

Polymer-tech Solution™

PLASTIC BEARINGS TECHNOLOGY

工程塑料轴承



CSB®



- 成立于1995年，总注册资本7500万人民币；
- 2016年销售额超过4亿元人民币，员工800名；
- 拥有两个生产基地，占地130000m²；
- 国家级高新技术企业，51项专利；
- ISO9001:2008、IATF16949:2016质量认证。
- CSB was established in 1995 and its legal registered capital is 11.5 million US Dollars.
- CSB turnover in 2016 was more than USD 62 million. Currently there are 800 employees working at CSB.
- There are 2 facilities covering over 130000m² with extendable area for future enlargement.
- China National Hi-Tech Enterprise has been granted, 51 patents obtained till now.
- ISO9001: 2008 and IATF16949:2016 quality management system were certificated.

新型自润滑材料适应环境保护要求 Concern for Environment Requirement

CSB积极应对环境保护的要求，通过多年的努力在各个应用领域都已成功开发了满足RoHS要求的不同材料。

Concern for environmental requirement, CSB has developed various kinds of self-lubricating materials to conform to environment requirement.

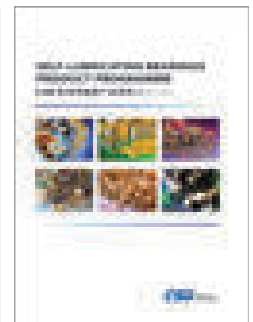
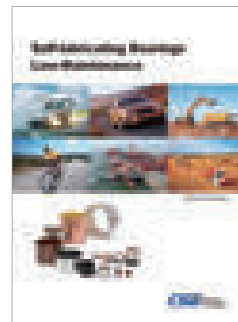
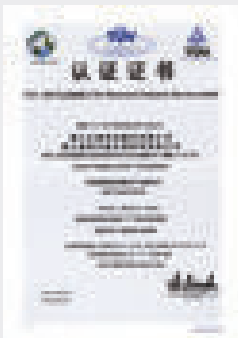
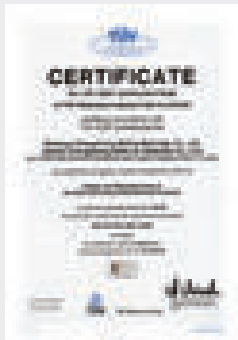
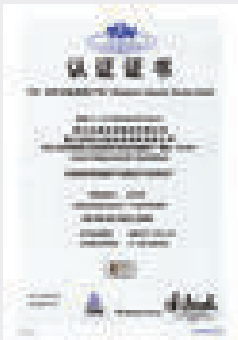
RoHS指令限制的六种有害物质 EC Directive 2011/65/EU (the RoHS Directive)

汞Hg、六价铬Cr⁶⁺、铅Pb、镉Cd、多溴联苯醚PBDE、多溴联苯PBB。

This directive restricts the use of hazardous substances. Listed below are CSB products which are all RoHS compliant.

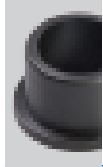


"CSB", "Ploymer-tech Solution", "Dry Motion-tech", "Dry-idea", "CSB-EPB", "CSB-LIN", "CSB-FWB", "CSB-LMS", "CSB-BAL", "CSB-RPM", "CSB-PEC", "CSB-PCC", "CSB-PEW", "CSB-PPR", "CSB-FLB", "CSB-CPB", "CSB-PCB", "CSB-PYB", "CSB-SRB" and "CSB-PRB" are legally protected trademarks in China and in case also in foreign countries. 中国保护商标，同时在其它一些国家也受当地法律保护。



Your Partner for Self-lubricating Bearing Application

为所有工业提供各种自润滑轴承解决方案



CSB-EPB™工程塑料轴承 Plastic Plain Bearings

自润滑免维护、耐腐蚀、长服务寿命、轻量化；可选：极低摩擦系数、高载荷、抗静电、高温250℃、FDA食品安全等级。

Maintenance-free dry operation, Absolute corrosion resistance, Long service time and light; Multiple choices: Lowest friction coefficient, High load, Anti-static, High temperature 250℃, FDA food safety grade.

P12



CSB-BAL™塑料关节轴承 Plastic Spherical Bearings

自润滑免维护、耐腐蚀、抗污垢、轻量化；可选：多种结构设计满足不同安装需求。

Self-lubricating and maintenance-free, Corrosion-resistant, Anti-fouling, lightweight; Multiple structural design to meet different installation requirements.

P188



CSB-LIN™塑料直线轴承 Plastic Linear Bearings

干运行无需供油、抗粉尘、无噪音、耐腐蚀、长服务寿命、轻量化；可选：高温250℃、多种安装方式。

Dry operation without oil, Anti-dust, No noise, Corrosion resistance, Longer service time and light; Multiple Assemble types, Highest operation temperature 250℃.

P186



CSB-LMS™直线驱动系统 Linear Motion Systems

自润滑免维护直线驱动系统，直线滑动原件及丝杆螺母均采用高耐磨EPB13材料制成，实现永久性干摩擦，低噪音、长服务寿命，适合在粉尘或污水下运行。

Self-lubricating and maintenance-free linear motion system, Linear slider and screw nuts are made of high wear-resistant material EPB13, Dry operation for longer time, lower noise, longer service time and suitable for operation in dust or dirty water.

P223



CSB-SFP™耐磨半成品 Semi-finished Products

采用CSB-EPB高耐磨材料制成，可实现非标轴承的快速加工、小批量制作降低成本；可选：棒材、板材、片材。

The semi-finished products are made of anti-wear and high performance materials CSB-EPB, It can be machined non-standard bearings in short time, saving cost for small quantity; Multiple choices: Bar, sheet and tribo-tape.

P281



CSB-PRB™塑料滚动轴承 Plastic Rolling Bearings

自润滑免维护、耐腐蚀、轻量化；可选：内外圈、保持架、滚珠多种材料可选。

Maintenance-free, corrosion-resistant, lightweight; Multiple choices: inner and outer ring, cage and ball can be designed different materials freely.

P291



CSB-SRB™回转支承轴承 Slewing Ring Bearings

免维护干运行、低噪音、轻量化；滑动原件可选耐磨材料EPB13、高载荷金属与特氟龙复合材料CSB-11。

Maintenance-free and dry operation, lower noise, lightweight; The slider can be made of wearresistant material EPB13 or metal and teflon composite material CSB-11 for higher load.

P299



CSB-FWB™纤维缠绕轴承 Filament-wound Bearings

连续长纤维复合材料、干摩擦性能最优越、极高的承载能力、最高静载荷240MPa，特别适合用于高载低速下的摆动。

Long fiber composite material, The best performance for dry operation, High load capacity and max. static load 240MPa, Especially suitable for swing with high load and low speed.

P303

<http://www.csb-ep.com>

Products

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CSB Product Family

CSB产品

Polymer-tech Solution™

Products

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CSB-EPB™工程塑料轴承 Plastic Plain Bearings P 12-167



CSB-LIN™塑料直线轴承 Plastic Linear Bearings P 186-222



CSB-PRB™塑料滚动轴承 Plastic Rolling Bearings P 291-294



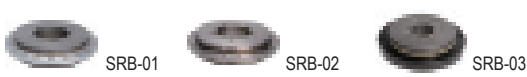
CSB-BAL™塑料关节轴承 Plastic Spherical Bearings P 168-185



CSB-LMS™直线驱动系统 Linear Motion Systems P 223-280



CSB-SRB™回转支撑轴承 Slewing Ring Bearings P 299-302



CSB-RPM™转向器支撑套 Steering Rack Bearings P 295-296



KER转角轴承 Knife edge rollers P 290



CSB-PEC™扶梯自润滑回转链 Self-lubricated Rotary Chains P 297-298



CSB-SFP™耐磨半成品 Semi-finished Products P 281-289



CSB-FWB™纤维缠绕轴承 Filament-wound Bearings P 303-315



金属自润滑轴承 Metal Sliding Bearings P 316-317



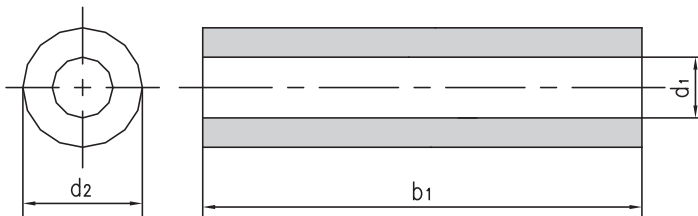
KER转角轴承 Knife edge rollers



产品特性 Product Features

- 自润滑、免维护
 - 低驱动力
 - 抗灰尘、无噪音
 - 抗化学腐蚀，可用于液体环境
 - 紧凑的偏转半径
 - 延长传输带寿命
 - 高性价比
 - 多种材料选择：EPB18, EPB23, EPB21, EPB6
- Self-lubricating, maintenance-free
 - Low driving force
 - Resistant to dust, no noise
 - Resistant to chemical corrosion, available in liquid environment
 - Compact deflection radius
 - Extend the life of the belt
 - Cost-effective
 - Multiple materials: EPB18, EPB23, EPB21, EPB6

标准规格 Standard Specifications



订购编码 Order PN:

KER18-0309-50

长度 Length

外径 Outer diameter

内径 Inner diameter

材料 Material: EPB18/EPB23/EPB21/EPB6

订购编码 Order PN				d ₁	d ₂	b ₁
EPB18	EPB23	EPB21	EPB6	+0.1/0	± 0.1	0/-0.3
KER18-0309-50	KER23-0309-50	KER21-0309-50	KER6-0309-50	3.1	9.0	50
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KER18-0511-70	KER23-0511-70	KER21-0511-70	KER6-0511-70	5.1	11.0	70
KER18-0514-70	KER23-0514-70	KER21-0514-70	KER6-0514-70	5.1	14.0	70
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