



HKW同时也提供陶瓷球轴承 和回转驱动解决方案

HKW also provides solutions for ceramic ball bearings and slewing drives

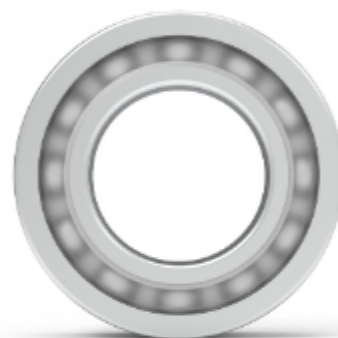
回转驱动广泛应用于太阳能发电转向机构、小型风力发电机变桨与偏航轴承、起重机回转机构、特种车辆等场景
Slewing drives are widely used in scenarios such as solar power generation steering mechanisms, pitch and yaw bearings of small wind turbines, crane slewing mechanisms, and special vehicles.

陶瓷球轴承广泛应用于高速、极端温度、腐蚀、绝缘环境以及航空航天、风力发电机等领域
Ceramic ball bearings are widely used in fields such as high speed, extreme temperatures, corrosion [environments], insulation [scenarios], aerospace, and wind turbines.

陶瓷球轴承 Ceramic Ball Bearings

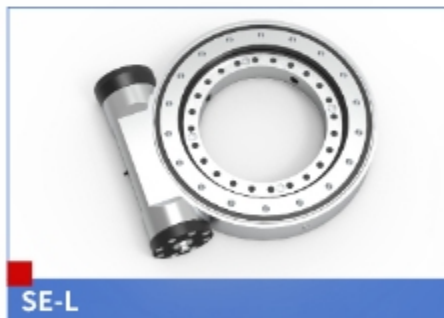


无密封混合陶瓷 单列深沟球轴承
Unsealed hybrid ceramic single-row deep groove ball bearing



两侧带密封的混合陶瓷 单列深沟球轴承
Hybrid ceramic single-row deep groove ball bearings with seals on both sides

回转驱动 Slewing Drives



SE-L



SE-H



SE定制 SE Customization



GT-L



GT-H



GT定制 GT Customization



德国百年机械制造经验 风电轴承解决方案供应商

Century-old German Machinery Manufacturing Experience
Wind Turbine Bearing Solution Provider



代理经销商 Distributor

Heinz Kühlwetter GmbH
Charlottenstraße 61, 51149 Köln, Germany
Tel: +49 220 3961 8500
Email: info@hkw.com.de

赫库勒贸易（上海）有限公司
Heinz Kühlwetter Trading (Shanghai) Co., Ltd
上海市奉贤区环城西路3111弄300号2幢1层
电话: 400-001-9691
邮箱: info@hkw.com.cn

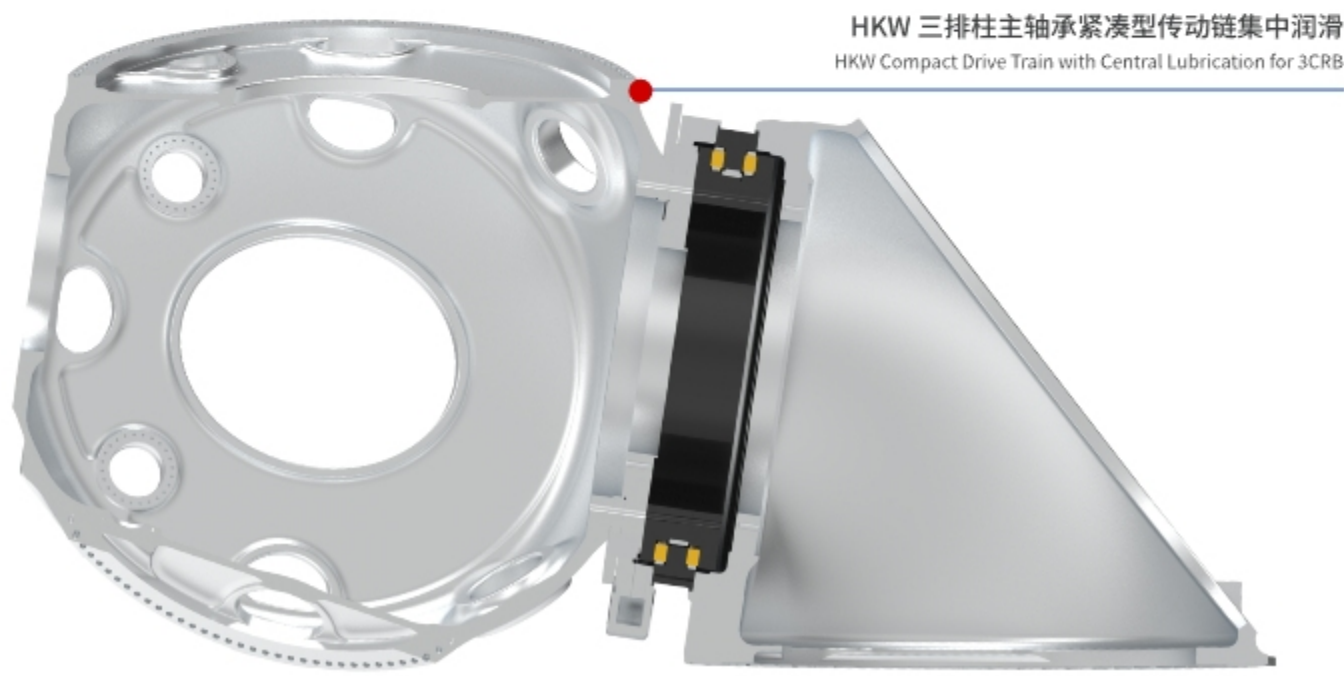
赫库勒能源（重庆）有限公司
Heinz Kühlwetter Energy (Chongqing) Co., Ltd
重庆市两江新区湖彩路118号香港置地光环中心写字楼B座801室
电话: 400-001-9691
邮箱: info@hkw.com.cn



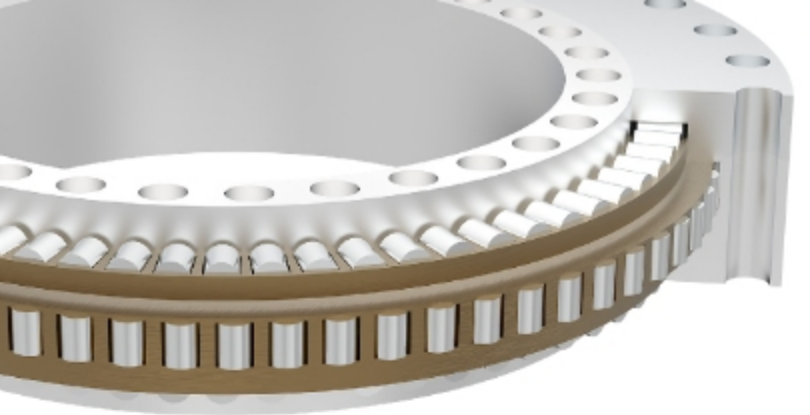
德国HKW——始于1921 German HKW – Founded in 1921

1921年起，HKW 早期深耕齿轮供应与轴承研发，以卓越品控和技术服务赢得全球信赖。
 Since 1921, HKW has been deeply engaged in gear supply and bearing R&D in its early stage, earning global trust through outstanding quality control and technical services.

优秀的设计、工艺和制造能力，担当产品卓越优势，此领域HKW欧洲排名前三！
 HKW ranks among the top three in Europe in this field, supported by its outstanding design, craftsmanship, and manufacturing capabilities that underpin the product's exceptional advantages!



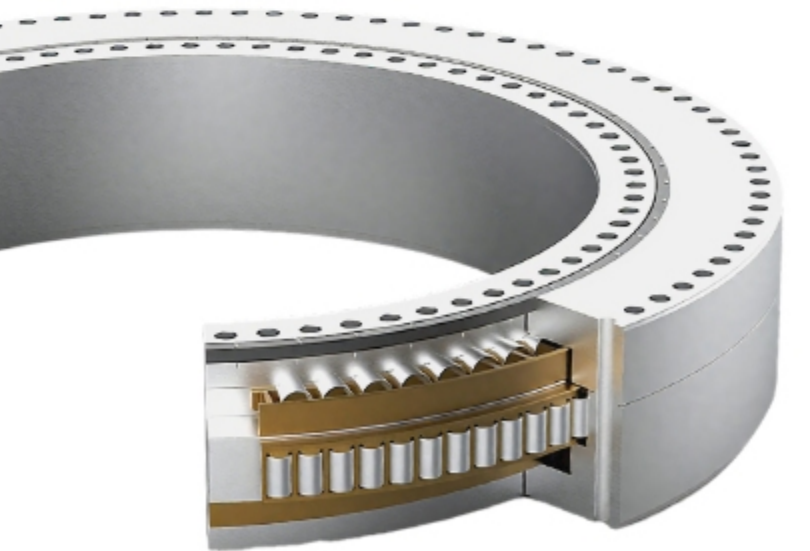
HKW 三排柱主轴承紧凑型传动链集中润滑
 HKW Compact Drive Train with Central Lubrication for 3CRB



HKW 风力发电主轴承

Main Bearings for Wind Turbines

- 极端载荷的高承载能力
High load-carrying capacity under extreme loads
- 抗倾覆稳定性与刚性提升
Enhanced anti-overturning stability and rigidity
- 寿命延长与可靠性优化
Extended service life and optimized reliability
- 紧凑性与系统集成优势
Compactness and system integration advantages
- 动态性能与运维便利
Dynamic performance and convenient operation & maintenance
- 海上风电的特殊适应性
Special adaptability for offshore wind power
- 直接用紧固件连接，无需精密装配
Direct connection via fasteners, no need for precision assembly



▲ 三排圆柱回转支承主轴承
 Three-Row Cylindrical Slewing Main Bearing



4600mm 三排柱回转支承主轴承
 4600mm Three-Row Cylindrical Slewing Main Bearing

三排圆柱回转支承作为风电主轴承尺寸范围： 200mm-6500mm

Size Range of Three-Row Cylindrical Slewing Bearings as Main Bearings for Wind Power Equipment: 200mm - 6500mm

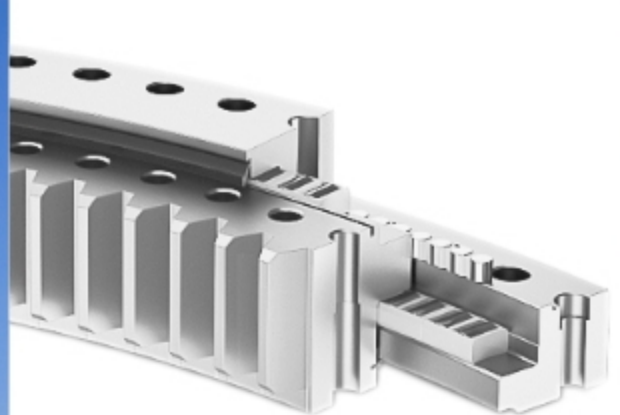
滚柱尺寸范围：16mm-120mm

Roller size range: 16mm - 120mm



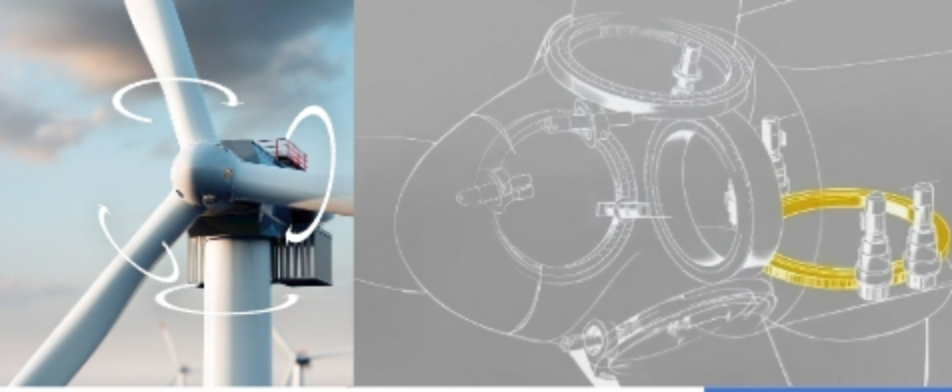
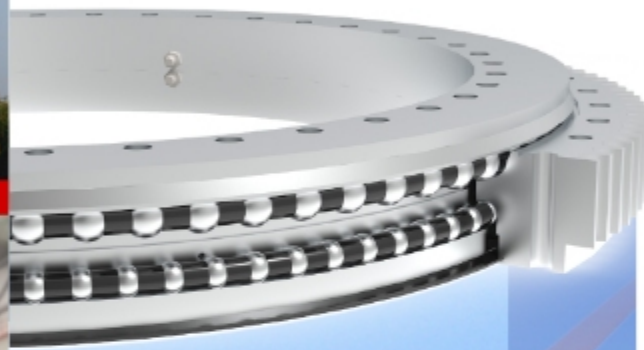
8MW直径3200mm风电设备三排柱主轴承吊装现场
 Hoisting Site of 3200mm-Diameter Three-Row Cylindrical Main Bearing for 8MW Wind Power Equipment

www.hkw.com.de



▲ 三排圆柱回转支承独立变桨轴承
 Three-Row Cylindrical Slewing Independent Pitch Bearing

▼ 双列四点球回转支承偏航轴承
 Double-row four-point contact ball slewing yaw bearing

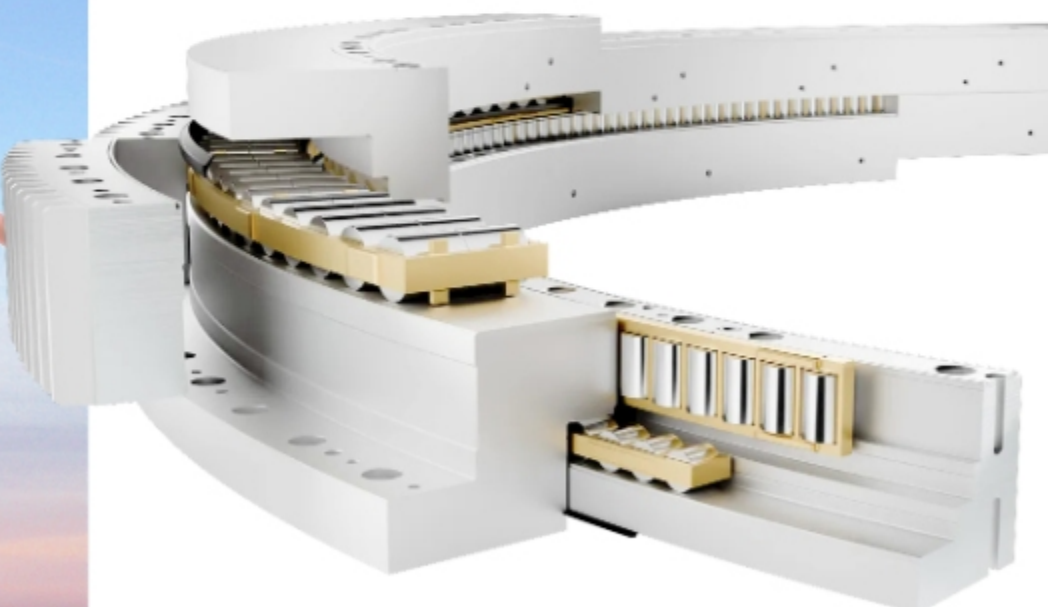


HKW 变桨轴承和偏航轴承

Pitch Bearings and Yaw Bearings

- 超高承载能力与载荷分配优化
Ultra-high load-carrying capacity and optimized load distribution
- 适合 5MW 以上风力发电机组
Suitable for wind turbines above 5MW
- 抗疲劳与长寿命设计
Anti-fatigue and long-service-life design
- 智能化监测，维护成本低
Intelligent monitoring with low maintenance costs
- 抗海上极端环境能力
Resistance to extreme offshore environments

▼ 三排圆柱回转支承偏航轴承
 Three-Row Cylindrical Slewing Yaw Bearing



HKW拥有适合多种风力发电机组的轴承解决方案
 如需了解更多，请登录 www.hkw.com.de 查看详情。

HKW offers a variety of bearing solutions suitable for wind turbines.
 For more information, please visit www.hkw.com.de for details.