of safety-critical rail and commercial vehicle systems

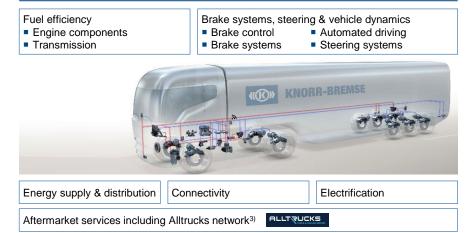
RVS offering (2024: 51% of revenues, 65% of EBIT)

Brake systems	Entrance systems	HVAC ¹⁾	RCC ²⁾	Couplers	



Aftermarket business

CVS offering (2024: 49% of revenues, 35% of EBIT)



Our customers

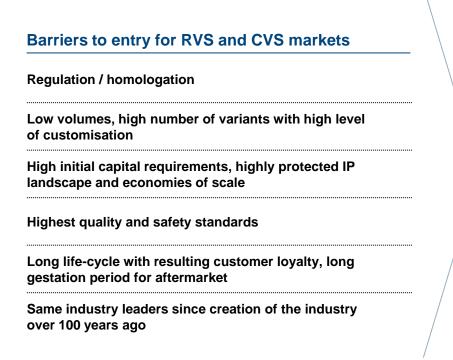
Modernisation and support





1) HVAC – Heating, ventilation and air conditioning; 2) RCC – Rail Computing & Communication; 3) Joint Venture between Bosch, Knorr-Bremse and ZF providing a range of workshop services relating to the repair and maintenance of commercial vehicles across all brands; 4) OEM – Original Equipment Manufacturer

Global #1 – ... protected by high barriers to entry



Market specifics

S

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CVS

Only supplier world-wide certified for all global and local standards and norms (GOST, UIC, AAR, ARA)

Vast array of product variants to homologate (e.g. >100k active brake articles by Knorr-Bremse)

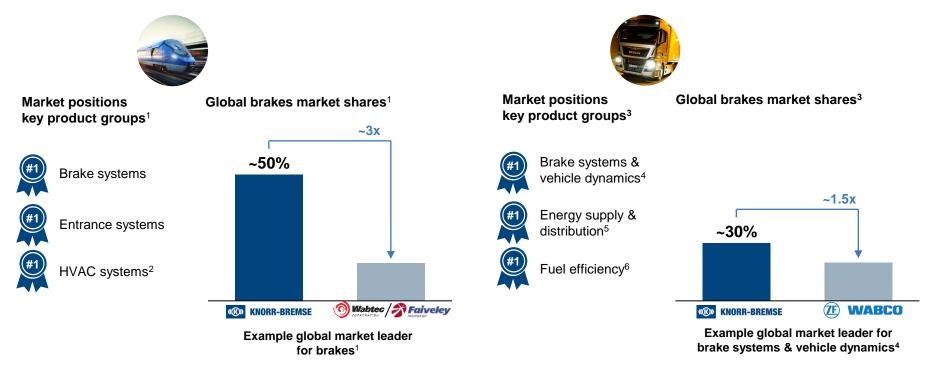
Homologation time typically 4-8 years for recent Knorr-Bremse products

One of only two suppliers able to offer harmonised products globally

Continuo	usly increasing safety and emission standards
requireme	nts



KB has maintained and expanded its market leading positions



1) 2020 estimates for OE and aftersales without labor; Wabtec includes Faiveley; For competitor, an estimate was used; Market shares rounded to the nearest multiple of 5% 2) Heating Ventilation Air Conditioning 3) For 2020 global addressable Truck, Bus and Trailer OE market, excl. aftermarket 4) Air disc brake, valves / pedal unit, actuators, foundation drum brake, steering, brake control (ABS, EBS, ESP), ADAS, ELC, others 5) Compressors, air treatment 6) Vibration dampers, engine air control, transmission – gear and clutch actuation/ control; Source: internal market research



Resilience – Strong business model

Strong resilience of growth and profitability

Different economic cycles

- ~50/50 split RVS and CVS (by sales)
- Different market drivers
 - Market cycle (CVS) vs. no cycle (RVS)
 - Mostly private customers like governments (RVS) vs. public investment (CVS)

High aftermarket share

- ~43% total sales¹⁾
 - 54% of RVS sales¹⁾
 - 32% of CVS sales¹⁾
- Large installed base globally



Diversified customer base

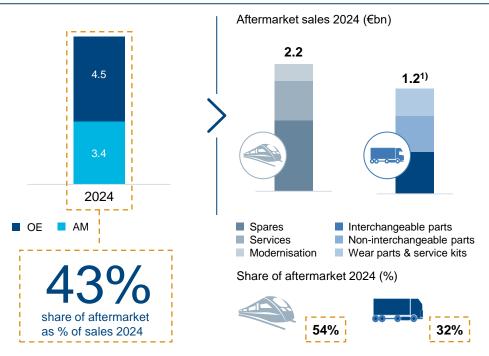
Partner to all major local and global players

Global footprint and local content

- High level of local content in manufacturing, purchasing and R&D
- Presence in 30+ countries with 100+ sites
- ~85% of employees outside Germany
- ~15% of employees in China, catering to local market

Resilience – Attractive aftermarket business with comprehensive service offering drives profitability and contains high future potential

Aftermarket is the growth and resilience backbone



Key features

Annuity-like

- Regulated maintenance intervals
- Leverages high installed base
- 20-30 years long relationships

Close to the customer

RVS

- 36 service centres¹⁾
- 20 service locations at customers' premises
- CVS
 - >1,600 certified service partners
 - >700 Alltrucks workshops

Strong customer retention (homologation)

- High switching costs
- Focus on safety and quality
- IP protection

Innovative business model

- New connectivity-based business models
- Preventive
- Predictive



Synergistic business – Technology and scale benefits between Rail and Commercial Vehicles

Interdependence of RVS and CVS

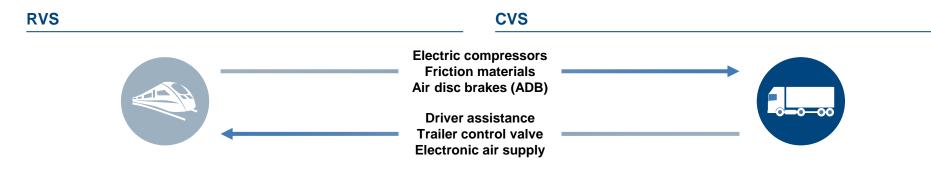
- Same core technologies
- Shared components and materials
- Co-located R&D centers
- Shared overhead functions

Future technology development

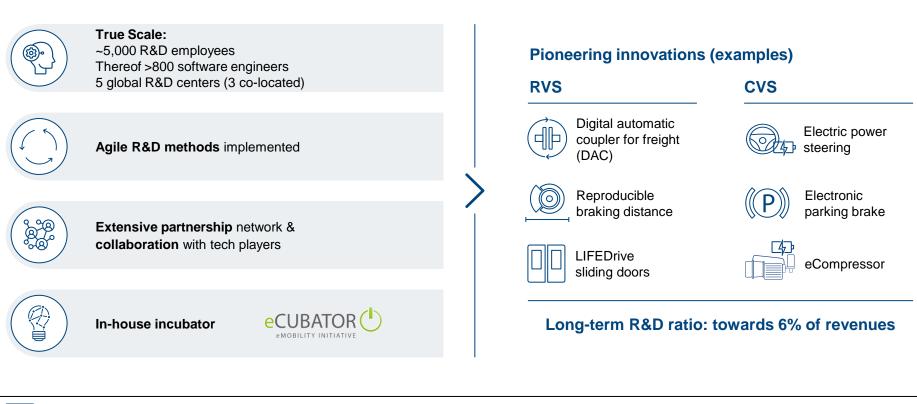
- Shared research centres
- Technology transfer
- Condition monitoring, condition-based and predictive maintenance
- Electrification and connectivity
- Electromechanical brake systems

Differences of RVS and CVS

- Serial business (CVS) vs. project business (RVS)
- Different customer groups
- Different industry standards in rail and truck



Innovation is the basis of KB's technology leadership and long-term success



We confirm our successful strategy

((1)) Systematically develop base portfolio

((2)) Focus on attractive segments for future outperformance in rail and truck

((3)) Drive innovation & digitalization

((4)) Clear M&A strategy



((6)) ESG and sustainability

((7)) Strong financial performance

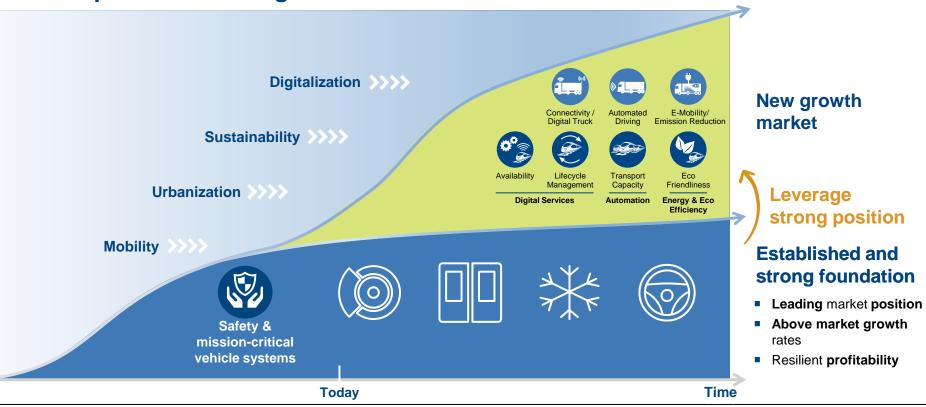




Knorr-Bremse is ideally positioned to shape the trends of the future



Knorr-Bremse will continue to grow its core business further and will also develop new levers of growth



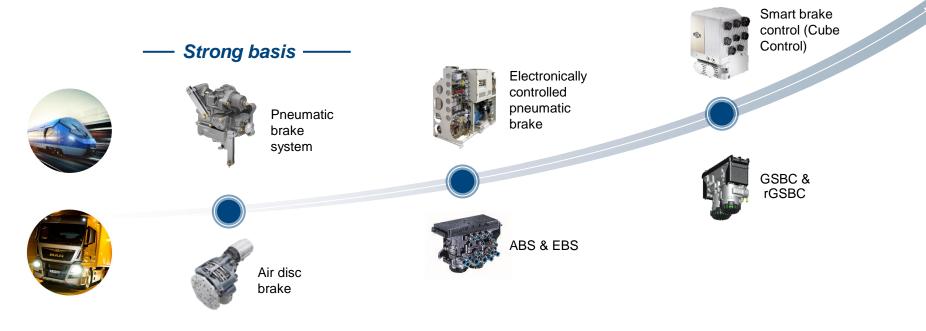


Knorr-Bremse continues to systematically develop its portfolio of mission critical products and digital solutions

Mechanical products

Mechatronic products

Smart & digital products





Digitalization empowers KB's growth engine



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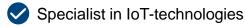




All-Makes workshop diagnostics

Telematics incl. remote vehicle diagnostics

Data analytics & big data



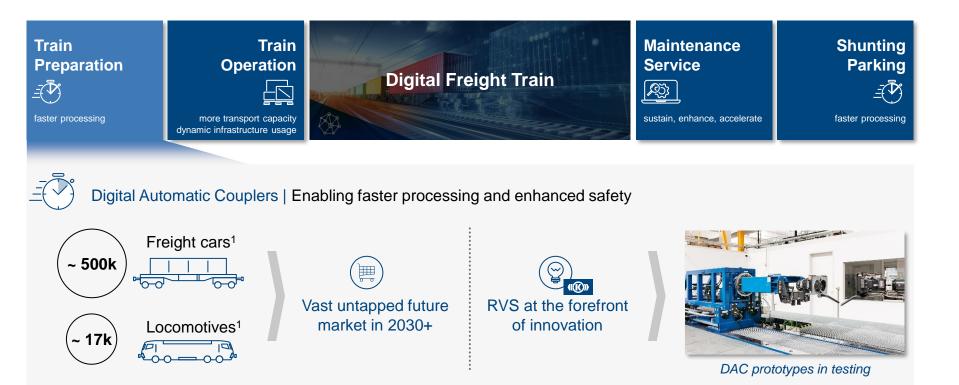


Cloud-based ecosystem

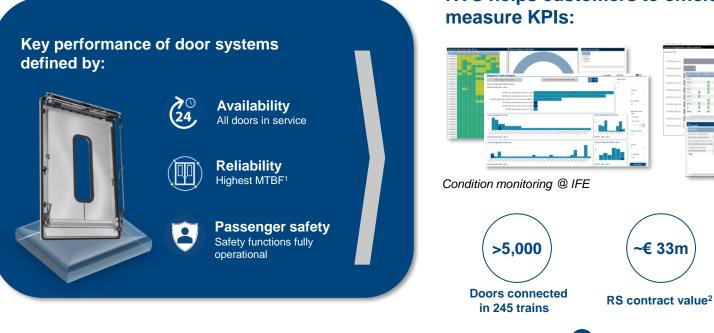




RVS in strong position to tap into digital automatic couplers



Condition monitoring to become a major source of digital offering



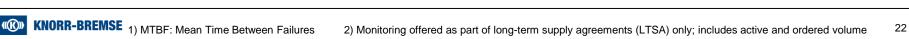
RVS helps customers to efficiently monitor and measure KPIs:

>15,000

Future potential

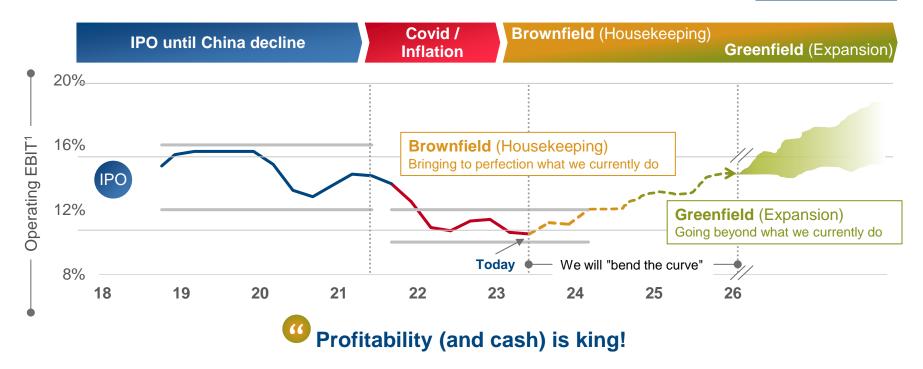
for connected doors

... Predictive maintenance to come next



We will "bend the curve" to bring KB to the next level

Illustrative



BOOST¹ program with clear responsibilities to reach the next level

BOOST 2026

Strategic initiatives	(Products	People			
(Housekeeping)	Revitalizing the core	Culture development	Efficiency programs (PCPP)		
	Portfolio right-sizing	Organizational transformation			
	Fix-it program	Talent mgmt. (HR Connect)	NWC optim. (Project Collect)		
	Renewal of innovation power		SG&A, legal entity reduction		
	Expansion of aftermarket		IT excellence (S4Hana)		
Greenfield (Expansion)	Driving digitalization (growth)	Strong EVP ²	Driving digitalization (efficien.)		
	Enabling ESG for our customers (incl. CO ₂ emission reduction)				
	Selective M&A				

Clear vision for 2026: Become strong capital goods company by successfully managing portfolio of robust assets



Targets 2026: Ambitious financial targets to drive value creation

Strong capital goods company



80-90% sustainably

Growth



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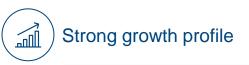


RVS: outperformance and resilience



Market leadership

Global #1 market leader across products and regions (e.g. ~50% market share in brake systems)



RVS with long track record of outperforming underlying markets



- Strong technology innovator shaping industry standards
- Continuation of R&D investments



High barriers to entry

- Safety-critical products with significant homologation barriers
- RVS only supplier certified for all standards and norms globally



- Expansion of business through customer-region-product mix
- Strong aftermarket (>50% revenue share)



Outstanding profit margins with track record of margin expansion and disciplined cost management



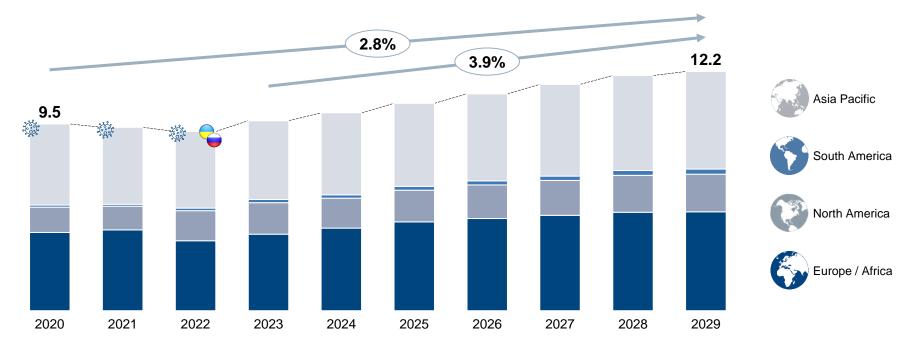
RVS: the leading safety critical systems supplier for rail with a track record of market outperformance



Notes: BilRUG sales allocated proportionally between OE and aftermarket; 1) RVS market share estimates for OE and aftersales without labour; 2) All active rail vehicles without freight cars with a minimum of one Knorr-Bremse system related to brakes, entrance systems and HVAC installed; 3) Total reported RVS sales growth including OE and aftermarket based on German GAAP (HGB) 2010-2016; from 2016 IFRS 4) BilRUG sales allocated proportionally between OE and aftermarket



Continuous market growth for all regions



Development of relevant sub-systems market volume¹ (OE + AM in €bn)

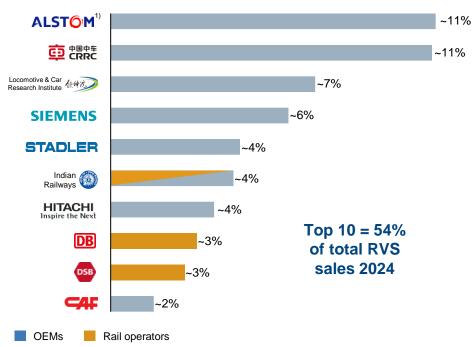


Customer structure

Global Tier-1 partner of choice for OEMs and rail operators in all regions



Top 10 customers 2024 (% of sales)



Other major Knorr-Bremse customers



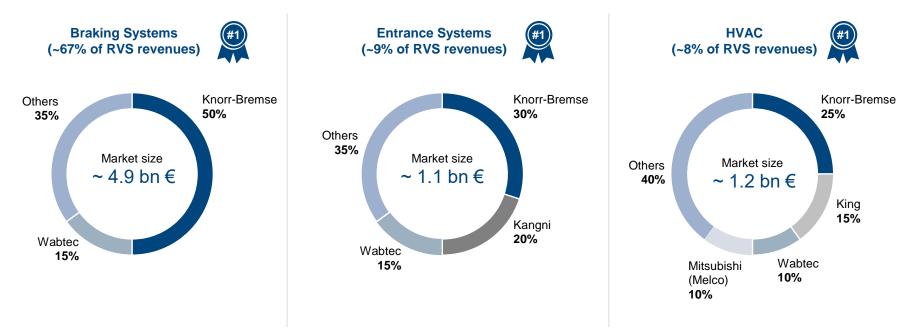
Notes: 2024 sales and customer data based on 31.12.2024; incl. Kiepe Electric (1M), incl. KB Signaling (4M); share of top 10 customers as % RVS sales 2024 may not add up due to rounding; 1) incl. ex-Bombardier, excl. JV

(III) KNORR-BREMSE



RVS holds global #1 position across key product categories

Global market share 2024¹ (% of revenues)



1) Market share based on deliveries, estimates for OE and AM without labor, rounded to the nearest multiple of 5%; For competitors, a price estimate was used; Note: Based on German GAAP (HGB); Source: Knorr-Bremse information and internal market research



Historic development of OE and AM business



Strong growth both in OE and AM

RVS sales by type (until 2017 German Gaap/HGB, 2018-2020 IFRS, €bn, 2010-2024)¹⁾





Aftermarket business will continue to be an important growth engine



) Opportunities



Use installed fleet



Modernization



New service models & digital solutions

 \cdot) Challenges

- Competition by OEMs, focussing more on service
- Insourcing and lifecycle costs optimization, incl. stretching overhaul cycles



RVS is the only supplier world-wide certified for all local standards and norms



... and long homologation time for each component

Typical time-to-market Major global standards 4 **Development** Certification Standard¹⁾ **Kev regions** (vrs)2) (vrs)2) 7 Unique configurations for vehicle types ŲíÇ \square 3 Brake subsystems PGGOST >100 Safety-critical components * ASSOCIATION OF AMERICAN RAILROADS 3 **Multiple** Country- and customer-specific variants AUSTRALASIAN RAILWAY ASSOCIATION 100k active brakes articles to homologate

Market protected by unique level of complexity ...

Combination of IP ownership and homologation creates high barriers to entry



1) GOST based on recent homologation process, other norms based on expert estimates by Knorr-Bremse; 2) Estimated average required "time-to-market" of a basic freight car solution

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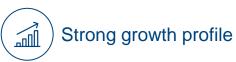


CVS with high-quality business model: outperformance and resilience



Market leadership

A global market leader increasing market share (~30% for brake systems & vehicle dynamics)



Continuously outperforming markets with rising content per vehicle



innovation

Technology leader with continuous significant investment in innovation and R&D



High safety requirements

Global key supplier with system know-how and vehicle dynamics capabilities



Strong aftermarket share (~32% revenue share), cost efficiency, regional diversification as well as track record in strong cost management execution

Profitability

> Technology differentiation, superior products, systems approach, scale advantage and consequent cost management

CVS: one of two global leaders with an outstanding position in braking and safety-relevant systems



Highlights 2024 key financials 2024 revenue split by region Global market position¹⁾ € 3.8bn revenues Asia 17% Europe 41% echnology leader 10 innova Americas 42% € 401m op. EBIT (10.4% margin) Global market share by end-market AM 32% ~13,500 Employees OE 32% aftermarket share 68%

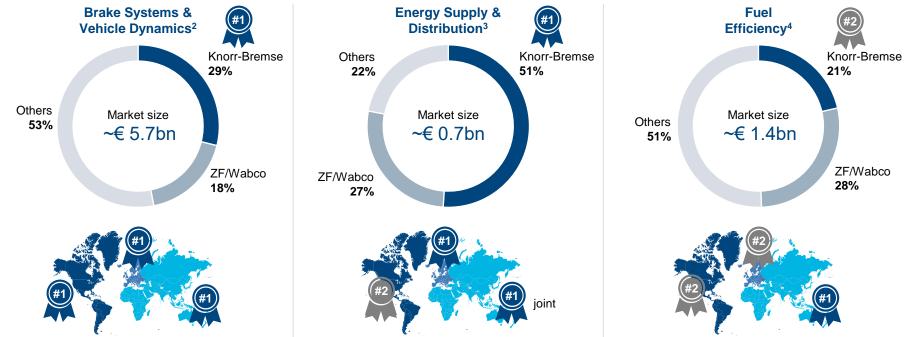
Knorr-Bremse is the partner of choice for global OEMs with long-standing relationships



Top 10 customers 2024 (% of sales) **Other major Knorr-Bremse customers** Years of relationship CATERPILLAR TR/\TON 🔞 SCANIA NAVISTAR 12% >90 BLUE BIRD PACCAR Poterbill DAF 11% >30 **9** KENWORTH DAIMLER FUSO WESTERN STAR (\mathcal{A}) FREIGHTLINER 7% >90 HYUNDAI Θ MAEK 7% >30 VOLVO ISUZU 3% >30 DEUT (97)) FOTON YUTONG 2% >5 IVECO 2% **Top 10 = 49%** >90 SA - fiolland KRONE of total CVS WEICHN 2% >5 sales 2024 7F 2% >30 ΤΛΤΛ FAW TRUCKS 1% >5

CVS is market leader in all major product fields

Global market share 2024¹ (% of revenues)



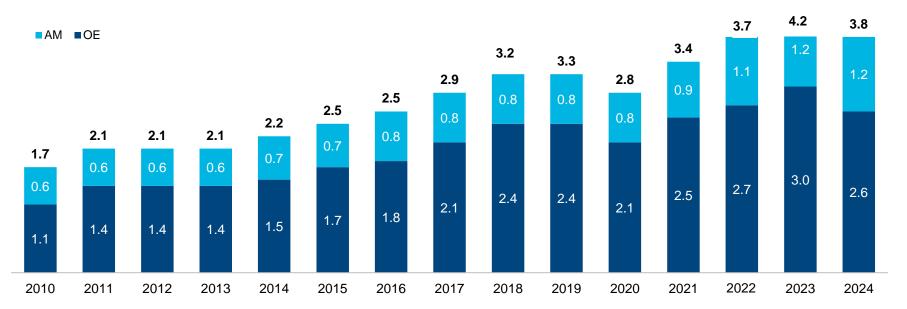
1) 2024 estimated addressable Truck, Bus and Trailer OE market, incl. "Brake Systems & Vehicle Dynamics (incl. Automated Driving)", "Energy Supply & Distribution" and "Fuel Efficiency"; excl. aftermarket; Knorr-Bremse data 2) Air Disc Brake, Valves / Pedal Unit, Actuators, Foundation Drum Brake, Steering, ABS, EBS, ESP, DAS, ELC; incl. segment Others 3) Compressors, Air Treatment 4) Vibration Dampers, Engine Air Control, Transmission – Gear and clutch actuation



Historic development of OE and AM business¹

Strong growth both in OE and AM

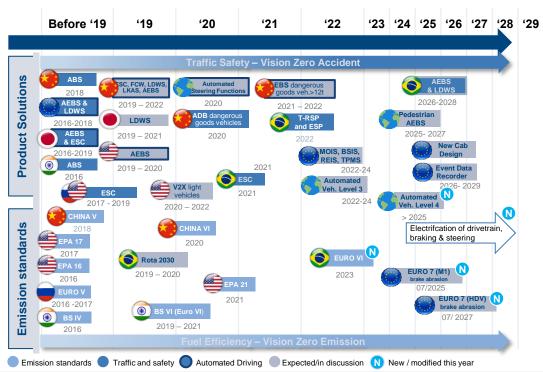
CVS sales by type €bn (HGB: 2010-2017 and IFRS: 2018-23)





Electrification, Brake Emissions and Software

Changes in Regulations as Growth Driver



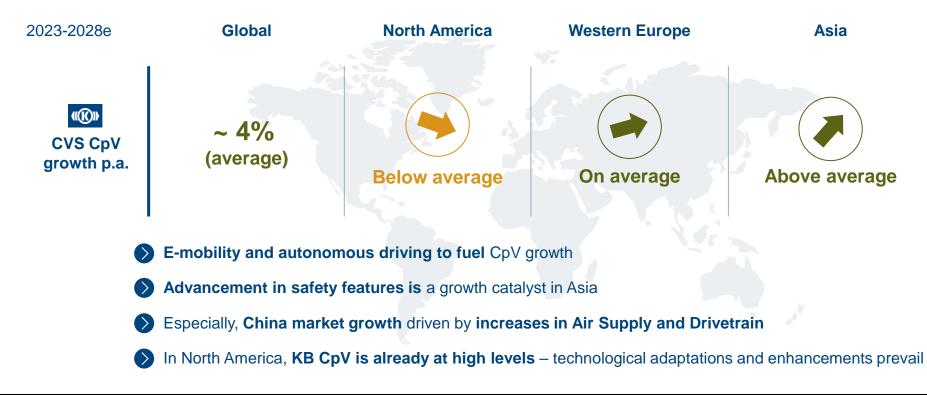






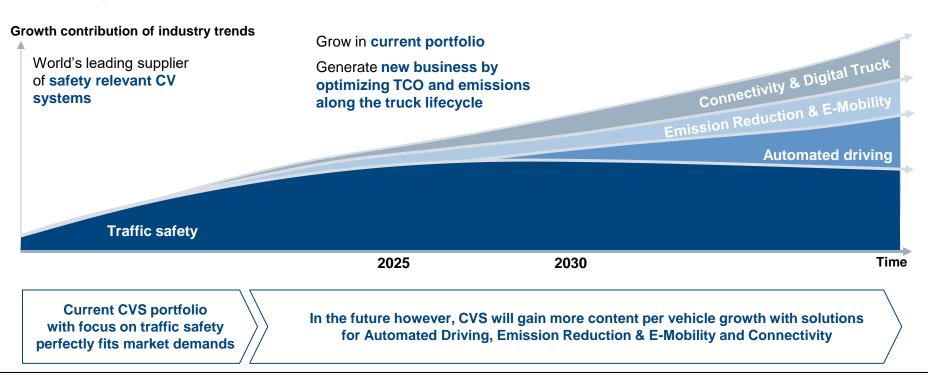
Legislative driven standards and new emission rules foster demand for Knorr-Bremse solutions

Higher Content per Vehicle (CpV) will fuel CVS's growth in the future



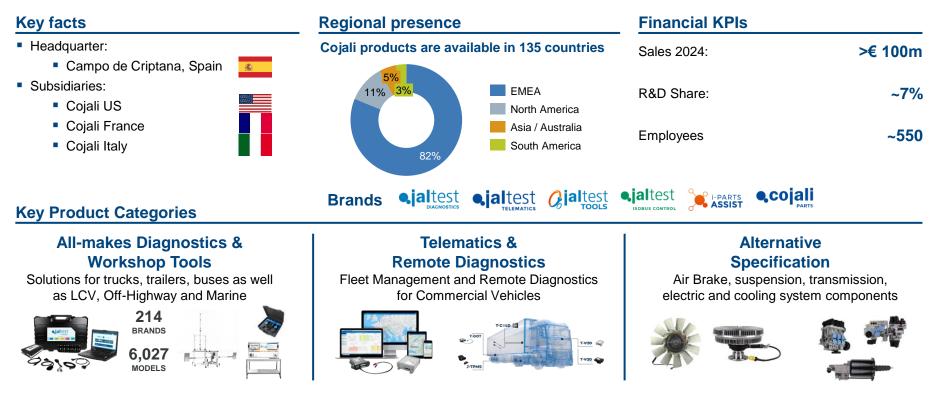
New growth areas for CVS

Illustrative growth potential



cojali

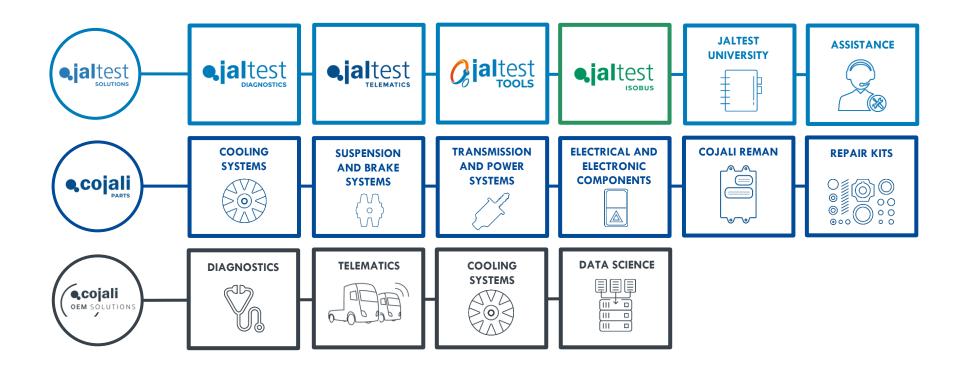
The Cojali Group is a Spanish Diagnostics expert with strong offerings in All-Makes Diagnostics, Remote Diagnostics and Alternative Specification





•,cojali

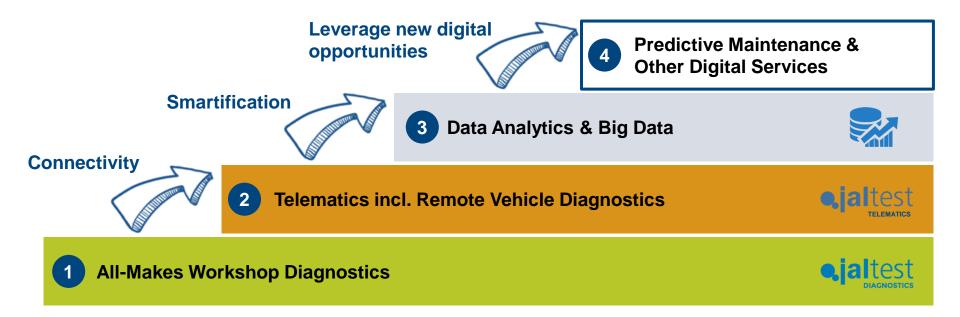
Cojali's product offerings





•,cojali

Cojali enables Knorr-Bremse to strengthen its position as system supplier in the global growth market of digital solutions and data-driven services

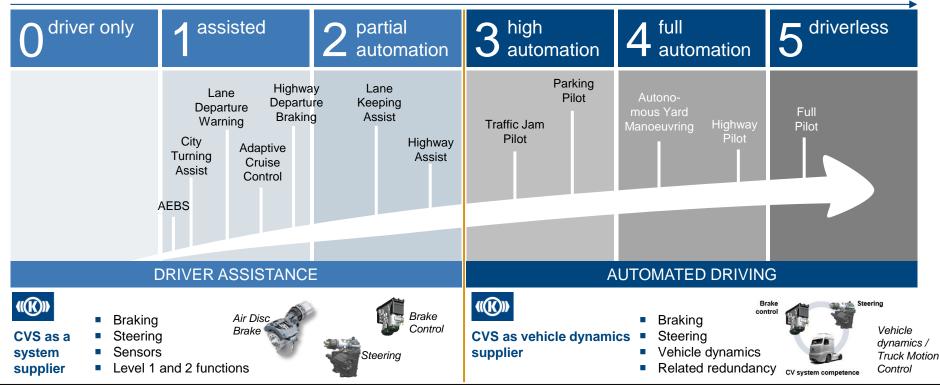




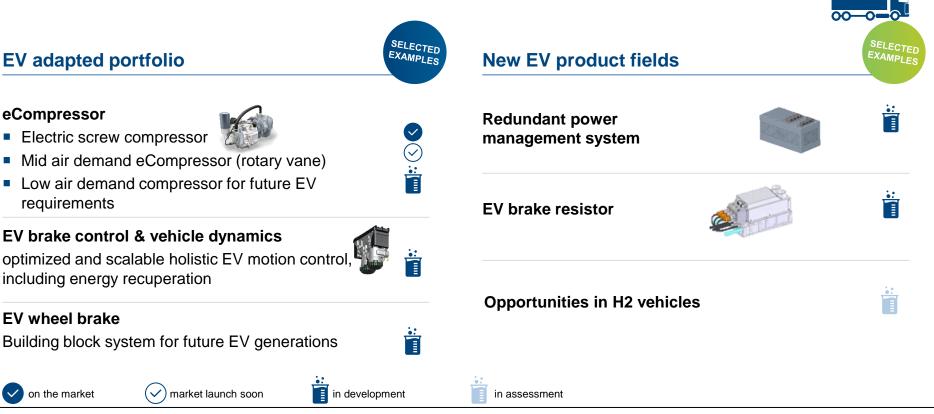
CVS offers both driver assistance and automated driving solutions



degree of automation



CVS is offering a broad product portfolio for electric trucks



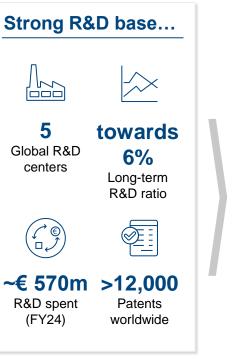
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Focused R&D investments define product roadmap for KB



...to shape product innovation¹...

Roll-over products:

Electric Power Steering

Product upgrades:

Condition monitoring

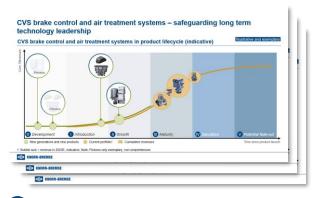
New products:

Digital automatic coupler

Scope increases:

Aftermarket ecosystem

...with effective tracking in place







Rigorous monitoring of S-curves along maturity stages



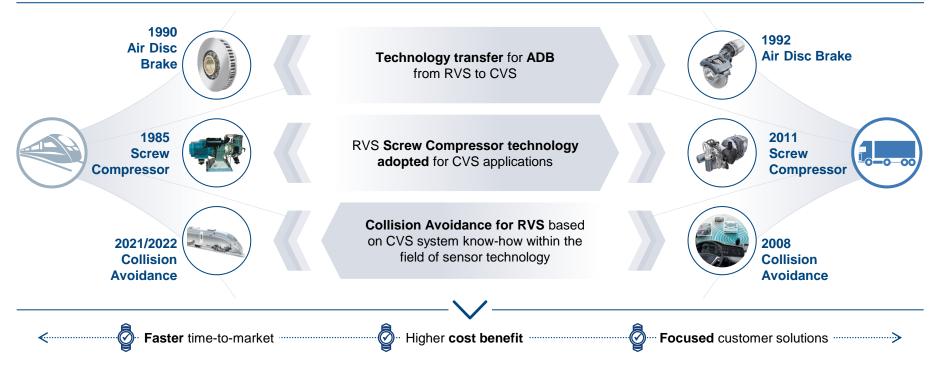
Analysis of roll-over products / substitution and new products

1. Including examples



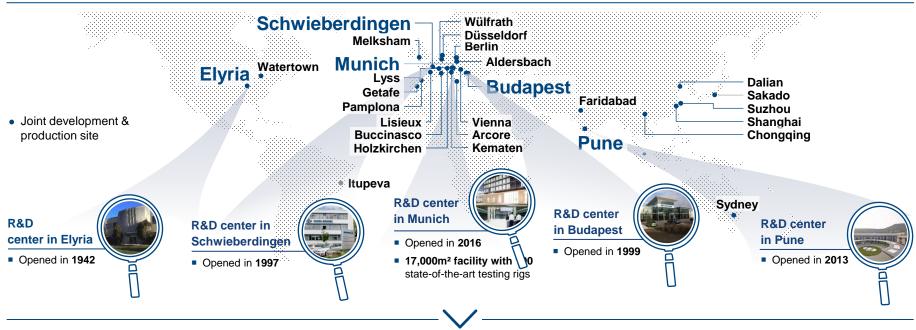
R&D: Synergies and cross-proliferation

Cross-divisional R&D examples



Leveraging Knorr-Bremse's synergies & partnerships: centres of excellence as basis for sustained technology leadership

Globally Σ ~5,000 FTE

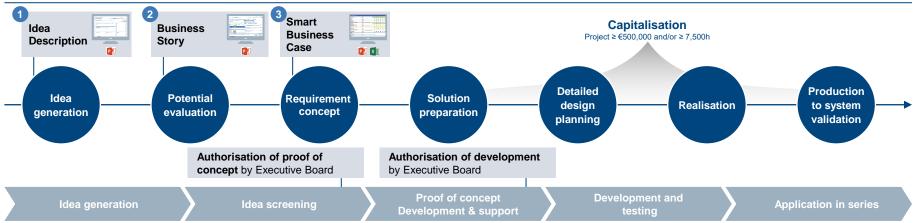


Knorr-Bremse's innovations are supported by a network of specialized development centres with joint production and R&D



Knorr-Bremse deploys structured and effective processes to drive innovation results

Knorr-Bremse R&D process



Knorr-Bremse's innovations are designed for clear customer impact...

- Optimisation of TCO¹⁾
- Reduction of energy consumption, noise, weight
- Safety & reliability
- Connectivity, wireless solutions, ethernet
- Adaption to regulation

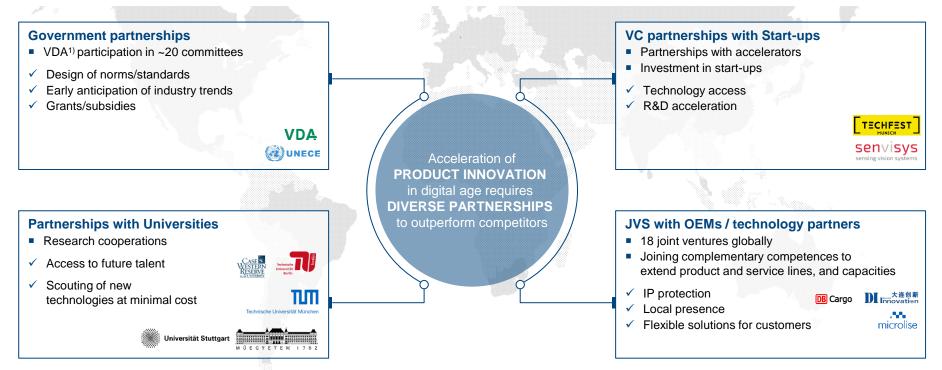
...and maximum economic benefit for Knorr-Bremse

- All projects assessed based on NPV²)
- Prioritisation of projects according to IRR³⁾
- Optimise time-to-market
- Short payback time of investment
- Ability to leverage innovation across customer portfolio

Notes: 1) TCO refers to total cost of ownership; 2) NPV refers to net present value; 3) IRR refers to internal rate of return

(INCOMPANIE) KNORR-BREMSE

Close co-operation with customers & strategic partners



Countries Knorr-Bremse is present

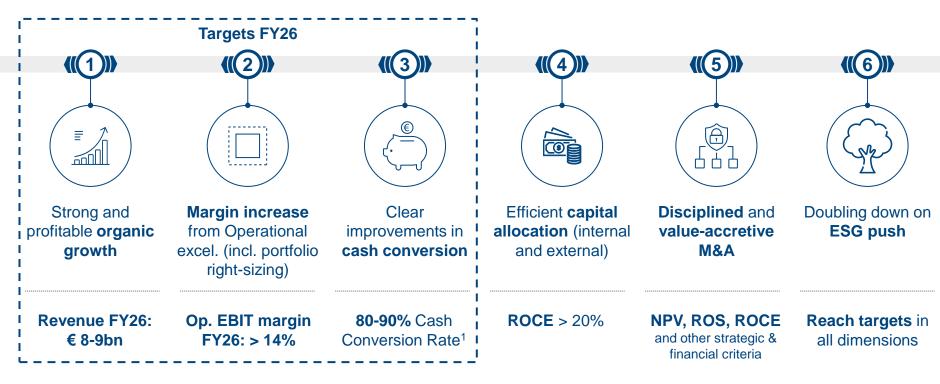
Notes: 1) VDA - Verband der Automobilindustrie (German Association of the Automotive Industry)

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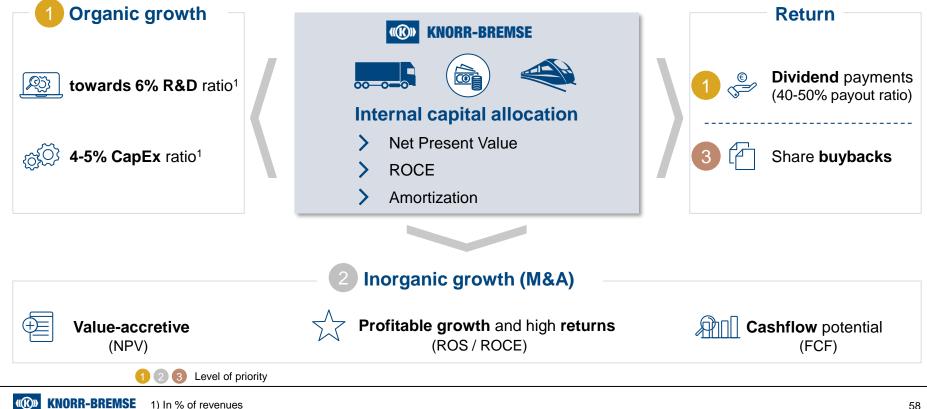
Financial Strategy | KB target picture translates into clear financial targets supporting profitability growth



1. CCR: Cash Conversion Rate = FCF / Net Income



Capital Allocation | Our clear priorities 1 - 3 to safeguard efficient capital allocation



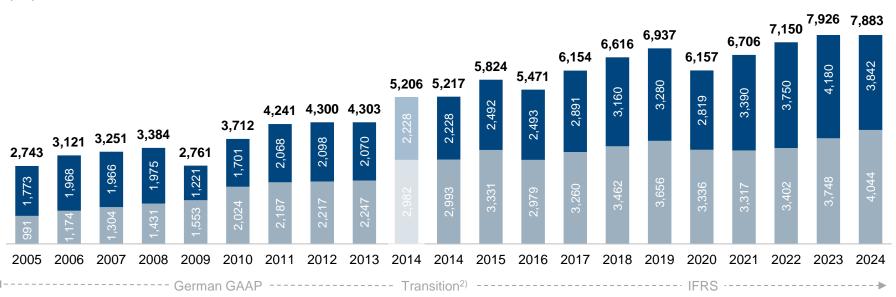
M&A | Disciplined approach based on a holistic set of updated M&A criteria will guide future acquisitions as add-on to organic growth

Financial guardrails for larger transactions **Strategic focus** €) No larger Capital goods (no automotive) Value-accretive restructuring cases (<€ 50m revenue) Positive NPV and No significant barriers Soft / hard synergies and / or KB as to integration ⊘ Size | High returns best owner **Profitable** Contribution of strong > 20% ROCE growth and AM business midterm EBIT margin of > 14% Leverage must OE, aftermarket and / or services midterm. support investment Growth potential ----> grade of KB and / or Strong cashflow **Expansion beyond** potential Digital capabilities and / or solutions **RVS and CVS FCF** accretive midterm (Greenfield) only if KB is best owner

Track record of strong and sustainable top-line growth ...

Historical sales¹⁾²⁾ by division

(€m)



RVS CVS

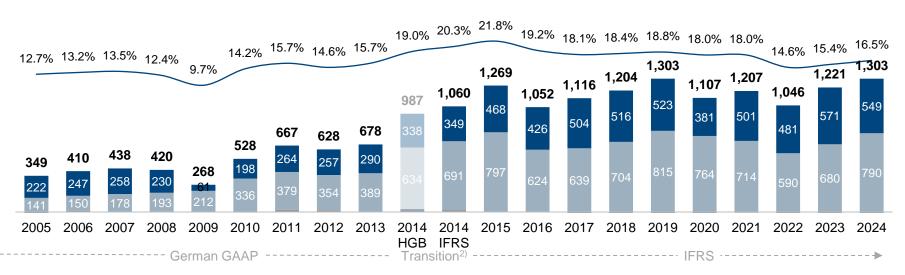
Notes: 1) Divisional historic figures do not add up to group sales excluding consolidations/other; 2) 2014 represents the first year that Knorr-Bremse prepared its financial statements in accordance with IFRS. Prior to 2014, financial statements were only prepared in accordance with German GAAP (HGB). IFRS differs in certain aspects from German GAAP (HGB), and accordingly data presented in accordance with German GAAP (HGB) may not be comparable to data prepared in accordance with IFRS; Source: Knorr-Bremse information



... combined with disproportionate EBITDA growth

Historical EBITDA¹⁾²⁾ profitability

(€m)

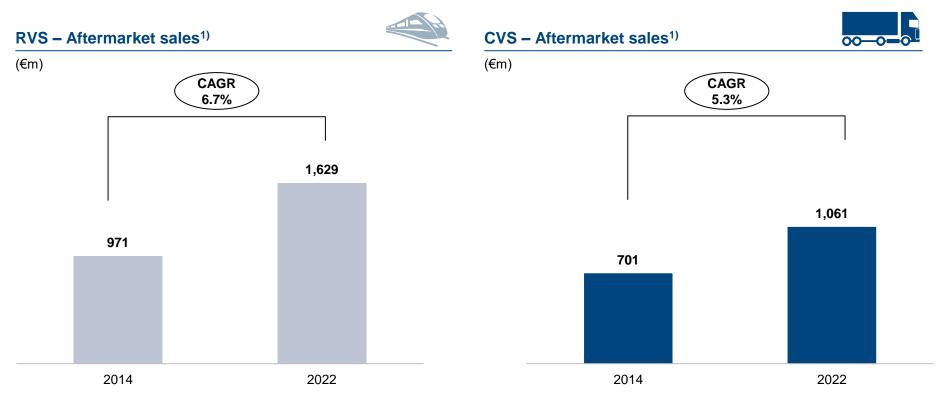


RVS CVS — EBITDA Margin (%)

Notes: 1) Divisional historic figures do not add up to group sales excluding consolidations/other; 2) 2014 represents the first year that Knorr-Bremse prepared its financial statements in accordance with IFRS. Prior to 2014, financial statements were only prepared in accordance with German GAAP (HGB). IFRS differs in certain aspects from German GAAP (HGB), and accordingly data presented in accordance with German GAAP (HGB) may not be comparable to data prepared in accordance with IFRS; Source: Knorr-Bremse information



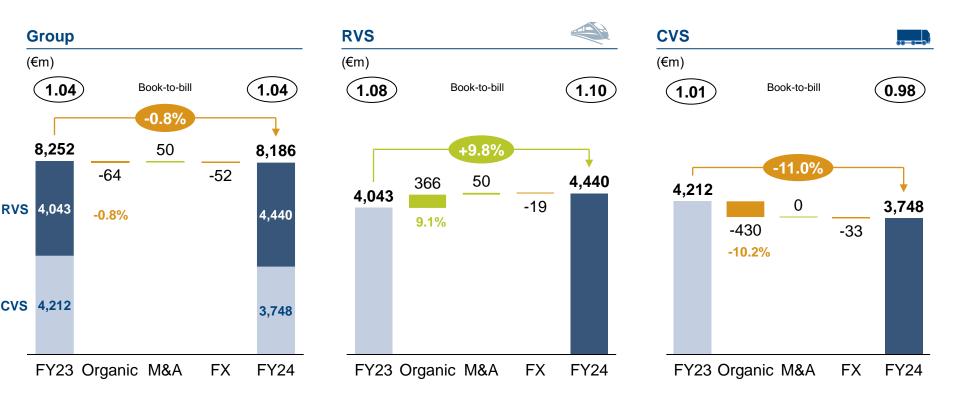
... all supported by solid aftermarket sales growth



Notes: 1) Based on IFRS; BilRUG sales allocated proportionally between OE and aftermarket

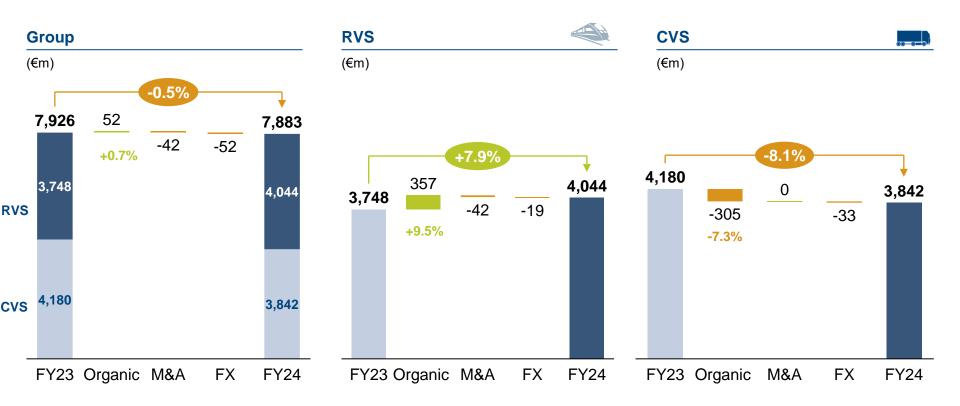


FY24: order intake for Group, RVS & CVS



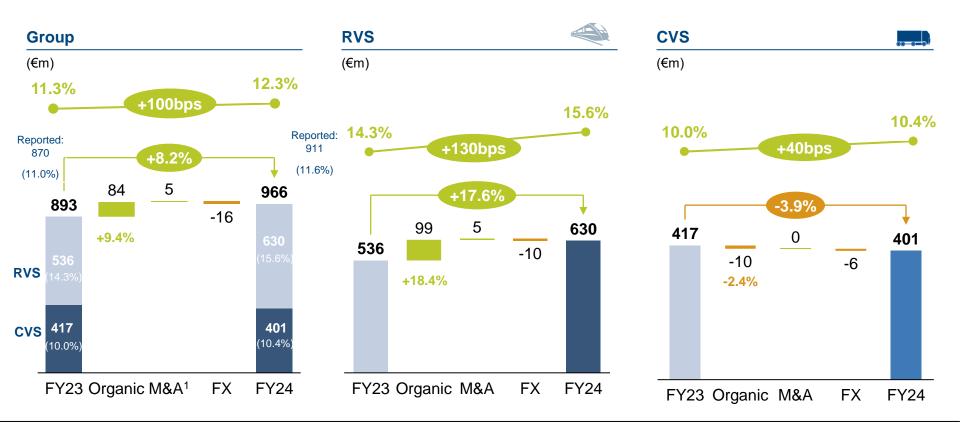


FY24: revenue for Group, RVS & CVS

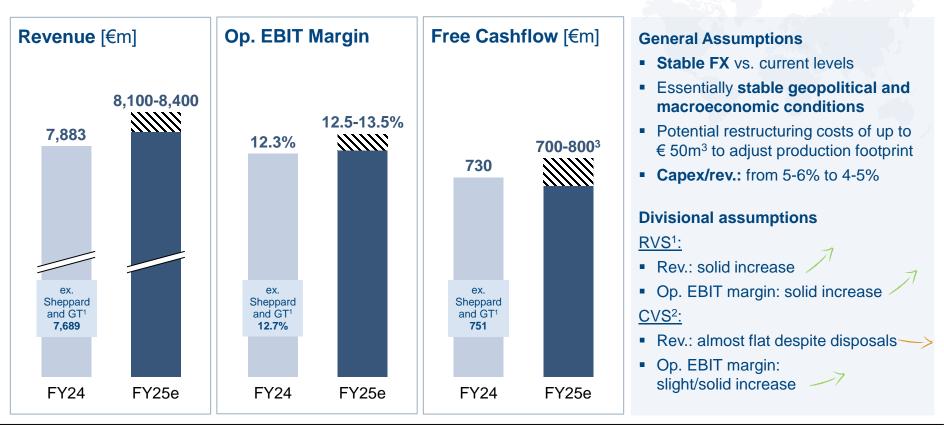




FY24: op. EBIT for Group, RVS & CVS



Group guidance FY25



(IC) KNORR-BREMSE

1) KB Signaling consolidated since 09/24 2) R.H. Sheppard was deconsolidated in 12/24 and GT in 01/25 3) Partly recognized in FCF guidance for 2025, not in op. EBIT margin

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We enable Safe & Sustainable Mobility: Sustainability Management at a Glance



Our purpose: We enable sustainable and safe mobility – We innovate for a better society and environment



Our strategy: Sustainability embedded as fundamental, cross-cutting element in our corporate strategy and business model



Our longstanding commitment: Long-term sustainability strategy and sustainability governance structure established since 2008

A A	Product innovation for emission- and energy-efficient mobility
A)	Driving circularity across the product life cycle
	Climate targets validated by SBTi
	Highest priority on product and system safety
	Social commitment with a long track-record
	High employee satisfaction
	Sustainable supply chain management
	Integration of sustainability into corporate financing
	Sustainability reporting since 2011

Sustainability is a fundamental layer of Knorr-Bremse's corporate strategy

ESG: Anchored in our Vision for 2026...

... and managed within a clear framework.





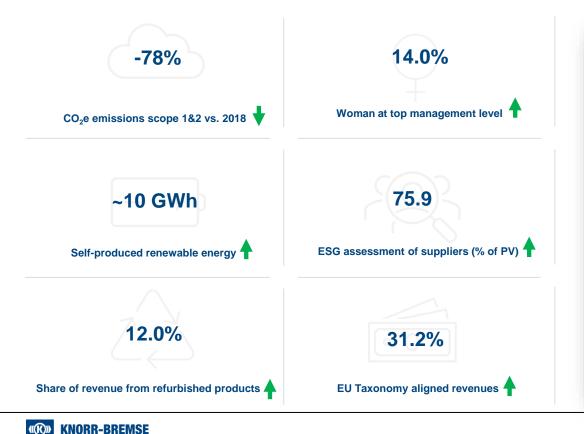
Strong Governance to steer Sustainability within the company

High-level ESG-Board **Executive Board, Divisions &** Regions, Global Care e.V. & Sustainability represented Minimum four meetings per year Strategic guidance, target & program monitoring, overall steering



A strong operative ESG Network¹ for implementation

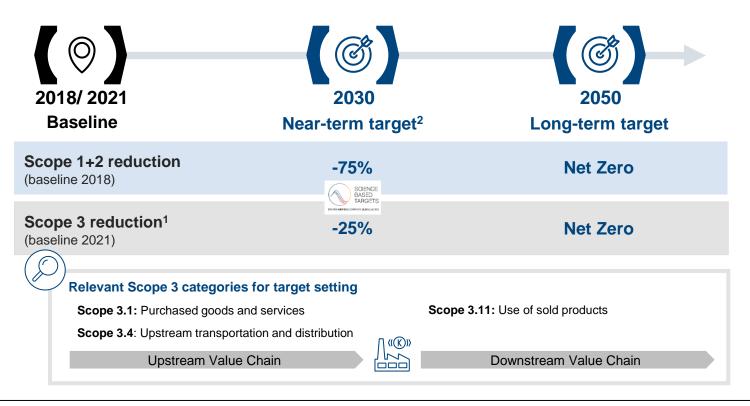
Sustainability activities consistently driven forward in 2024



Execution highlights 2024

- Inaugural Green Bond successfully placed
- First CSRD-aligned Sustainability Report
- Sustainability targets further integrated in Top-Management Remuneration Schemes
- Fully on track to reach Scope 1&2 climate target of -75% in 2030 (base year 2018)
- Human Rights Risk Analysis according to LkSG finalized
- Strong ESG Rating Performance

Our way to net zero: ambitious near-term as well as long-term targets set





1 Relevant Scope 3 categories: Scope 3.1: Purchased goods and services; Scope 3.4 Upstream transportation and distribution and Scope 3.11: Use of sold products 2 SBT – science-based target: validated by the SBTi

Knorr-Bremse Climate Strategy 2030 focuses on six key levers to achieve GHG emission reduction for Scope 1-3

$\underbrace{\bigcirc}_{\text{lnr}} \text{Increase of } CO_2 e- \text{ and energy} \\ efficiency:$

Implementing energy efficiency improvement measures and use of low/zero-carbon fuels in heating systems and in the corporate car fleet

Self-generation of renewable energy:

Increasing the share of renewable energy produced at Knorr-Bremse locations



Purchase of renewable energy:

Ensuring high share of renewable energy purchased, using green power tariffs, power purchase agreements, and green electricity certificates



Decarbonization of the supply chain:

Sourcing production materials with low GHG intensity, e.g., driven by clean production processes, high shares of recycled content etc.

Increase of product efficiency and decarbonization of the use phase:

Providing innovative product and service solutions that enable energy and GHG efficiency in mobility

Decarbonization of power sector in our markets:

This passive lever is not directly within our control, but supports our decarbonization strategy and helps our customers

(INDER: SERVICE) KNORR-BREMSE

Social commitment on local and global level has a long track-record at Knorr-Bremse

Social Commitment Globally Environment Social Cohesion SAFE SPAC

Our cooperation with Safe-Hub

Knorr-Bremse Local Care

- Support of a broad range of social activities such as donations, corporate volunteering or "Get-Involved-Initiative"
- Focus areas: environment, health, education, social cohesion
- Proximity to Knorr-Bremse sites worldwide
- Around 1,200 employees participated in > 490 projects in 2024
- € 1.5 million donated in 2024

Knorr-Bremse Global Care

- Globally active non-profit organization set up by Knorr-Bremse employees
- Targeted long-term project partnerships in the fields of education and WASH (water, sanitation, hygiene) aligned with SDG 4 and SDG 6 of the United Nations
- € 3.2 million donated in 2024

ESG ratings: very strong positive perception of KB ESG performance

Rating	Score type	Latest score	Reporting year	Previous result	Description
S&P Global	ESG score (0-100)	55	2023	51	Knorr-Bremse scored 55 out of 100 points (2023: 51, 2022: 50), reflecting an improvement of four points since the last years. <i>(as of September 2024)</i>
MSCI 🛞	ESG rating (CCC – AAA)	AA (7.4)	2024	AA (8.5)	Knorr-Bremse's rating of "AA" was confirmed again for the reporting year 2024 (2023: AA, 2022: AA), which is the second-best of seven categories. (as of January 2025)
ISS <mark>E</mark> SG⊳	ESG rating (D- – A+)	B- (prime)	2023	B- (prime)	Knorr-Bremse has maintained its Prime Status "B-" in 2024 (2023: B-, 2022: C+). This puts Knorr-Bremse in the top 11% of companies in its industry. (as of September 2024)
ম CDP	ESG rating (climate: D – A)	A- (climate)	2023	A- (climate)	Knorr-Bremse has received a CDP rating of "A-" for the second time in a row for transparency and performance in climate protection (2023: A-, 2022: B). This puts Knorr-Bremse at the CDP Leadership Level. (as of February 2025)
	Risk score (100 – 0)	16.6 (low risk)	2023	12.3 (low risk)	Knorr-Bremse received an ESG Risk Rating of 16.6 and was assessed to be at low risk (top 5% within its peer group). (as of November 2024)
ecovadis	ESG "medal" (no medal – Platinum)	Gold	2022-2023	Silver	Knorr-Bremse is currently scored with Gold (2023: Silver status; 2022: Silver status) and is therefore among the top 3% of companies in the comparison group. (as of April 2024)
	ESG score (0 – 100%)	76-93%	2024	75-92%	

For more information, refer to our Sustainability Reporting





Sustainability Report 2024 as integral part of the Annual Report in accordance with CSRD (Corporate Sustainability Reporting Directive)

Sustainability Figures 2024



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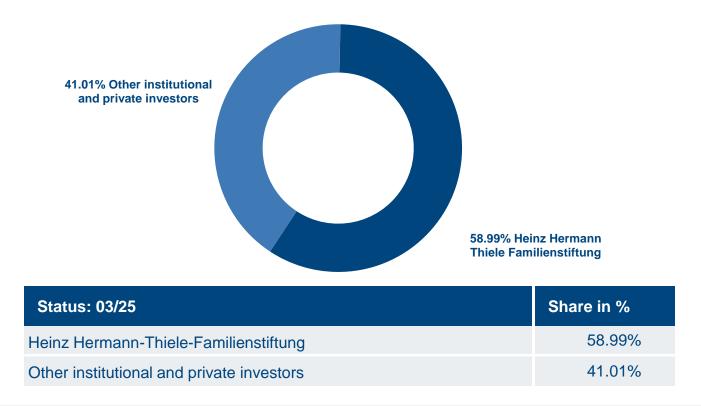
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Share data

Share data	
Type of share	Bearer shares with no-par value
Bloomberg ticker	KBX
Reuters ticker	KBX.DE
German security identification number (WKN)	KBX100
ISIN	DE000KBX1006
Shares outstanding as at December 31, 2018	161.200.000



Shareholder structure of KB shares





Bond Data

About the bond	Knorr-Bremse Bond issued 09/2022			
lssuer	Knorr-Bremse AG			
Bond-Rating at issuance	A2/outlook negative (Moody's), A-/outlook stable (Standard & Poor's)			
Volume	700 mEUR			
Term	5 Year			
Settlement	September 21, 2022			
Maturity	September 21, 2027			
Coupon	3.250% p. a.			
Reoffer spread	3.311% p.a.			
Listing	Regulated Market of the Luxembourg Stock Exchange			
Denomination	EUR 100,000			
Applicable law	German law			
Bookrunners	Deutsche Bank, HSBC and UniCredit			



Bond Data

About the bond	Knorr-Bremse Bond issued 09/2024			
Issuer	Knorr-Bremse AG			
Bond-Rating at issuance	A3/outlook stable (Moody's)			
Volume	600 mEUR			
Term	5 Year			
Settlement	September 30, 2024			
Maturity	September 30, 2029			
Coupon	3.000% p. a.			
Reoffer spread	3.175% p. a.			
Listing	Luxembourg, Regulated Market of the Luxembourg Stock Exchange			
Denomination	EUR 1,000			
Applicable law	German law			
Bookrunners	Deutsche Bank, UniCredit and HSBC			



Bond Data

About the bond	Knorr-Bremse Bond issued 09/2024			
Issuer	Knorr-Bremse AG			
Bond-Rating at issuance	A3/outlook stable (Moody's)			
Volume	500 mEUR			
Term	8 Year			
Settlement	September 30, 2024			
Maturity	September 30, 2032			
Coupon	3.250% p. a.			
Reoffer spread	3.443% p. a.			
Listing	Luxembourg, Regulated Market of the Luxembourg Stock Exchange			
Denomination	EUR 1,000			
Applicable law	German law			
Bookrunners	Deutsche Bank, UniCredit and HSBC			



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Glossary (1/2)

%	Percentage	CFO	Chief Financial Officer	ELC	Electronic leveling control
ABS	Anti-lock brake system	CKR	Czech Koruna	EOP	End of period
ACC	Adaptive Cruise Control	CNY	Chinese Yuan	ESG	Environment, Social, Governance
AD	Automated Driving	CR	Corporate Responsibility	ESP	Electronic stability program
ADAS	Advanced driver assistance systems	CVS	Commercial Vehicle Systems	EU	Europe, European Union
ADB	Air Disk Brake	D&A	Depreciation & Amortization	EUR	Euro
AEBS	Advanced Emergency Braking System	DE	Germany	FTE	Full-time equivalent
AG	Aktiengesellschaft (German: Stock Corporation)	DEI	Diversity, Equity and Inclusion	GAAP	Generally Accepted Accounting Principles
AM	Aftermarket	Dol	Date of Implementation	GBP	British Pound
BDM	Brake Distance Management	e	Expected	GDP	Gross domestic product
bn	billion	EAC	Electronic Air Control	GSBC	Global Scalable Brake Control
CAGR	Compound Annual Growth Rate	EBIT	Earnings before Interest, Tax	HQ	Headquarters
CAPEX	Capital expense	EBITDA	Earnings before Interest, Tax, Depreciation, Amortization	HSR	High-speed rail
CEO	Chief Executive Officer	EBS	Electronic brake system	HU	Hungary
CF	Cash flow	EGR	Exhaust Gas Reduction	HUF	Hungarian Forint

(INDER: BREMSE



HVAC	Heating, ventilation & air conditioning	LDW	Lane Departure Warning	тсо	Total cost of ownership
IAA	International Automobil-Ausstellung (German: International Motor Show)	m	million	TPR	Truck Production Rate
IAM	Independent Aftermarket	M&A	Merger & acquisitions	UIC	International union of railways
iCOM	Intelligent Condition-Oriented Maintenance	OEM, OE	Original equipment manufacturer	US	United States
IFRS	International Financial Reporting Standards	OES	Original equipment service	USD	US Dollars
IN	India	OPEX	Operating expense	WC	Working Capital
ΙοΤ	Internet of Things	p.a.	per annum		
IPO	Initial Public Offering	PWM	Private Wealth Management		
JV	Joint venture	R&D	Research & Development		
KB	Knorr-Bremse	ROE	Return on Equity		
KB2020	Knorr-Bremse 2020	ROS	Return on Sales		
KPI	Key Performance Indicator	RVS	Rail Vehicle Systems		
LCC	Life-cycle cost	TCMS	Train Control Management System		

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(KNORR-BREMSE