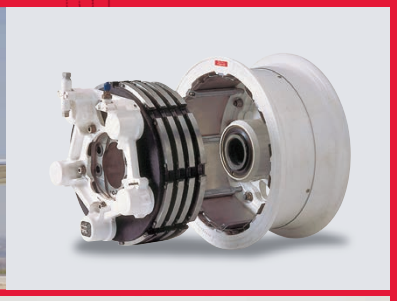
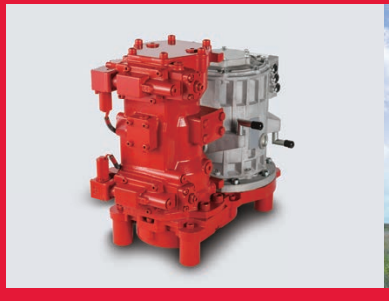
Our Precision, Your Advantage

COMPANY PROFILE
公司简介

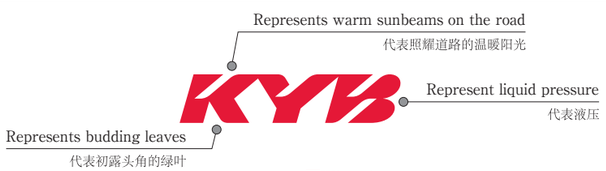
For a Happier, Brighter Future.
为了人们的微笑,迈向更加美好的明天

Expanding our fields
on grounds, at sea, in the air, and to the future.

面向大地、海洋、天空，还有未来。KYB在广阔的天地中大展身手。

KYB Corporate Symbol 企业标志



Logo Meaning 企业标志的含义

It has an impressive and unique design while maintaining a legible style as letters. Slanted slits in each letter represent comfortable sunlight cast through the trees and sunbeams illuminating the road ahead. The logo represents an image of unconstrained growth and flexible response to the trends of the era. The right side of the letter "B" represents liquid pressure indicating the origin of KYB. Using italic letters expresses a sense of speedy movement.

象征阳光明媚、植物茁壮成长并灵活应对时代风向。字母B中添加了象征液压的设计，并通过斜体字表现出速度感、领先性、成长性、创新性。

What the corporate color means 颜色

While the logotype represents comfort, the enthusiastic color of red represents enthusiasm to create a society where industrial crafting brings happiness to everyone as well as to provide the technologies that bring a warm and comfortable life. Red is also a positive color that represents the manufacturing that goes the extra yard.

"红色"代表友爱、激情、热情等的含义。象征太阳的温暖、热情以及孕育生命的强大力量开创出新的时代。

Corporate Statements 企业宣言

"Our Precision, Your Advantage."

"Precision" = [n] correctness, appropriateness, accuracy, fine, minute "Advantage" = [n] superiority, strength, benefit, effect [vt] brings benefit, promote To represent KYB's determination and desire to see that the "joy of manufacturing makes people smile," we choose the corporate statement "Our Precision, Your Advantage. " The determination of KYB is to implement "manufacturing that goes the extra yard," which is supported by the reliable quality, and to provide new value and uncommon satisfaction to end users and customers. The desire of KYB is that industrial crafting brings happiness to everyone in society. The corporate statement incorporates such determination and desire.

提供可靠的质量保证不仅可以确立起所有利益相关者的"Advantage(优势)"，还包含让每一位员工都亲身感受到世界在不断变化，使制造产品的喜悦成为员工"Advantage(优势)"的含义。

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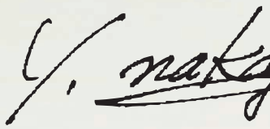
OUR FAITH

Top message 董事长兼总经理致辞

KYB aims to be a company that contribute to an abundant, vibrant society through our core hydraulic technology by combining vibration control, power control, and systemization technology.

以液压技术为核心，并且融合振动控制、动力控制技术、系统化技术，为创建丰富多彩的社会做出贡献。



Yasusuke Nakajima
Representative Director,
Chairman and President
Executive Officer
代表取缔役会长 兼社长执行董事
中島　康輔

Based on the spirit of creative development that has been passed down from the founder, Shiro Kayaba, KYB Corporation has offered a variety of products with hydraulic technology at their core since our foundation in 1935.

In addition, we have continued to grow worldwide as a manufacturer of hydraulic equipment, backed by the gracious understanding and support of our stakeholders. Our products support the lives of people throughout the world today, providing safety, peace of mind, and comfort.

In FY2017, the first year of the 2017 Medium-term Business Plan (2017 mid-term plan), we have been progressing with activities aimed at stabilizing the revenue base. Looking at our performance results, we achieved the first year' s business targets, including net sales, due to the continuing strength of the construction machinery market. For quality, we made our "Quality Management" declaration based on the thinking that quality is the foundation of our Company' s management.

In FY2018, the second year of the 2017 mid-term plan, we will strive to achieve the plan' s targets while maintaining safety and quality management as the core of the KYB Group.

To meet the needs of our customers in the future, we will swiftly and purposefully take action to fulfill our social responsibilities and continue to be "a company that can contribute to an abundant, vibrant society through the power of manufacturing expertise."

"Our Precision, Your Advantage" KYB

本公司自1935年成立以来，始终延续创始人萱场资郎先生奉行的“独创开发精神”，向业界提供以液压技术为核心的各类产品。

在各位利益相关方的理解和支持下，作为综合性的液压机械制造厂家，在全球范围内实现了持续成长。时至今日，我公司的产品已在全世界各个角落为人们的生活提供了便利，带去了安心、安全、舒适的服务体验。

去年是2017中期经营计划的第一个年度，在这一年为了稳定企业的盈利基础，开展了各项经营活动，其结果，在建机市场需求增加的背景下，我们实现了包括销售额在内的首年度经营目标。值得一提的是，整个KYB集团重新回到了“质量是经营的基础”这一制造企业的初心，向公司内外宣布了以提高对质量的信任为核心的“质量经营”理念。

2018年是2017中期经营计划的第二个年度，在这一年KYB集团将在以安全为前提下，以质量经营为核心，齐心协力实现中期经营计划。

今后，为了更好地回馈客户的期望，我们将增强使命感迅速有效地采取各项对策，积极履行作为社会一份子的责任，在“制造让人开心微笑的产品，进而为创造丰裕的社会不断做出贡献，打造值得信赖的品牌”的路上稳步前进。

“Our Precision, Your Advantage” KYB（用我的专精，成就您的优势）

Corporate Spirit 经营理念

By serving technologies and products that make people's life safe and comfortable, KYB group dedicates to the society.

KYB集团长期致力于为人们安全舒适的生活提供技术和产品并贡献社会。

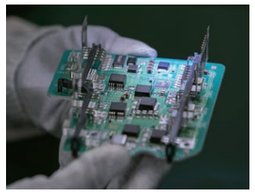
1. We shall built a corporate culture full of vitality, and hold high goals.
挑战更高目标，孕育更加充满活力的企业文化。
2. We shall value sincerity, cherish nature, care for the environment.
保持亲和与诚实，爱护自然并珍惜环境。
3. We shall constantly pursue creativity, contribute to the prosperity of customers, shareholders, suppliers and society.
始终追求独创性，并为客户、股东、合作伙伴以及社会发展作出贡献。

Management Vision 经营愿景

1. Human Resource Development
人财培养

To develop human resources who have a thorough understanding of our policies and strategies and can accomplish our goals with passion.

培养能深刻理解公司方针和战略，并以高昂的工作热情实现目标的人财。



2. Technology and Product Development
技术及商品开发

To provide products that gain the admiration, comfort and full satisfaction from our customers throughout the world.

提供能够带给全球客户感动及安心可靠的商品。

3. Monozukuri (Japanese manufacturing expertise)
产品制造

To operate plants filled with the creative inspiration of committed Monozukuri, energy and joy of creating products that satisfy our customers.

生产满足客户需求的商品，充满喜悦、朝气蓬勃，并贯彻现场主义，同时又具有紧张感的工厂。

4. Management
经营管理

To be always self-aware of our corporate social responsibilities and to pursue efficient group management.

自觉履行企业的社会责任，进行高效率的集团经营。

HISTORY

Accumulated Experience　日积月累成就的业绩

KYB's history begins in 1919 with the establishment of the Kayaba Research Center by founder, Shiro Kayaba. Kayaba Manufacturing Co., Ltd. was then established in 1935.

KYB的历史始于创始人萱场资郎在1919年设立的萱场发明研究所。之后又于1935年成立株式会社萱场制作所。

The spirit of creative development lies at the foundation of KYB technology. Our core competencies—vibration control and power control technologies—continue to grow with the times. By combining system and electronic control technologies, we continue to provide safety and comfort to customers in various sectors with our technologies and products.

独创开发精神是KYB的技术之根本。作为核心竞争力的"振动控制技术"和"功率控制技术"与时代共成长，并融合系统技术和电子控制技术等，不断为各行各业的客户提供安全舒适的技术和产品。

Shiro Kayaba was 21 when he established the Kayaba Research Center in 1919.
设立萱场发明研究所时，萱场资郎(1919年)年仅21岁。

Timeline of Major KYB Products
KYB主要产品年鉴

Hydraulic Components 液压技术

- **Vibration Control Technology** 振动控制技术
- **Power Control Technology** 功率控制技术
- **Electronic Control Technology** 电子控制技术
- **System Technology** 系统技术

→ Automotive 汽车
→ Motorcycles 摩托车
→ Railroad Equipment 铁路
→ Aircraft Components 飞机
→ Construction Machinery 工程机械
→ Specialized Equipment 特殊设备
→ Standard Equipment 装置
→ Electrical 电子

1948
Standard shock absorber
标准SA

1950
Oil cushion unit (OCU)
油减震组件

1952
Oil dampers for railcars
铁路用各种油缓冲器

1956
F-86F wheel and brake
F-86车轮、刹车

1950
Hydraulic jack
液压千斤顶

1952
Concrete mixer trucks
高品质低价格搅拌运输车

1959
Aircraft jack
飞机千斤顶

1960
Integral power steering (Cargo trucks)
整体式PS(货运卡车用)

1964
Front fork outer aluminum tubes　铝外管FF

1964
Oil dampers for bullet train cars (Shinkansen)
新干线用各种油缓冲器

1962
YS-11

1960
Construction machinery hydraulic cylinders
工程机械用油缸

1959
Inclined mixer
倾斜式搅拌运输车

1970
Monotube gas shock absorbers
单筒充气SA

1975
Gas-filled OCU
充气OCU

1970
Wheel and brake
车轮、刹车

1976
Integrated HST
一体型HST

1970
Cement truck
水泥运输车

1972
Tunnel boring machine
隧道掘进机(动臂盾构)

1983
3K-II aluminum vane pump　铝叶片泵

1983
Displacement-sensitive front fork
位移感应型FF

1980
Cold weather specification oil dampers for bullet train cars (Shinkansen)
新干线寒冷地区规格各种油缓冲器

1980
B767 actuator, etc.
B767用作动器等

1983
KVM Series for construction machinery
工程机械用KVM系列

1983
Wood chip collection unit
切屑回收装置

1980
Tunnel boring machine
隧道掘进机(动臂掘进机)

1999
Semi-active suspension system
半主动式悬架系统

1997
Carbon fiber composite front fork
碳纤维前叉(CFC-FF)

1997
Semi-active suspension system for Shinkansen bullet train line
新干线用半主动式悬架系统

1995
Flight control servo, etc.
飞行控制伺服等

1990
Automatic 2-speed travel motor
行走马达自动双速

1996
Solenoids
各种电磁线圈

2004
Vane pump for CVT hydraulic system
CVT用叶片泵

2002
DLC-coated front fork
DLC涂层FF

2000
Bullet train tread cleaning system
新干线用路面清扫装置

2007
Equipment for P-X aircraft
P-X用装备部件

2000
Chipping vehicle for pruned branches
剪枝粉碎处理车

2001
Quiet winch
静音型绞车

2000
Anti-noise pressure sensor
耐噪声压力传感器

2009
HARMOFREQ shock absorbers
频率感应SA

2003
Rotary steering damper
转向缓冲器

2004
Locking oil damper for conventional express carriage center
普通和特快用车厢底架带中心锁定功能的油缓冲器

2009
B787 actuator
B787用作动器

2002
Load sensing pump and valve for mini shovel
小型挖掘机用LS泵、阀

2004
e Mixer
电子控制搅拌运输车

2009
Work vessel lift and recovery device
作业船卷扬装置

2005
Drive recorder
行车记录仪

2013
High-performance EPS actuator
高性能的EPS作动器

2011
Motocross pneumatic spring forks
摩托车越野赛用PSF

2010
Equipment for C-X aircraft
C-X用装备部件

2011
Electro-Hydraulic Energy SavingSystem (EHESS)
混合动力系统

2010
Continuous wood grinder
树木连续粉碎装置

2010
Mobile communication device
移动通信终端

2013
Load sensitive shock absorbers
载重量感应型SA

2011
Power-regulated front fork and RCU
电调式FF&RCU

2013
B747-8 actuator
B747-8用作动器

2017
Stroke Sensing Cylinder
行程感应油缸

2011
Continous soil treatment vehicle
连续式土壤处理车"DOZEU君"

2013
High-performance EPS and ECU
高性能EPS-ECU

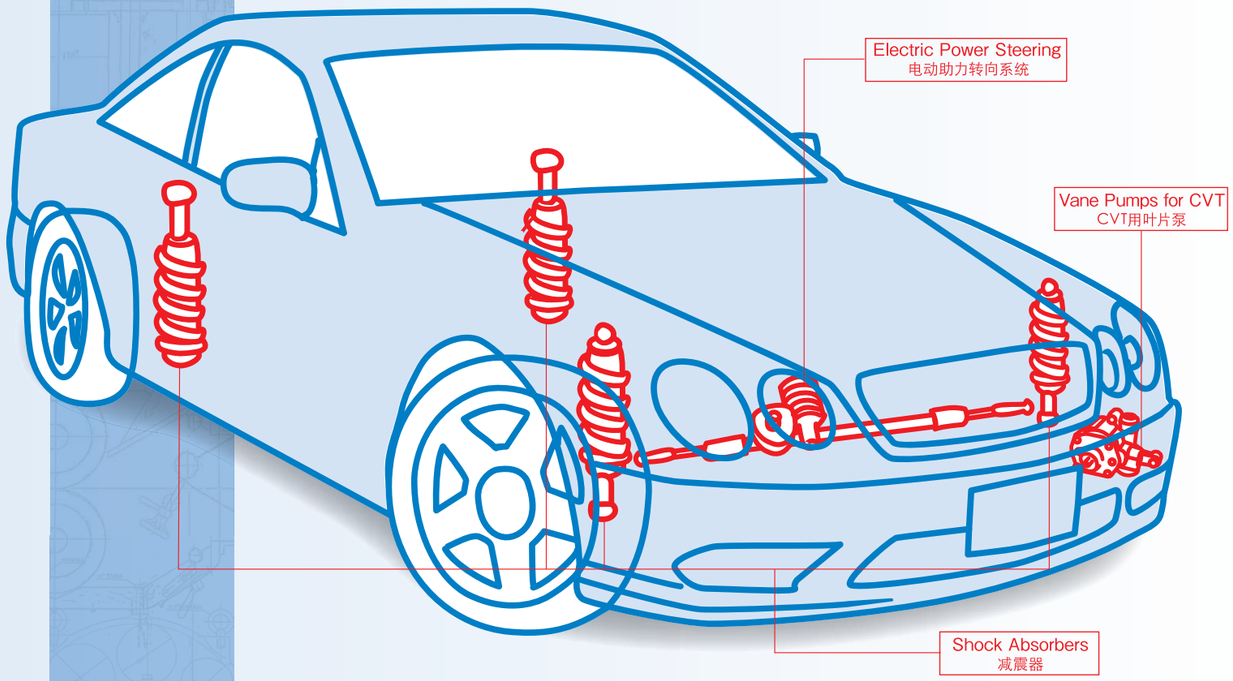
1950 1960 1970 1980 1990 2000 2010

PRODUCTS GUIDE

Automotive
汽车

Providing a Comfortable and Safe Ride
为驾乘提供舒适与安心

Whether it be for a comfortable drive with the family or challenging the harsh conditions of the motorsport scene, KYB automotive components pursue the drivability to satisfy everyone.
与家人一起舒适驾乘，或是严酷条件下的赛车运动场景。KYB汽车用元件追求能满足所有人需求的驾驶性能。



Shock Absorbers
减震器

Shock absorbers are products mounted between the body frame and tires along with springs to absorb vibrations from the frame. The springs expand and contract to absorb the shock from road surface irregularities. The shock absorber restricts vibrations when the compressed spring returns to its original state. Shocks provide a comfortable ride and greater steering stability. Today, KYB shock absorbers are equipped on one in five vehicles worldwide.
减震器是具有吸收车身振动功能的产品，与弹簧一起安装在车身与轮胎之间。通过弹簧伸缩吸收由于地面凹凸不平而产生的冲击。可以减少收缩后弹簧恢复原状时的振动。该产品能提供舒适的驾乘感和高度的操纵稳定性。现在全世界大约每5辆汽车中就有1辆安装了KYB的减震器。

Adjustable damping shock absorbers with proportional solenoid
比例线圈衰减力可调节式减震器

Continuously controls from softer to harder modes for shock absorber damping force.
从弱模式到强模式，对减震器的衰减力进行连续控制。

Shock absorbers
减震器产品

High performance monotube gas shock absorbers
高性能单筒充气减震器

Our performance shock absorbers provide a higher class of ride comfort and steering stability.
实现更高舒适感和操纵稳定性的高性能减震器。

Shock absorbers
减震器产品

Semi-Active Air Suspensions
半主动式空气悬架

Damping force of SA is controlled in real time and steplessly by the G sensor, which continuously monitors vehicle behavior.
通过传感器控制减震器的衰减力。

Shock absorbers
减震器产品

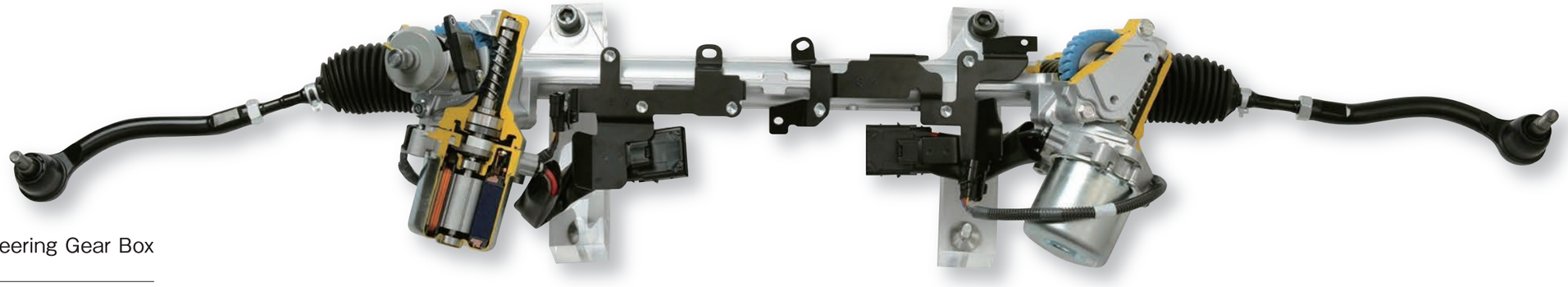
Frequency sensitive shock absorbers: HARMOFREQ
频率感应减震器“HARMOFREQ”

Automatically changes damping force in response to the frequency of road vibrations traveling through the car body for remarkable increases in ride comfort.
根据来自路面和车身的振动频率自动改变衰减力，大幅提高驾乘舒适感。

Shock absorbers
减震器产品

Load Sensitive Shock Absorbers
“载重量感应型减震器”

These shocks switch the damping force based on the loaded state to maintain a comfortable ride and steering stability at all times.
根据载重状态切换衰减力，始终保持舒适的驾乘感和操纵稳定性。



Steer-By-Wire Steering Gear Box
线控转向 转向齿轮箱

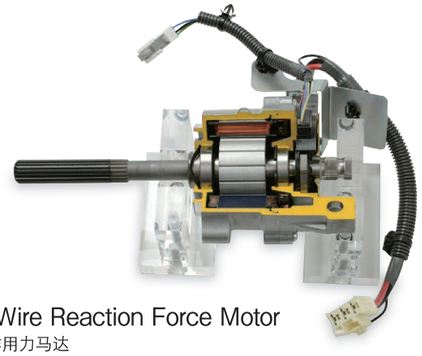
A redundant steering gear box with a dual-motor system.

考虑到转向时双马达式冗长性的转向齿轮。

Steer-By-Wire ECU
线控转向 ECU

This communication control unit controls the reaction force motor and two turning motors.

对反作用力马达与2个转向马达进行通信控制的控制单元。

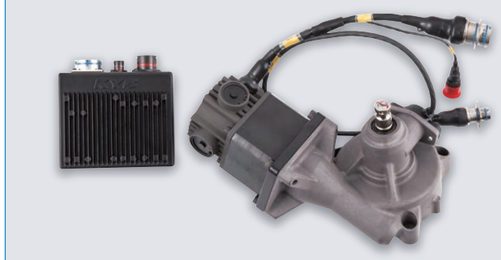


Steer-By-Wire Reaction Force Motor
线控转向 反作用力马达

A coaxially configured motor unit is provided on a column shaft to transmit a reaction force that corresponds to the road load when steered.

与转向轴为同轴配置，根据路面负荷将相应的反作用力传递到方向盘的马达单元。

Electric Power Steerings
EPS产品

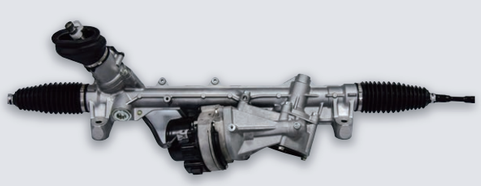


Racing EPS
比赛用EPS

Our motorsport electronic power steering is used in races worldwide, enjoying the No. 1 world share.

在世界比赛中采用的赛车运动用电动助力转向系统拥有世界首位的市场占有率。

Electric Power Steerings
EPS产品

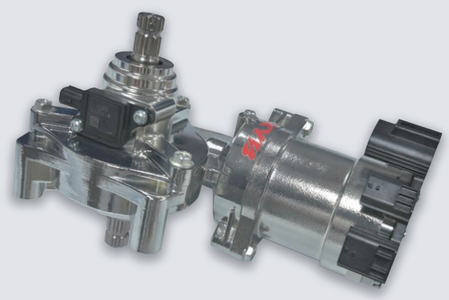


Dual Pinion Assist EPS
双齿轮式电动助力转向器

The dual pinion system has a pinion on the handle side and one on the assist side. By incorporating a high output brushless motor with an integrated controller, quick handling and high output are simultaneously achieved. The smooth controls create a natural steering feel. Also, this product meets international functional safety standards.

双齿轮式在把手和助力设置了两个齿轮，并采用了高输出功率的控制器型无电刷电动机，可实现快捷的操纵和高输出功率，通过精细的控制获得自然的操纵感。并符合功能安全国际标准。

Electric Power Steerings
EPS产品

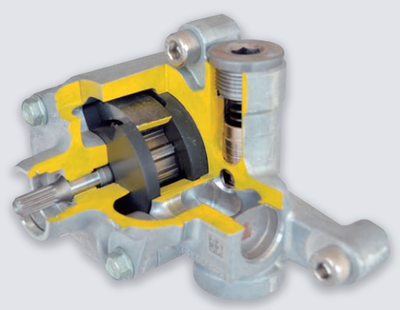


Add-on EPS actuator
增设型EPS作动器(ATV)

An EPS actuator provided as an add-on concept for steering shafts on ATVs (all-terrain vehicles), snowmobiles and other vehicles.

可通过增设形式提供，用于ATV(全地形车)、雪地车等车辆转向轴的EPS作动器。

Continuously Variable Transmission
CVT产品

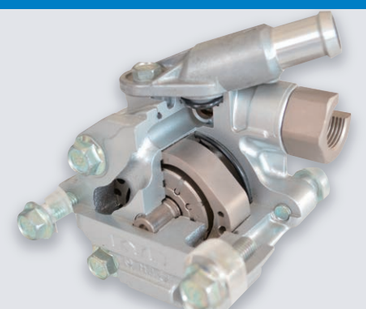


Vane pumps for CVT
CVT用叶片泵

Keeps noise low and maintains durability even with high air content and contaminated hydraulic oil within CVTs. This small, lightweight unit helps to conserve energy with its increased efficiency.

CVT内含有高压空气、杂质的液压油也能确保低噪音和耐久性，通过小型轻便以及高效率化有助于提高节能性。

Power Steerings
PS产品



Hydraulic power steering vane pumps for passenger vehicles
轿车液压助力转向用叶片泵

From small compact cars to large commercial vehicles, our wide lineup features products for any vehicle size.

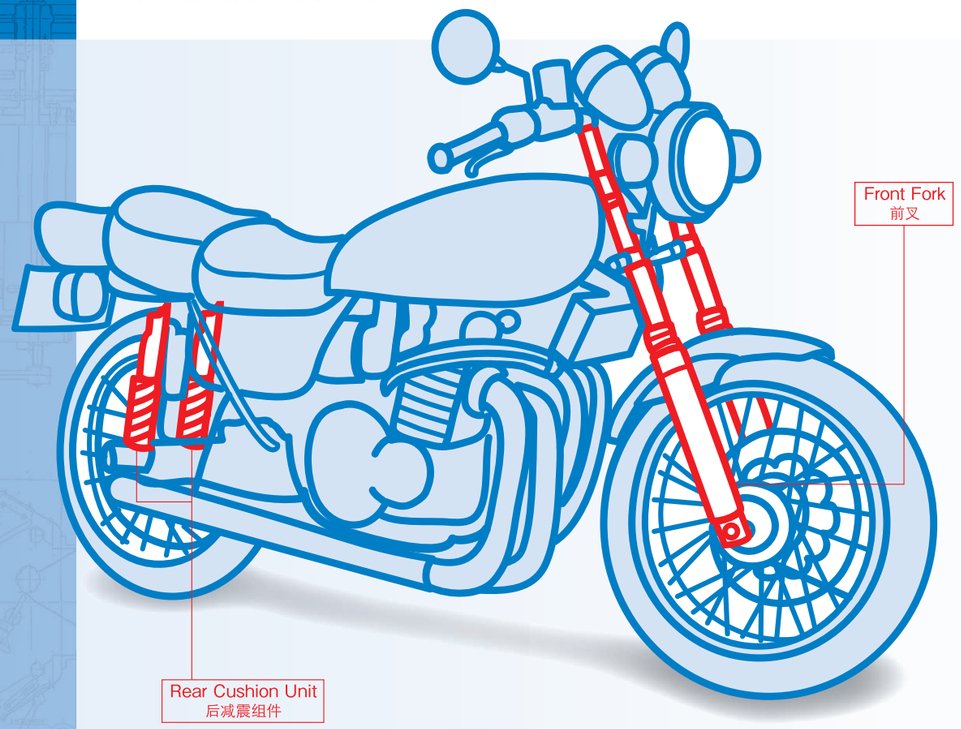
从小型轿车到大型商用车，根据不同用途提供多种多样的产品。

Motorcycles
摩托车

Great Driving Performance and Safety
实现更高的驾驶性能和安全性。

KYB always strives for the highest level of driving stability and great driving performance with its motorcycle components, using race-proven technology built for extreme speed and stability.

利用在要求极限速度和稳定性的比赛中不断精益求精的技术，追求始终保持最高水准的行走稳定性，实现更高驾驶性能的KYB两轮车用元件。



Suspension
悬架

Regardless of road surface conditions, our suspensions always deliver a comfortable ride with minimal shock to the frame.

不论任何路面条件，都能将向车身的上顶降至最小，始终保持舒适的驾乘感。

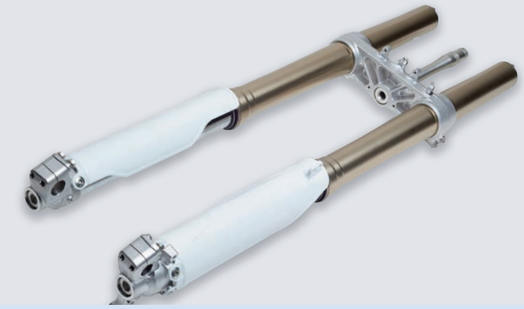
Suspensions
悬架产品

Power-regulated front fork and RCU
电动调节式FF&RCU

This power-regulated front fork and rear cushion unit (RCU) offers simple adjustment of suspension damping and spring preload—two traditionally manual settings—with the flick of a switch.

以往手动进行的悬架衰减力及弹簧预紧力调节可通过手边开关轻松切换的电动调节式前叉(FF)和后减震组件(RCU)。

Suspensions
悬架产品



Motocross pneumatic spring forks II
摩托车越野赛用PSF II

Motocross motorcycles are expected to have high driving and environmental performance.Our front forks replace metal springs with air springs for greatly reduced weight.

用于摩托车越野赛的两轮摩托车要求具有高度运动性能，同时又必须是环境友好型。该款前叉通过使用气压弹簧代替金属弹簧，大幅减轻了重量。

Suspensions
悬架产品

Front forks for streets AOS II + DLC Coat
街道用前叉 AOSII+DLC涂层

This front fork was developed for Supersport based on AOS (Air-Oil Separate System) developed for motocross. The front fork contains an inner tube coated with DLC coating and provides high performance.

以为摩托车越野赛而开发的AOS(汽油分离系统)为基础，专为超级运动车型而开发的前叉。结合采用DLC涂层的内管，可发挥很高的性能。

Suspensions
悬架产品

Rear cushion unit
后减震组件

Our RCUs provide improved ride comfort by maintaining vehicle body posture and absorbing vibrations and shocks from the road surface.They are optimally tuned to match the vehicle body in order to provide comfortable driving performance.

保持车身姿势，并通过吸收来自路面的振动和冲击提高驾乘舒适感。为提供舒适的行驶性能，根据车身进行最佳调节。

Shock absorbers
减震器产品

Shock Absorbers for ATVs
ATV用减震器

A variety of SA with versatile performance suitable for ATVs (All Terrain Vehicle) that go everywhere.

提供拥有多样化性能，适用于在各种地形上行驶的ATV(四轮小型机动车)的各种减震器。

Shock absorbers
减震器产品

Shock Absorbers for Snowmobiles
雪地车用减震器

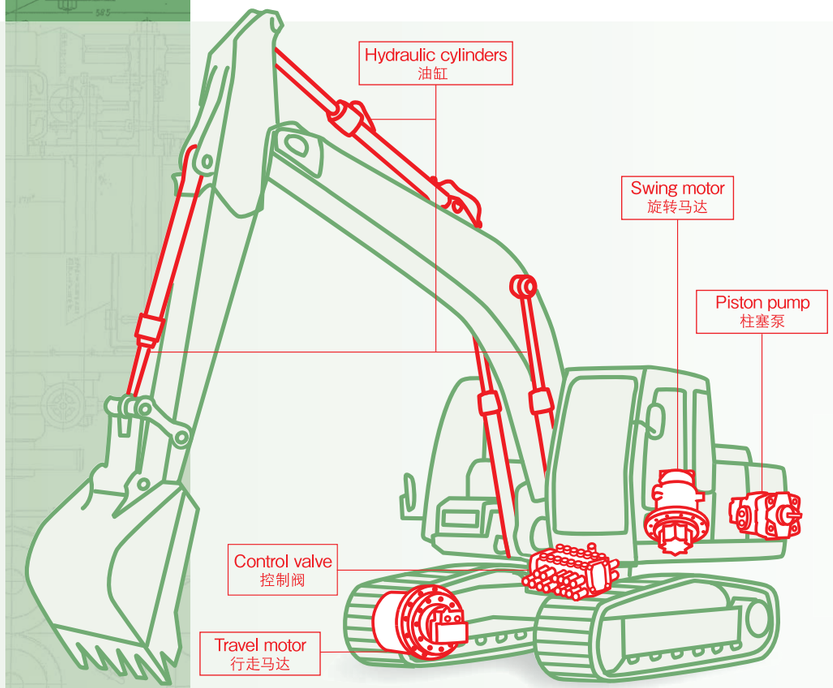
High performance SA specially designed for snowmobiles in severe, snow-covered terrain.

提供在雪地这种特殊地形上行驶的雪地车专用高性能减震器。

Construction Machinery
工程机械

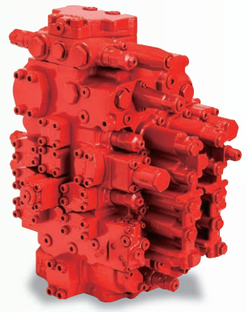
A Trusted Brand that Offers Support on the Construction Site
制造现场的值得信赖的品牌

KYB components see use in construction machinery even under harsh site conditions.
KYB工程机械用元件活跃在使用条件严酷的施工现场。



We provide hydraulic equipment components meeting the refining, computerizing and systemizing trends for pumps, valves, cylinders, motors and other hydraulic technology.

提供利用泵、阀、油缸和马达等液压技术，并顺应小型精密化、电子化、系统化趋势的液压元件产品。



Control Valve
控制阀

Boring machine
掘进机

Tunnel excavator: Boom Header
隧道掘进机"Boom Heater(动臂掘进机)"

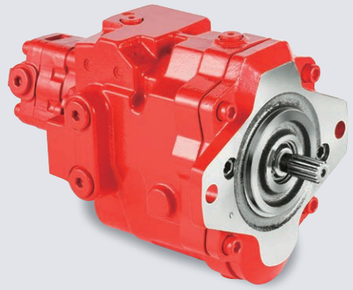
Noted for its use in large cross-section hard rock tunnel boring machines, this rugged product excavates tunnels for roads, railways and aqueducts.
作为中硬岩的大断面隧道挖掘机机得到了广泛应用，在公路、铁路、水路隧道等的挖掘方面，起到了重要作用。

Special civil engineering machine
特种建筑机械

Arch segment assembly machine
拱顶管片组装装置

In tunneling construction work, this machine assembles the segment above the arch connecting two shield tunnels with high precision to ensure safety.
隧道施工中，为了连接干线和联络线等两条盾构隧道，以极高的安全精度组装拱顶管片的装置。

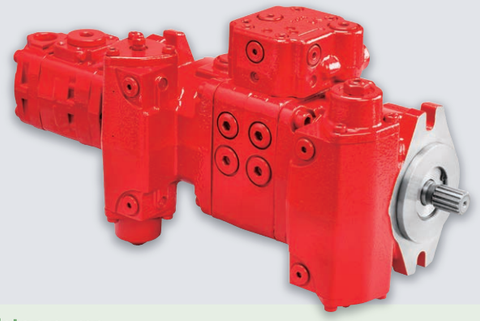
Pumps
泵



Piston pump
柱塞泵

Our piston pumps see active use in construction machinery and other sectors where high pressure is required for heavy loads.
该款柱塞泵在工程机械等重负载且需要高压的领域中大展身手。

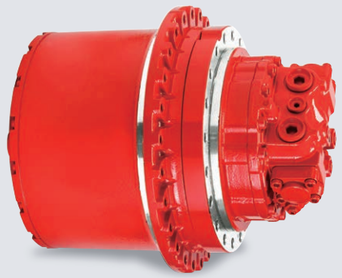
Pumps
泵



Piston pump
柱塞泵

This closed circuit pump is used for the driving operation of construction machinery and other kinds of vehicles. It is compatible with electronic controls.
建筑机械等各种车辆的行车用闭合回路泵。也可用于电子控制。

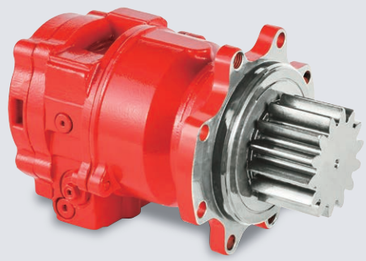
Motors
马达



Travel motor
行走马达

Widely used as swing motors for construction machinery and various other vehicles.
广泛用于工程机械等各种车辆的旋转马达。

Motors
马达



Swing motor
旋转马达

Widely used as swing motors for construction machinery and various other vehicles.
广泛用于工程机械等各种车辆的旋转马达。

Cylinders
油缸

Hydraulic cylinders
液压油缸

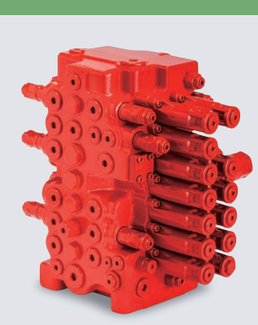
Our hydraulic cylinders are the culmination of sealing, plating and strength assurance technologies.
堪称油封技术、电镀技术和强度保证技术之结晶的液压油缸。

Motors
马达

Fan motor
风扇马达

These small, lightweight fan motors have seen much use in construction and agricultural machinery applications.
用于工程机械和农业机械并已卓见成效的小型轻便风扇马达。

Valves
阀



Control valve
控制阀

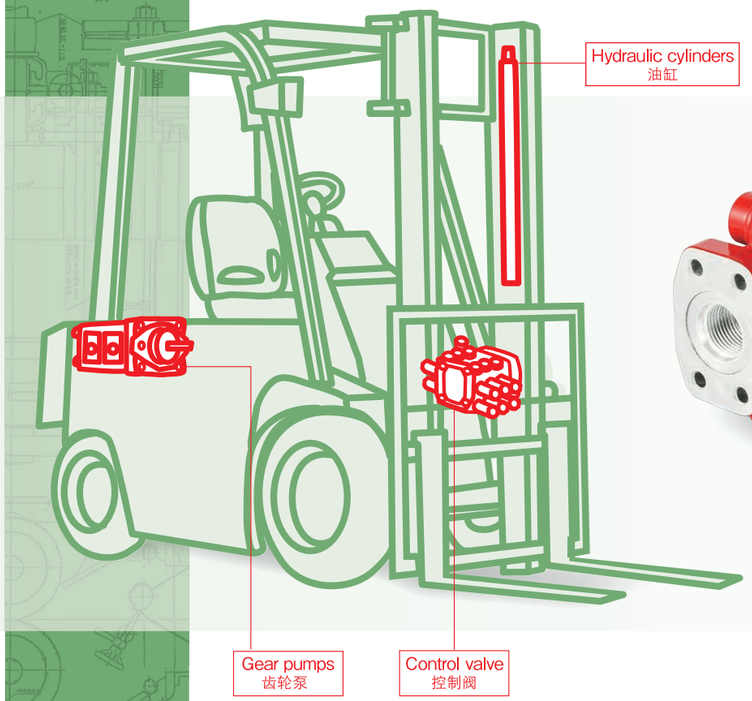
Control valves for shovels to control various actuators.Combines hydraulic technology and electronic controls for high-level control.
该款控制阀用于挖掘机，可控制各种作动器。将液压技术与电气控制相结合，可实现高度控制。

PRODUCTS GUIDE

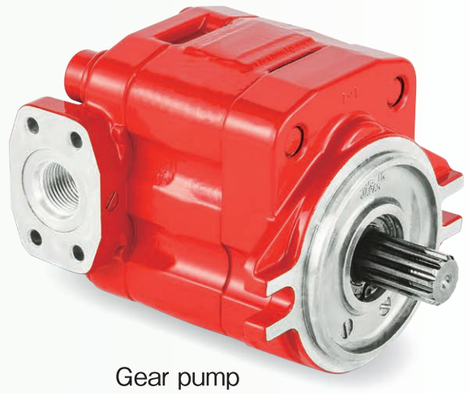
Industrial Vehicles
工业车辆

Powerful support for more efficient work
为工作效率化提供强有力的支持

The power of KYB hydraulic technology on forklifts and other industrial vehicles.
KYB的“液压技术”在叉车等工业车辆中也大有作为。

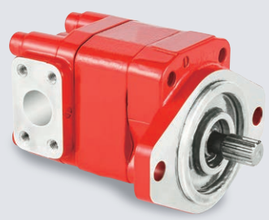


We provide hydraulic equipment components meeting the refining, computerizing and systemizing trends for pumps, valves, cylinders and other hydraulic technology.
提供利用泵、阀和油缸等液压技术，并顺应小型精密化、电子化、系统化趋势的液压元件产品。



Gear pump
齿轮泵

Gear pumps
齿轮泵



Gear pumps
齿轮泵

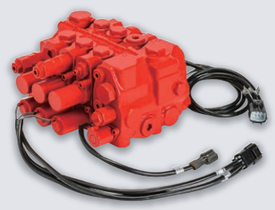
Small, lightweight and durable, our high-performance gear pumps are equipped on forklifts, combines and other machinery.
搭载于叉车和收割机等，小型轻便并具有卓越耐久性的高性能齿轮泵。

Cylinders
油缸

Forklift cylinders
叉车用油缸

Our hydraulic cylinders are the culmination of sealing, plating and strength assurance technologies.
堪称油封技术、电镀技术和强度保证技术之结晶的液压油缸。

Control valves
控制阀



Forklift control valves
叉车用控制阀

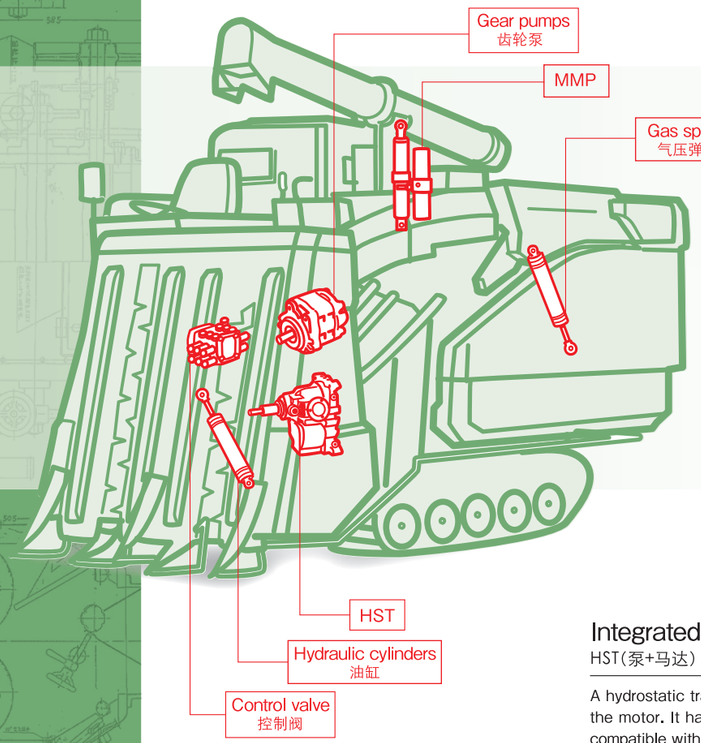
Our forklift control valves combine hydraulic technology and electronic controls for high-level control.
将液压技术与电气控制相结合，可实现高度控制的叉车用控制阀。

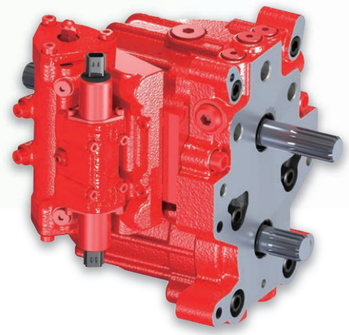
PRODUCTS GUIDE

Agricultural Machinery
农业机械

For comfortable farming
为了使农作业更为舒适

KYB agricultural machinery components are compact and energy-saving.
KYB农业机械用元件实现了节能和小型化。

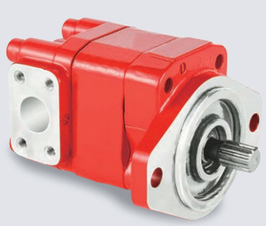




Integrated HST (Pump and motor)
HST(泵+马达)

A hydrostatic transmission is comprised of hydraulic pumps and the motor. It has extensive applications for driving use, and is compatible with electronic controls.
液压泵和马达组成的静液压无级变速器。广泛应用于行车，还用于电子控制。

Gear pumps
齿轮泵



Gear pumps
齿轮泵

Small, lightweight and durable, our high-performance gear pumps are equipped on forklifts, combines and other machinery.
搭载于叉车和收割机等，小型轻便并具有卓越耐久性的高性能齿轮泵。

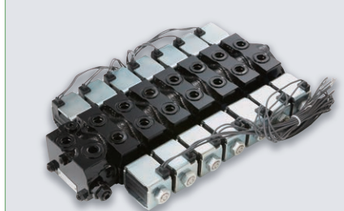
Hydraulic Linear Actuators
液压线性作动器

MMP (Mini-Motion Package)
MMP(Mini Motion Package)

The MMP is a hydraulic linear actuator which integrates an electric motor, hydraulic pump, valve and cylinder. From commodity products to agricultural machinery, MMP can be used in various applications subject to your ideas.
将电机、液压泵、阀、油缸一体化的液压式线性作动器。从通用产品到农业机械，可根据需要用于多种用途。

Contact:
KYB Engineering & Service Co., Ltd.
联系我们：KYB工程与服务株式会社

Control valves
控制阀



CVS10 small control valve
小型控制阀CVS10

A complex solenoid valve with low power consumption capable of continuous power supply.Used in agricultural machinery applications.
低功耗、可连续通电的复合电磁阀。最适用于农业机械。

Contact:
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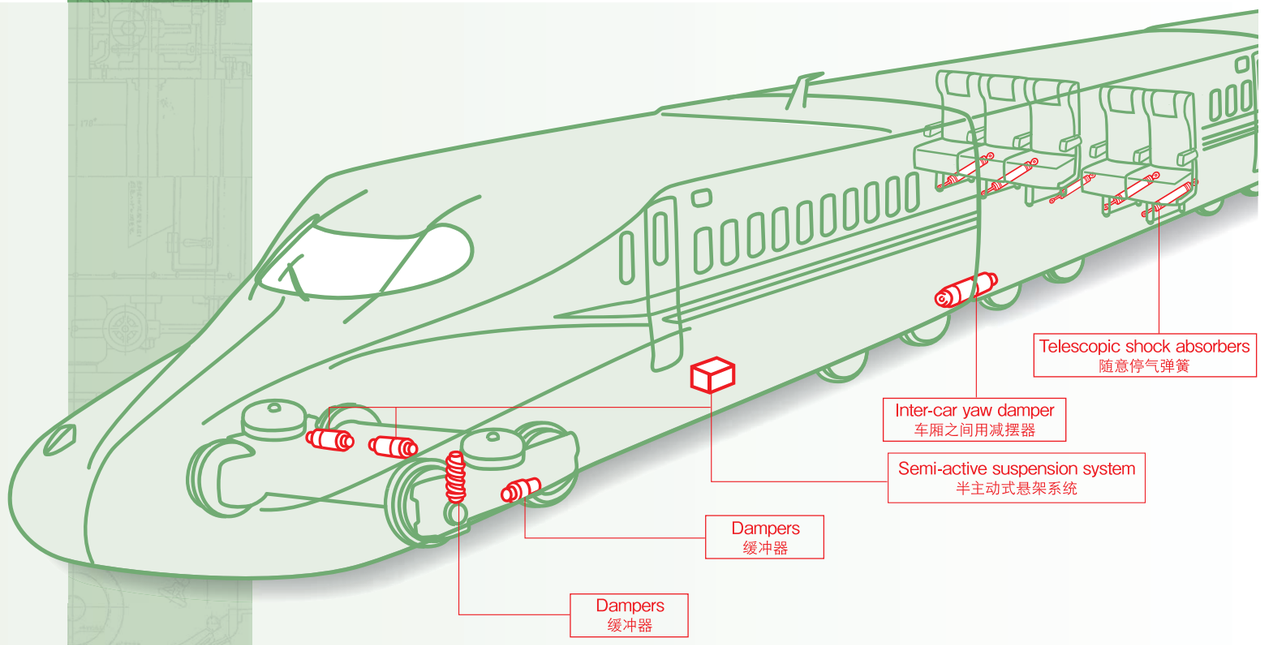
PRODUCTS GUIDE

Railroad Equipment
铁路

Ensuring a Comfortable, Stable Ride for Railcars
确保车厢的乘坐舒适感和稳定性

KYB railroad equipment works to buffer roll from air pressure when cornering, entering a tunnel or passing oncoming trains for comfort at high speed travel.

KYB铁路用元件能缓冲转弯、与迎面车辆交汇及进入隧道时由于风压而引起的横向晃动，实现高速行驶时的舒适感。

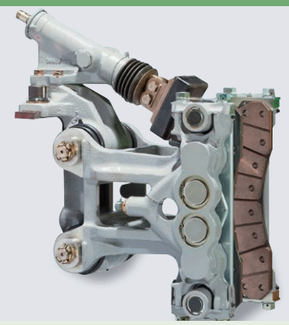


Semi-Active Suspension Systems for Bullet Trains (Shinkansen)
新干线用半主动式悬架系统

These systems maintain car comfort by actively controlling damper stiffness. They react softly to roll as it travels from the railcar and strongly to roll from air pressure traveling to the train body. Further, our systems also convert roll transmitted to the semi-active dampers into energy to drive the system without any special power source.

对于来自车厢底架的横向晃动产生弱反应，而对于风压等传递至车厢的横向晃动则产生强反应，可自由控制缓冲器的缓冲强弱，保持舒适感。而且不需要特别使用动力源，将传递至半主动式缓冲器的摇晃作为使系统动作的能量，这也是一大特点。

Railroad equipments
铁路产品



Caliper brakes with tread cleaning systems
制动钳和踏面清扫装置

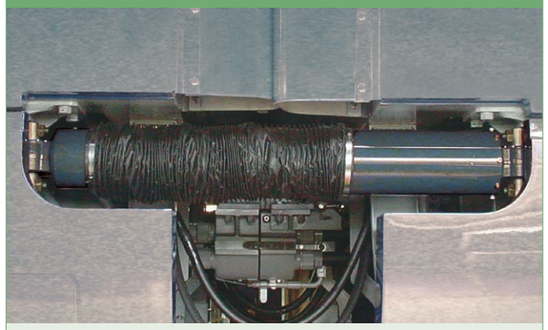
Small, lightweight hydraulic caliper brakes provide the high brake forces and safety required for the increasing speeds of railway vehicles.A tread cleaning system provides sure contact between the wheel tread and rail.This reduces wheel noise and produces a safe, comfortable ride at high speeds.
随着铁路车辆的高速化发展，实现了高制动力与安全性的小型轻便液压式制动钳。踏面清扫装置紧密附着于车轮踏面和铁轨。降低车轮噪音，实现舒适安全的高速行驶。

Railroad equipments
铁路产品

Oil Dampers for Railroad Vehicles
铁路用各种缓冲器

Safety and ride comfort of railroad vehicles are maintained by a combination of dampers such as an axial damper, yaw damper, and lateral damper.
用于提高乘坐舒适感和行驶稳定性的各种油缓冲器。包括新干线在内的普通和特快车辆等，已被众多铁路车辆采用。

Railroad equipments
铁路产品



Inter-car Yaw Dampers
车厢之间用缓冲器

Dampers are installed between railroad vehicles to absorb rolling and impact from other vehicles.
安装在与车辆行驶方向平行的车厢之间左右两侧，能有效减少车厢相互作用下产生的车厢横向摆动。

Gas springs
气压弹簧

Telescopic shock absorbers
随意停气弹簧

Telescopic gas springs can be freely fixed in any position. Allowing for stepless adjustment, these units see a wide range of applications, including recliners for seats in bullet trains and lifting regulators for beds and desks.
可将气压弹簧固定在任意位置的随意停气弹簧。可进行无级调节，广泛用于新干线座椅等的倾斜调节机构、床和办公桌等的升降调节等。

Contact: KYB Engineering & Service 联系我们：KYB工程与服务株式会社

Railroad equipments
铁路产品

Automatic height adjustment valves
自动高度调节阀

One valve is installed for each of the left and right air springs. Air intake and exhaust is controlled to maintain a constant vehicle height regardless of changes in vehicle body weight.
在左右空气弹簧上分别各设置1个。通过控制空气的供气和排气，不论车厢重量如何变化，始终保持一定的车厢高度。

Railroad equipments
铁路产品

Differential pressure valve
压差调节阀

Installed between the left and right air springs to control differential pressure within the springs.
设置在左右空气弹簧之间，控制空气弹簧的内部压力差。

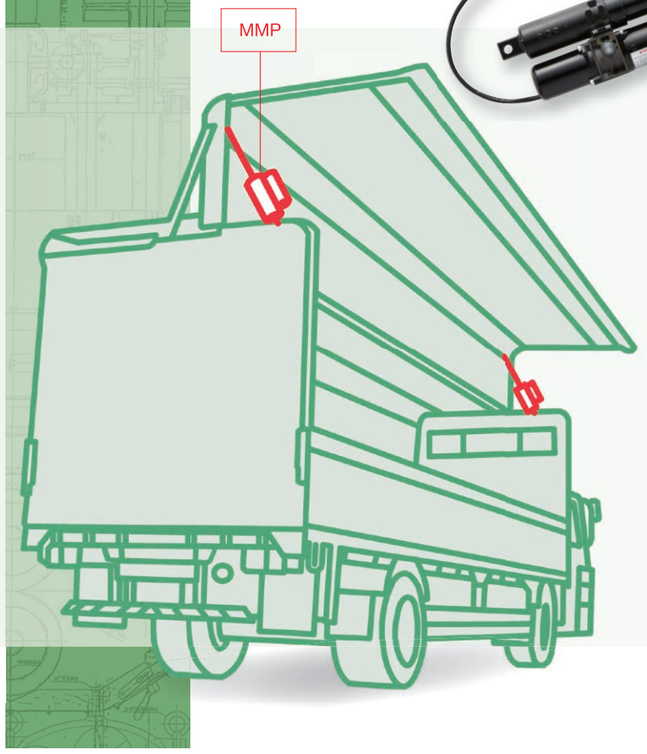
KYB Engineering & Service Co., Ltd. KYB工程与服务株式会社 TEL +81 3-6895-1264

PRODUCTS GUIDE

Industrial Machinery
工业机械

Keeping machinery and equipment safe
保护机器和设备的安全

Our line of KYB industrial machinery components help to speed up production, from elevators to factory equipment.
从电梯到在工厂等使用的设备，KYB工业机械用元件提供有助于提高生产速度的产品。



MMP (Mini-Motion Package)
液压线性作动器(MMP)

The MMP is a hydraulic linear actuator which integrates an electric motor, hydraulic pump, valve and cylinder. It sees use for saving power and automation in several fields, as well as for improving office and residential environments.
将电机、液压泵、阀、油缸一体化的液压式线性作动器。在各种领域中用于省力化、自动化或办公室及住宅的环境改善。

Contact: KYB Engineering & Service Co.,Ltd.
联系方式：KYB工程与服务株式会社

Oil buffers
油缓冲器

Buffers of various types
各种油缓冲器

Stops moving objects smoothly such as overhead cranes, elevators or transportation facilities by absorbing impact. Provides safety in machinery and equipment.
吸收桥式起重机、电梯和运输设备等运动物体突然停止时产生的冲击并使其平稳停止，保护机器和设备的安全。

Contact: KYB Engineering & Service Co., Ltd.
联系我们：KYB工程与服务株式会社

Small Axial Piston Pumps
微型轴向柱塞泵

Small Axial Piston Pumps
微型轴向柱塞泵

One of the world's smallest high pressure axial piston pumps, these pumps can be mounted in tight spaces. They can cut energy consumption in new markets, such as industrial and manufacturing machinery.
是世界上最小的高压轴向柱塞泵，可搭载于狭小空间，在工业机械和作业机械等新兴市场中发挥节能效果。

Contact:Takako Industries, INC.
联系我们：株式会社TAKAKO

Small Axial Piston Pump Unit
微型轴向柱塞泵组件

Small Axial Piston Pump Unit
微型轴向柱塞泵组件

This pump unit makes use of the world's smallest size high-pressure axial piston pump. The pump itself is equipped with a valve and tank function, making it easy to use. A safety valve (release valve) is part of the standard equipment.
使用世界最小型高压轴向柱塞泵的泵组件。单体泵同时具备了阀和罐的功能，使用起来更加方便。安全阀（relief valve）采用了标准化装置。

Mini-buffers
迷你缓冲器

Mini-buffers
迷你缓冲器

Reduces impact to stop a moving object and prevents damage to the equipment and reduce noise. Used in a variety of fields.
可减轻运动物体在停止时产生的冲击，适用于防止机器损伤及降低噪音。广泛应用于各种领域。

Contact:
KYB Engineering & Service Co., Ltd.
联系我们：KYB工程与服务株式会社

Gas springs
气弹簧

Gas springs
气压弹簧

Compact and has a nearly constant spring force provided by gas. These springs have characteristics that make them suitable for opening/closing doors.
通过充入气体使其具有弹簧功能，体积小并能产生相对稳定的弹簧力，具有用于开门及关门的最佳性能。

Contact:
KYB Engineering & Service Co., Ltd.
联系我们：KYB工程与服务株式会社

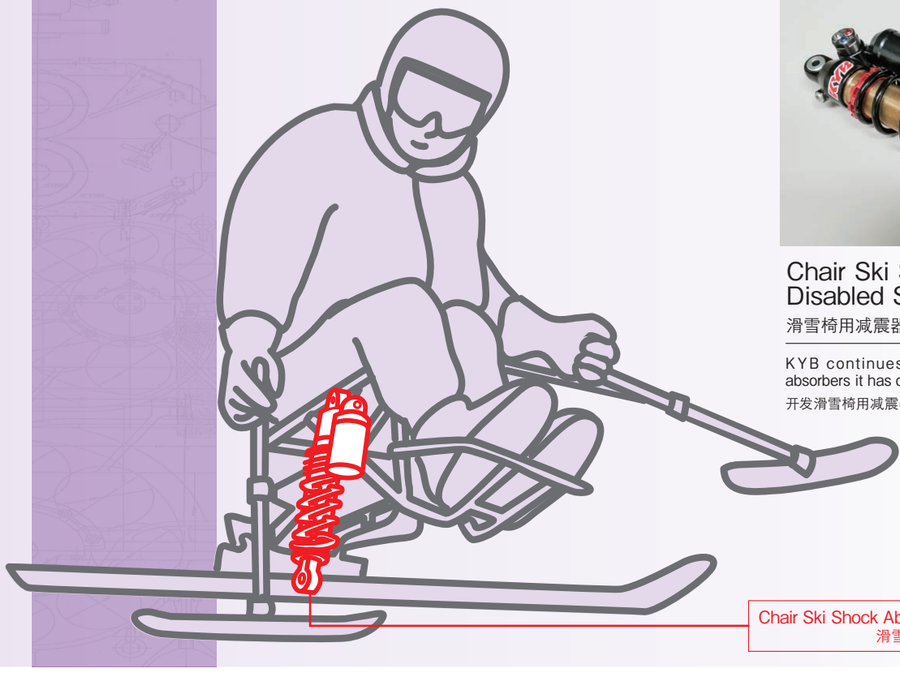
KYB Engineering & Service Co., Ltd. KYB工程与服务株式会社 :TEL +81 3-6895-1264
Takako Industries, INC. 株式会社TAKAKO :TEL +81 774-95-0671

PRODUCTS GUIDE

Sports, Environment, and Welfare
体育运动 环境 福利

Applying KYB Technologies to a Wider Range of Fields
在更广泛的领域中发挥力量的KYB技术

We have adapted core KYB technologies from our shock absorbers, mixer trucks and other products to environmental and welfare product applications for social benefit.
将减震器和搅拌运输车等KYB核心技术用于环境友好型产品及社会福利产品开发，并为社会提供产品。



Chair Ski Shock Absorbers for Disabled Skiing
滑雪椅用减震器

KYB continues to improve the sit-ski shock absorbers it has developed for disabled skiers.
开发滑雪椅用减震器并不断进行改良。

Shock absorbers for sports
体育运动用减震器

Real Sports Damper SpecTR
赛车减震器SpecTR

Suspension kits, which with fully adjustable overall lengths, take active parts in motor sports. Smooth stroke and high durability have earned the trust of drivers.
在赛车运动中大展身手的全长调节式悬架套件。凭借顺畅的行程和高耐用性而深受骑手们的信赖。

Contact: KYB Engineering & Service Co., Ltd.
联系我们：KYB工程与服务株式会社

Products for environment
环保产品

Mobile conveyer type inspection machine for waste
自动传送带式垃圾投入检查机

This inspection machine aides in the inspection and separation of foreign matter in waste that is carried into incineration plants before incineration takes place.
针对送到垃圾焚烧厂的垃圾，在焚烧前检查分拣垃圾中异物的装置。

Contact: Kayaba System Machinery Co., Ltd.
联系我们：日商凯威百股份有限公司

Products for welfare
福利产品

Vehicle Kneeling Down Systems
车身高度下降系统

A system for assisting in loading and unloading wheelchair passengers by lowering vehicle height.
提供可降低汽车车身高度以便轮椅等升降的系统。

KYB Engineering & Service Co., Ltd. KYB工程与服务株式会社 TEL +81 3-6895-1264
Kayaba System Machinery Co., Ltd. 日商凯威百股份有限公司 TEL +81 3-5733-9441

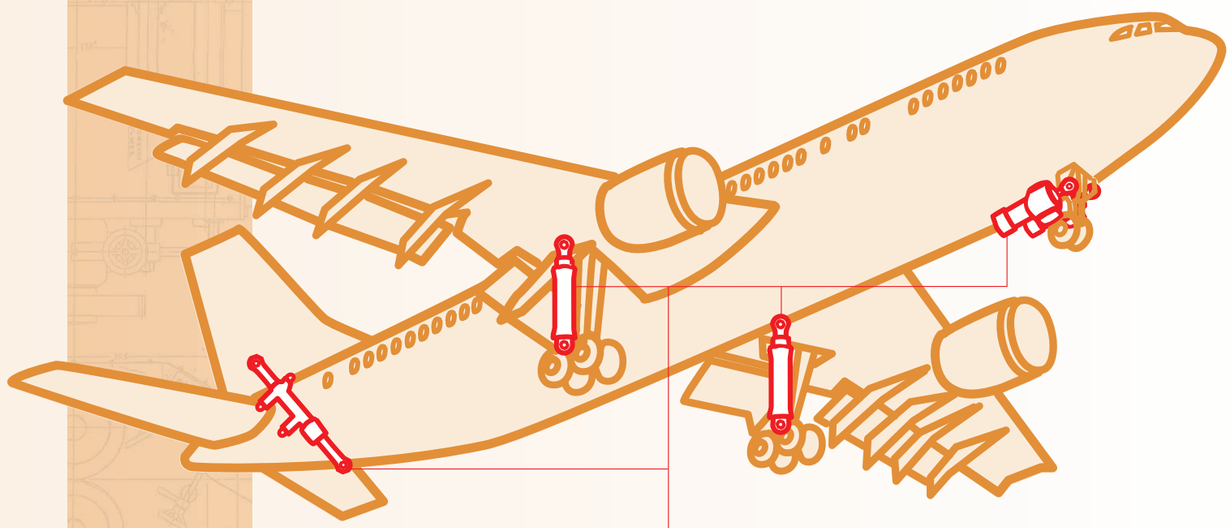
PRODUCTS GUIDE

Aircraft Components
飞机

Pursuing safety and comfort in flight
追求飞行的安全性与舒适感

For our aircraft components, KYB provides a wide range of products meeting the high reliability demanded in the aerospace technology sector to support passenger safety and comfort, including components for steering, landing, hydraulic and pneumatic pressure.

在可靠性要求极高的航空和宇宙技术领域中提供操作、降落、液压气压等用途广泛的产品，
KYB航空用元件为人们的安全与舒适提供保障。



We provide reliable actuators, lightweight accumulators, wheels, brakes and other aeronautic components.

提供各种作动器、轻型蓄能器和车轮刹车组件等高度可靠产品。

Actuators
作动器

Actuators
作动器

Actuators
作动器

Used to open and close landing gear doors on large jet liners.

用于打开及关闭安装在大型客机上收纳主起落架的门。

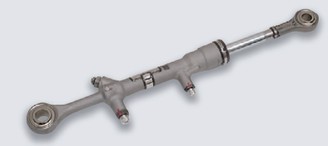
Actuators
作动器

Steering Actuators
转向作动器

Steers the nose gear of large jet liners during taxi.

大型客机滑行时，用于进行前起落架转向的作动器。

Actuators
作动器

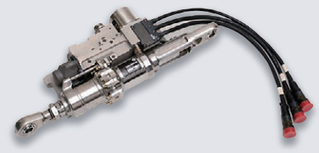


Tail Skid Actuators
尾翼作动器

Extends and retracts the tail skid linkage of large stretched jet liners to protect the tail from the impact of a tail hit.

大型客机起飞和着陆时，打开或收起缓和尾部落地冲击的连杆机构。

Actuators
作动器

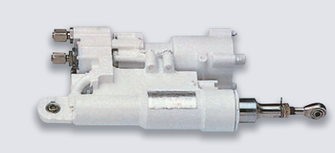


Flight Control Actuators
飞行控制作动器

Controls the rudder of a fighter jet plane incorporated in flight control systems.

控制安装在飞行操纵系统上的舵(方向舵)。

Actuators
作动器



Servo Actuators
伺服作动器

Used to control the pitch of helicopter tail rotors.

控制直升飞机尾桨的螺距。

Lightweight accumulators
轻型蓄能器

Lightweight Accumulators
轻型蓄能器

Supplies hydraulic pressure to actuate the parking of a large jet liner.

大型客机停机时，提供制动所需的液压。

Wheel brakes
车轮和刹车

Wheel Brakes
车轮和刹车

Lightweight aluminum alloy wheels and disk brakes utilize carbon composite material. They absorb a huge amount of kinetic energy when take off is aborted.

使用铝合金制的轻型车轮和碳纤维复合材料的盘式制动器。吸收放弃起飞时过度的动能。

Reservoir modules
油箱模块

Reservoir Modules
油箱模块

Modularized products combined with filters, various valves, sensors, switches, etc., used in helicopters.

将过滤器、各种阀、传感器和开关等复合(模块)化后用于直升飞机的产品。

Reservoirs for space rockets
航天火箭用油箱

Reaervoirs for Space Rockets
航天火箭用油箱

Used in the control systems of thrusters and absorbs expansion of hydraulic fluid due to heat.

用于火箭推进控制系统，吸收由于温度产生的液压油体积变化。

PRODUCTS GUIDE

Special Purpose Vehicles
特殊车辆

Support in Developing More Comfortable Living Spaces
为创造更为舒适的生活环境提供支持

KYB special purpose vehicles offer support for more comfortable living spaces. KYB concrete mixer trucks hold the highest market share in Japan.

日本国内市场占有率第一的混凝土搅拌运输车等KYB特殊车辆为创造更为舒适的生活环境提供支持。

Concrete mixer trucks
混凝土搅拌运输车

The KYB mixer truck series features trucks from large and small. Boasting top mixing and emissions performance, they hold an 85% share of the domestic Japanese market.

KYB搅拌运输车拥有从小型到大型的各种系列。具备高度混合搅拌、排出性能，在日本国内市场的占有率约为85%。

Pruned Tree Shredder Trucks
修剪树枝粉碎处理车

For composting and recycling on the fly during tree pruning.

将修剪后的树木枝条当场粉碎并进行堆肥处理，可实现资源再利用。

Concrete mixer trucks
混凝土搅拌运输车

Electronically controlled mixer trucks: e Mixer
电子控制搅拌运输车"e搅拌运输车"

An environmentally friendly concrete mixer using electronic controls to limit noise, emissions and energy consumption.

通过电子控制实现低噪音、低排废气和节能的环境友好型搅拌运输车。

Granule carriers
粉粒物料运输车

Granule carriers
粉粒物料运输车

Widely used for transport of cement and other granular material.KYB pneumatic conveying technology is utilized in several places, such as discharging granular material using compressed air.

广泛用于水泥等粉粒物料运输。使用压缩空气排出粉粒物料等，KYB的空气运输技术被应用于各个领域。

Tilting drum mixingmachines
倾斜式混合机滚筒搅拌机

Tilting drum mixingmachines
倾斜式混合机滚筒搅拌机

These mixers can mix or agitate various liquids and materials in large quantities, including fertilizers, soft materials, grains and granular material.

包括各种肥料、软质原料、谷类和粉粒物料，可大容量混合搅拌从液体到粉粒物料的多种原料。

Products for environment
环保产品

Multi-Purpose Primary Crusher
通用型单次粉碎机

With its compact, lightweight design, this primary shredder is both reasonable and highly versatile. Usabe in both mobile and stationary applications, it is simple to remove, install and transport.

采用小型轻型设计，安装拆卸及运输简便且通用性高，作为移动式或固定型均可使用，是非常合理化的一次粉碎机。

Products for environment
环保产品

Wood crushing type grinding machine
木质压碎式二次粉碎机

We have co-developed this pulverizer with the Tokyo University of Agriculture.This pulverizer finely crushes wood and produces chips with an excellent water-absorbing property which can be used for various applications such as agriculture, gardening and livestock raising.

碎裂到纤维状的细小的碎片，可用于农业•园艺•畜牧等各种各样的用途，并具有出众的吸水性。

Products for environment
环保产品

Wood Pulverizer
木质多次粉碎机

Wood grinder for handling primary crushing and secondary grinding in sequence in one unit.By consolidating crushing equipment to keep it as small as possible, this urban wood grinder helps to conserve space, costs and energy consumption.

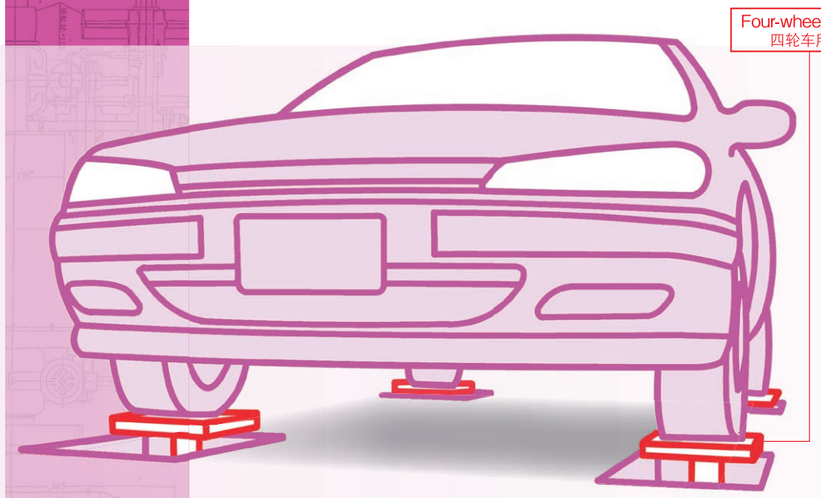
在1台机器上连续进行一次破碎、二次粉碎的木质粉碎组件。通过粉碎设备最大限度的小型化、集合化，实现节省空间、低成本和节能的城市型木质粉碎机。

PRODUCTS GUIDE

Testers
测试设备

Maintaining product quality
为了保证产品质量

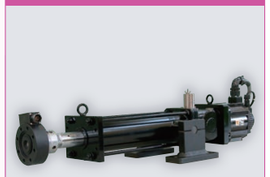
Our tester products are used with various simulators to test durability and performance for parts and components.
提供各种试验机，是用于确认部件和产品耐久性及性能的试验装置用产品。



Four-wheel road simulator
四轮车用道路模拟器

The road simulator uses vibrations to recreate real driving conditions and test durability and ride quality.
可重现汽车实际行驶状态并施加振动，确认耐久性与驾乘舒适感。

Testers
试验机



Motorized actuators
电动作动器

Testers for repeatedly applying loads to various components and products to confirm their fatigue strength and durability.
在各种部件及产品上反复施加负载，确认其疲劳强度和耐久性的试验机。

Contact:
Kayaba System Machinery Co., Ltd.
联系我们：日商凯威百股份有限公司

Testers
试验机

Gate type fatigue tester
大型门型疲劳测试机

This large, gate-shaped testing apparatus is used to check for fatigue, strength and durability.
测试疲劳、强度、耐久性的门型结构大型测试机。

Contact:
Kayaba System Machinery Co., Ltd.
联系我们：日商凯威百股份有限公司

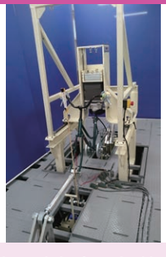
Testers
试验机

Torsional fatigue tester
电动扭矩疲劳测试机

This testing machine is compact and conserves energy, yet also has a low environmental burden and decreased noise.
为实现省空间、节能且降低环境负荷、噪音而设计的电动扭矩疲劳测试机。

Contact:
Kayaba System Machinery Co., Ltd.
联系我们：日商凯威百股份有限公司

Simulator
模拟器



4-axis road simulator for bicycles
自行车用道路模拟器

This simulator tests fatigue and endurance on four axes by faithfully reproducing the acceleration gained from actually moving.
4轴耐久疲劳测试装置，可忠实再现实际行车时获得的加速度。

Contact:
Kayaba System Machinery Co., Ltd.
联系我们：日商凯威百股份有限公司

Other equipment
其他装置

High Precision Leak Tester
微小泄漏测量装置

With its simple and compact construction, operation is as simple as the press of the pressure measurement switch.
结构简单精小，只需按下增压测量开关即可，操作简便。

Contact:
KYB Engineering & Service Co., Ltd.
联系我们：KYB工程与服务株式会社

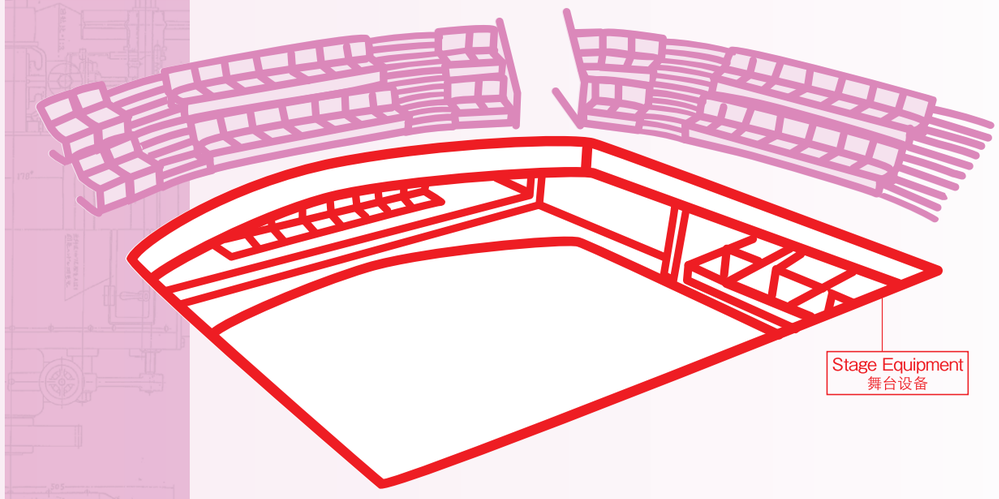
Kayaba System Machinery Co., Ltd. 日商凯威百股份有限公司　TEL +81 3-5733-9443
KYB Engineering & Service Co., Ltd. KYB工程与服务株式会社　TEL +81 3-6895-1264

PRODUCTS GUIDE

Theater equipment and Equipment for Construction
建筑舞台和设备

Putting smiles on faces with theater and music
为观赏戏剧和乐曲的观众带去笑容

KYB technology provides performance stages with rigging, acoustic reflectors and other supporting equipment. Our products can be tailored for various intended uses.
KYB的技术为悬挂物和音响反射板等舞台上的演出空间提供支持。可以根据各种用途有效利用空间。



Acoustic reflector
音响反射板

The acoustic reflector makes many kinds of productions possible. It can handle ordinary stage specifications in a single hall and can be changed for concert specifications.
将将同一个剧场在一般的舞台模式和音乐会模式之间自由切换，可举办不同形式的艺术活动。

Theater equipment
舞台设备

Rigging systems
悬挂物机构

Systems capable of hanging drop curtains, props, stage curtains, lighting equipment, speakers, screens and other equipment out of sight on stage to be freely raised and lowered as needed.
将帷幕、大型道具、舞台幕布、灯光设备、扬声器及屏幕等各种设备从舞台上观众看不到的地方垂下，并根据需要自由升降。

Theater equipment
舞台设备

Floor equipment
地板构造

We design and manufacture special floor mechanisms that match the specific theater, from orchestra lifts, apron stages, scenery lifts, bon performance stages, and others for various performances.
包括乐池、舞台前部、道具推出装置、升降舞台等，根据演出空间和操作形式，设计和制作适合不同剧场的特殊地板构造。

Equipment for Construction
建筑装置

Moving starting platform
游泳池活动墙装置

By moving the starting platform (moveable partition) of a 50-meter official regulation pool to the center, it can be converted to two 25-meter pools.
将50米标准游泳池跳台（可移动池岸）移至中央位置，可变身为2个25米标准泳池。

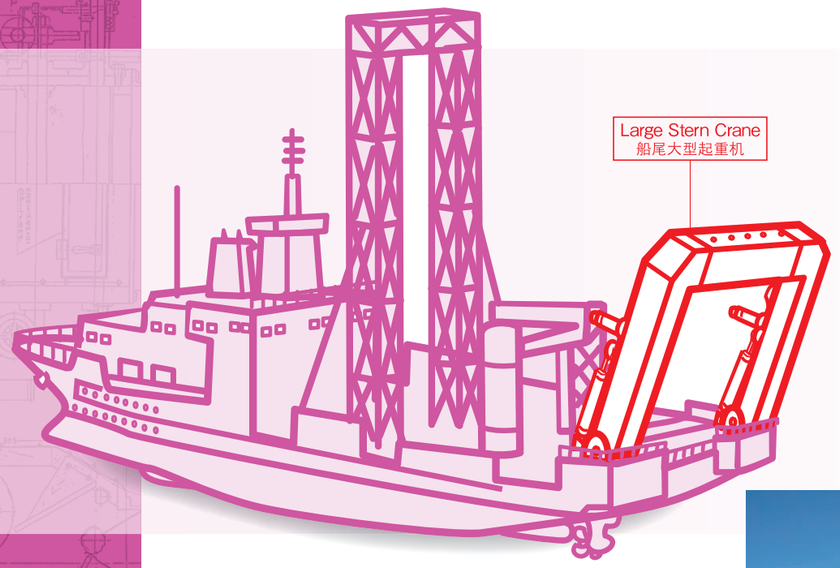
Contact: Kayaba System Machinery Co., Ltd. 联系我们：日商凯威百股份有限公司　TEL +81 3-5733-9443

PRODUCTS GUIDE

Marine Products
船舶

Making the Sea Safer and More Comfortable with Technology
技术使海洋作业更为安全舒适

KYB hydraulic and tension control technology makes transport, support, rescue and other work at sea more comfortable for submarine exploring vessels and mother ships.
海底探测船及其母船、运输、补给和救助等，KYB的液压技术和张力控制技术为舒适的海洋作业提供支持。



Large Stern Crane 船尾大型起重机

This equipment is actively used in mineral resource exploration for lifting and recovering the latest in large undersea drilling rigs.
可从船尾打捞最新的大型海底挖掘装置等，该设备在矿产资源勘查中大展身手。

Marine components
海洋、港湾、船舶用设备

Hejacules (Self Propelled Hydraulic Jack)
赫拉克勒斯千斤顶

Can easily adjust the position of the block of the ship, which weighs as much as 600 tons, in the shipbuilding process. Provides substantial savings of time.
通过一次操作就可完成造船时1块就重达600吨的配重块定位，大幅缩短了造船时间。

Marine components
海洋、港湾、船舶用设备

Hydraulic Block Lifters
巨型升降机

Using constant speed multistage cylinders, the block lifter is capable of lifting a heavy load up to a height of 1–2.1m.
采用等速多段气缸，重物可举高度范围为1m到2.1m。

BRAND PLATFORM
KYB 品牌平台

品牌平台是 KYB 品牌致力于实现的目标，且其中阐明了我们对社会的承诺。
换言之，它就是 KYB 品牌代表的含义。

◆VISION

What the KYB brand can do for the world

Monozukuri for human happiness

KYB's aim is to support the development of society through the joy of Monozukuri, and make people happier as a result.

■ 愿景［我们要通过 KYB 品牌帮助创造的世界］

通过制造业营造和谐社会

◆ KYB 一直在努力营造通过制造的喜悦支持社会发展并使人们安居乐业的这样一个社会。

◆VALUE

Value made possible by the KYB brand

Technology for comfortable living

Sensory value : comfortable living, the joy of Monozukuri Functional value : reliable quality
The value KYB promises its end users is a higher level of "comfortable living" that comes from creative technology and sincere product development.
The value KYB promises its clients is the "reliable quality" that comes from thinking of the end user as "our client".
The value KYB promises each employee is "the joy of Monozukuri" that comes from knowing he or she is changing the world.

■ 价值［KYB 品牌提供的价值］

利用技术创造舒适的生活

情感价值：舒适的生活、制造的喜悦

功能价值：可靠的质量

◆ KYB 向最终用户承诺的价值—通过创新技术和持续的产品开发提供领先"舒适的生活"。

◆ KYB 向客户承诺的价值—"可靠的质量"。因为我们将包括从买方到最终用户在内的所有人都视为我们的"客户"。

◆ KYB 向员工承诺的价值—"制造的喜悦"。每个人都能真正感受到自己正在为社会做出贡献。

◆MISSION

The mission of KYB brand

Monozukuri taken one step further

KYB will remain an enterprise able to bring value to our clients and markets thanks to the reliable technical expertise we have built up over the years.
Through our own efforts, we take Monozukuri one step further to provide our clients with new value and greater satisfaction than they have ever known.

■ 使命［我们必须通过 KYB 品牌完成的使命］

达到最好的制造效果

◆ KYB 公司将充分利用多年以来开发的坚实可靠的技术，继续为客户和市场提供宝贵的建议。

◆ 我们将利用自身的技术和创新实施领先的制造方法，使我们的客户获得新的价值和前所未有的满意度。

GLOBAL NETWORK

A Deep-Rooted, Wide Network　更广更深、紧密相连的全球网络

For further information, please check our website.
详情请参阅网站。

24 Countries,
48 Companies
(As of December 1, 2018)

EUROPE　13 Countries, 9 Companies

★ KYB Europe Headquarters B.V.
★■KYB Europe GmbH
★ KYB Europe GmbH(Navarra Branch)
◆ KYB Europe GmbH(Munich Branch)
■ KYB France
■ KYB Iberia
■ KYB Italy
■ KYB Poland
■ KYB Rumania
■ KYB Turkey
■ KYB UK
■ KYB Ukraine
● KYB Suspensions Europe, S.A.U.
● KYB Steering Spain, S.A.U.
● KYB Advanced Manufacturing Spain, S.A.U.
● KYB Manufacturing Czech, s.r.o.
● KYB CHITA Manufacturing Europe s.r.o.
■ LLC KYB Eurasia
■ KYB Eurasia Vladivostok
■ KYB Middle East FZE

ASIA　7 Countries, 19 Companies

★ KYB (China) Investment Co., Ltd.
● KYB Industrial Machinery (Zhenjiang) Ltd.
● Wuxi KYB Top Absorber Co., Ltd.
● Changzhou KYB Leadrun Vibration Reduction Technology Co., Ltd.
● Hubei Henglong & KYB Automobile Electric Steering System Co., Ltd.
● Chita KYB Manufacturing (Zhenjiang) Co.,Ltd.
● KYB Manufacturing Taiwan Co., Ltd.
● KYB Steering (Thailand) Co., Ltd.
● KYB (Thailand) Co., Ltd.
● KYB Manufacturing Vietnam Co., Ltd.
● Takako Vietnam Co., Ltd.
● PT. KYB Hydraulics Manufacturing Indonesia
● PT.Kayaba Indonesia
● PT.Chita indonesia
● KYB-UMW Malaysia Sdn. Bhd.
● KYB Motorcycle Suspension India Pvt. Ltd.
● KYB-Conmat Pvt. Ltd.
■ KYB Asian Pacific Corp. Ltd.
■ KYB Asian Pacific Corp. Ltd. (Amata Nakorn Branch)
■ KYB Trading (Shanghai) Co., Ltd.
■ Kayaba System Machinery Co., Ltd. Taiwan Office
■ KYB Corporation Chennai Branch

JAPAN　1 Country, 13 Companies

KYB Corporation
★ KYB Head office
● Kumagaya Plant
● Sagami Plant
● Aikawa Plant
● Gifu North Plant
● Gifu South Plant
● Gifu East Plant
◆ Basic Technology R&D Center
◆ Production Technology R&D Center
◆ Machine Tools Center
◆ Developmental Experiment Center
■ Automotive Components Operations
Sales & Marketing Headquarters
Sales Department No.2
■ Nagoya Branch
■ Osaka Branch
■ Hiroshima Sales Office
■ Fukuoka Branch
● Kayaba System Machinery Co., Ltd.
● KYB Trondule Co.,Ltd.
● KYB-YS Co.,Ltd.
● KYB Kanayama Co.,Ltd.
● KYB Motorcycle Suspension Co.,Ltd.
● Takako Industries, INC.
■ KYB Engineering and Service Co., Ltd.
■ Kensiyuu Co., Ltd.
■ Japan Analysts Co., Ltd.
■ KYB Logistics Co., Ltd.
■ KYB Systemerit Co., Ltd.
■ Chikuyo seiki Kogyo Co., Ltd.

AMERICAS　3 Countries, 7 Companies

★ KYB Americas Corporation (indiana)
■ KYB Americas Corporation (Chicago)
■ KYB Americas Corporation (Detroit Branch)
■ KYB Americas Corporation (Greenwood)
● Takako America Co., Inc.
● KYB Mexico S.A. de C.V.
● KYB Manufacturing do Brasil Fabricante de Autopeças S.A.
■ KYB Corporation Aircraft Components Division
■ KYB International America Inc.
■ KYB Latinoamerica S.A. de C.V.
■ Comercial de Autopeças KYB do Brasil Ltda.

★ **Regional Headquarters** (6)
统辖基地 (6)
● **Production Base** (37)
生产基地 (37)
◆ **R&D Base** (5)
研究开发基地 (5)
■ **Sales Office/Other Services** (35)
销售基地及其他服务 (35)

Automotive 汽车
Motorcycles 摩托车
Railroad Equipment 铁路
Aircraft Components 飞机
Construction Machinery 工程机械
Industrial Vehicles 工业车辆
Agricultural Machinery 农业机械
Industrial Machinery 工业机械
Special Purpose Vehicles 特殊车辆
Theater equipment and Equipment for Construction 舞台和建筑设备
Marine Products 船舶
Testers 测试设备
Sports, Environment, and Welfare 体育运动 环境 福利

KYB Corporation

Our Precision, Your Advantage

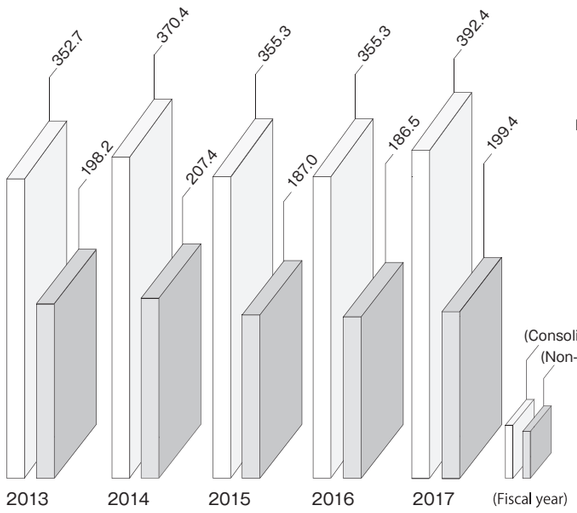
Outline

Founded	November 19, 1919, as Kayaba Research Center
Established	March 10, 1935, as Kayaba Manufacturing Co., Ltd.
Incorporated	November 25, 1948, as Kayaba Industry Co., Ltd.
	October 1, 1985, changed Kayaba from Kanji to Katakana.
	October 1, 2005, started to use KYB Corporation as its popular name.
	On October 1, 2015, the trade name was changed to KYB Corporation.
Paid-in Capital	27,647.6 million yen (as of March 31, 2018)
Securities Traded	Tokyo Stock Exchange (First Section)
Number of Employees	14,754 (as of March 31, 2018, consolidated)
	3,775 (as of March 31, 2018, non-consolidated)
Net Sales	392.4 billion yen (for FY2017, consolidated)
	199.4 billion yen (for FY2017, non-consolidated)

Net Sales

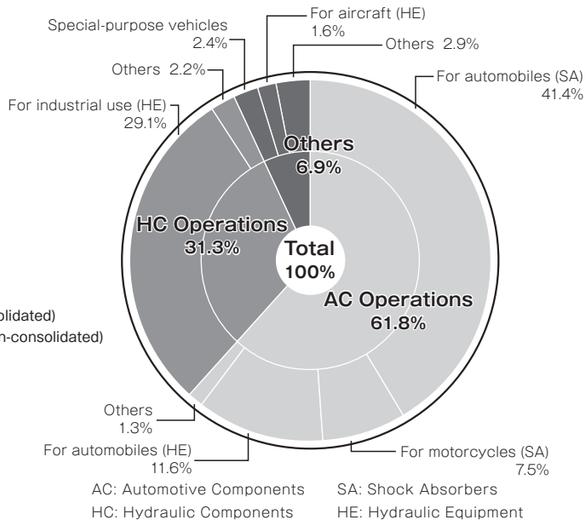
Five-year Trend in Sales

(¥ billion)



Sales Composition by Product for Fiscal 2017

(Consolidated)



Management

Representative Director, Chairman and President Executive Officer	Yasusuke Nakajima	Managing Executive Officer	Eiji Hisada
		Managing Executive Officer	Kenji Yamanouchi
		Managing Executive Officer	Hideki Nonoyama
Representative Director, Executive Vice President Executive Officer	Takaaki Kato	Managing Executive Officer	Osamu Kunihara
		Managing Executive Officer	Hitoshi Nitta
Member of the Board of Directors, Executive Vice President Executive Officer	Masao Ono	Managing Executive Officer	Ikuo Inagaki
		Managing Executive Officer	Hajime Sato
Member of the Board of Directors, Executive Vice President Executive Officer	Keiichi Handa	Executive Officer	Kazuaki Shoji
		Executive Officer	Masaru Tsuboi
Member of the Board of Directors, Senior Managing Executive Officer	Keisuke Saito	Executive Officer	Tomoyuki Nagata
		Executive Officer	Koji Yamamoto
Member of the Board of Directors, Senior Managing Executive Officer	Takafumi Shoji	Executive Officer	Hiroshi Kurotaki
		Executive Officer	Takashi Kondo
Member of the Board of Directors (Outside)	Rokuro Tsuruta	Executive Officer	Kimiro Sudo
		Executive Officer	Masahiro Kawase
Member of the Board of Directors (Outside)	Shuhei Shiozawa	Executive Officer	Takashi Tezuka
		Executive Officer	Ryuji Uda
Senior Managing Executive Officer	Hiroshi Ogawa	Executive Officer	Minoru Ishikawa
		Audit & Supervisory Board Member (Full Time)	Tomoo Akai
Senior Managing Executive Officer	Toshihiko Hatakeyama	Audit & Supervisory Board Member (Full Time)	Osamu Kawase
		Audit & Supervisory Board Member (Full Time)	Motoo Yamamoto
		Audit & Supervisory Board Member (Full Time)	Takashi Saito

(As of January 1, 2019)

History

Month & Year	Event
1919.11	Shiro Kayaba founded Kayaba Research Center
1927. 1	Established Kayaba Seisakusho
1935. 3	Established Kayaba Manufacturing Co., Ltd.
1943. 7	Established Gifu works (presently Gifu South Plant)
1948.11	Established Kayaba Industry Co., Ltd. (based on the Corporate Reconstruction and Reorganization Act)
1956. 6	Established Kayaba Auto Service Co., Ltd. (presently KYB Engineering and Service Co., Ltd.)
1959.10	Listed the Company's stocks on the Tokyo Stock Exchange.
1961. 3	Established Urawa Special-Purpose Vehicle Plant
1968. 3	Established Gifu North Branch Plant (presently Gifu North Plant)
1970. 6	Invested in Yung Hwa Machinery Industrial Co., Ltd. (presently KYB Manufacturing Taiwan Co., Ltd.) of Taiwan
1970. 7	Established Kanayama Kayaba Co., Ltd. (presently KYB Kanayama Co., Ltd.)
1971. 1	Established Kumagaya Plant
1971. 5	Established Mie Plant
1972. 6	Invested in Yanagisawa Seiki MFG Co., Ltd. (presently KYB-YS Co., Ltd.)
1974. 7	Established KYB Corp. of America (presently KYB Americas Corporation) in the United States
1975. 5	Established Sagami Plant
1975. 6	Established Japan Analyst Co., Ltd., a joint venture
1976. 2	Established PT. Kayaba Indonesia, a joint venture, in Indonesia.
1980.11	Awarded Deming Application Prize for TQC activities
1983. 6	Jointly acquired AP Amortiguadores S.A. (presently KYB Suspensions Europe, S. A. U.) in Spain
1983. 8	Established Kayaba (Malaysia) Sdn. Bhd. (presently KYB-UMW Malaysia Sdn. Bhd.), a joint venture, in Malaysia
1985.10	Changed the Company name "KYB" from kanji (Chinese characters) to katakana (Japanese Characters)
1989. 6	Established Kayaba Europe GmbH (presently KYB Europe GmbH) in Germany
1995. 9	Established Kayaba Hydraulics (Malaysia) Sdn. Bhd. (presently KYB-UMW Steering Malaysia Sdn. Bhd.), a joint venture, in Malaysia
1996. 1	Established Siam Kayaba Co., Ltd. (presently KYB (Thailand) Co., Ltd.), a joint venture, in Thailand
1997. 6	Established Kayaba Spain, S.A. (presently KYB Steering Spain, S.A.U.), a joint venture, in Spain
1996.10	Established THAI KAYABA Industries Co., Ltd. (presently KYB (Thailand) Co., Ltd.), a joint venture, in Thailand
1998. 3	Acquired ISO9001 certification for all plants
2000. 8	Established Arvin-Kayaba Do Brasil LTDA. (presently KYB-Mando do Brasil Fabricante de Autopecas S.A.), a joint venture, in Spain
2001. 2	Acquired ISO14001 certification for all plants
2002.10	Established Kayaba Vietnam Co,. Ltd. (presently KYB Manufacturing Vietnam Co,. Ltd.) in Vietnam
2002.12	Established KYB Industrial Machinery (Zhenjiang) Ltd. in China
2003. 8	Established KYB Manufacturing Czech s.r.o., a joint venture, in the Czech Republic
2004. 2	Established KYB Hydraulics Industry (Zhenjiang) Ltd. in China
2004. 6	Acquired shares of Trondule Co., Ltd. (presently KYB Trondule Co., Ltd.) and became a subsidiary

Month & Year	Event
2004. 7	Established Kayaba System Machinery Co., Ltd., which split the Systems Products Division from the Company
2004.11	Established KYB Trading (Shanghai) Co., Ltd. in China
2004.12	Established KYB Latinoamerica S.A de C.V. in Mexico
2005. 2	Established KYB Asia Co., Ltd. in Thailand
2005.10	Change alias name to KYB Corporation
2006.10	Acquired shares of Takako Industries Inc. and became a subsidiary
2008. 6	Established Gifu East Plant
2008. 8	Established Wuxi KYB Top Absorber Co., Ltd., a joint venture, in China
2008. 8	Established Changzhou KYB Leadrun Vibration Reduction Technology Co., Ltd., a joint venture, in China
2008.10	Established KYB Advanced Manufacturing Spain, S.A.U., a joint venture, in Spain
2009.12	Established European Regional Headquarters in Germany
2010.12	Established Regional Headquarters in China
2011. 4	Yanagisawa Seiki MFG Co., Ltd. (presently KYB-YS Co., Ltd.), became a wholly owned subsidiary.
2011. 7	Established Developmental Experiment Center, a test course for automobiles and motorcycles
2011.10	Established Machine Tools Center
2012. 4	Established Electronic Technology Center
2012. 4	Established KYB Europe Headquarters B.V. in the Netherlands
2012. 7	Established LLC KYB Eurasia in Russia
2012.10	Established KYB Mexico S.A. de C.V. in Mexico
2012.12	Established KYB Motorcycle Suspension India Private Limited, a joint venture, in India
2013. 1	Established KYB CHITA Manufacturing Europe s.r.o., a joint venture, in the Czech Republic
2013. 2	Acquired shares of KYB-Conmat Private Limited in India and became a subsidiary
2013.11	Established PT. KYB Hydraulics Manufacturing Indonesia, a joint venture, in Indonesia
2013.10	Established KYB Motorcycle Suspension Co., Ltd., a joint venture
2013.12	Established Comercial de Autopeças KYB do Brasil Ltda. in Brazil.
2014. 9	Established Chennai Sales Office in India
2015. 6	KYB Advanced Manufacturing Spain, S.A.U. became a wholly owned subsidiary.
2015.10	Changed the trade name to KYB Corporation.
2016. 1	Established Aircraft Components Division
2016. 4	Merged KYB-CADAC Co., Ltd. into KYB-YS Co., Ltd.
2016. 4	Merged KYB Hydraulics Industry (Zhenjiang) Ltd. into KYB Industrial Machinery (Zhenjiang) Ltd.
2016. 4	Merged KK Hydraulics Sales (Shanghai) Ltd. into KYB Trading (Shanghai) Co., Ltd.
2017. 4	KYB Asia Co., Ltd. merge with KYB Technical Center (Thailand) Co., Ltd. , and established KYB Asian Pacific Corp. Ltd.
2018. 6	Manufacturing company in Brazil became a wholly owned subsidiary and established KYB Manufacturing do Brasil Fabricante de Autopecas S.A.
2018.11	Established Hubei Henglong & KYB Automobile Electric Steering System Co., Ltd., a Joint venture, in China.

Our Precision, Your Advantage

KYB Corporation

Main office
总公司

〒105-6111
World Trade Center Building, 2-4-1 Hamamatsucho, Minato-ku, Tokyo, Japan
东京都港区滨松町二丁目4番1号 世界贸易中心大厦

TEL.+81 3-3435-3511　FAX.+81 3-3436-6759

https://www.kyb.co.jp

□ E7 series for Hokuriku Shinkansen bullet train line. Photo Credit: JR East
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各产品名称为 KYB 集团的商标。

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