

轴向柱塞马达

AXIAL PISTON MOTOR



KC-FAM 系列

KC-FAM SERIES

KC-FAM轴向柱塞电机以其先进的轴向柱塞设计为工业和移动应用树立了新的标准，提供了卓越的性能和可靠性。这些电机具有高效率，紧凑的设计和广泛的控制选项，以满足最苛刻的操作条件

KC-FAM is axial piston motors set a new standard in industrial and mobile applications with their advanced axial piston design, delivering exceptional performance and reliability. These motors feature high efficiency, compact design, and a wide range of control options to meet the most demanding operating conditions.

优势

ADVANTAGES

- 卓越的效率：先进的轴向活塞技术确保了高的体积和机械效率
- 灵活的控制：多种控制选项，包括手动，液压和电气控制
- 双向旋转：支持正向和反向操作的多功能应用
- 坚固的设计：设计承受高压和恶劣的操作环境
- 易于维护：模块化设计简化了维护和维修程序
- 适用范围广：适用于工程机械、农业设备、矿山机械等。

Superior Efficiency: Advanced axial piston technology ensures high volumetric and mechanical efficiency

Flexible Control: Multiple control options including manual, hydraulic, and electric controls

Bidirectional Rotation: Supports both forward and reverse operation for versatile applications

Robust Design: Engineered to withstand high pressures and harsh operating environments

Easy Maintenance: Modular design simplifies maintenance and repair procedures

Wide Application Range: Suitable for construction machinery, agricultural equipment, mining machinery, and more.

技术数据

TECHNICAL DATA

类型 Type	排量 Displacement cm³/rev	最大角功率 Maximum Angular power Kw	最大连续压力 Max Continuous Pressure Bar	峰值压力 Peak Pressure Bar	持续转速 Continuous Speed Rpm	最大转速 Max Speed Rpm	安装法兰 Mounting Flange
KC-FAM75	75	237	450	480	3600	3950	SAEC
KC-FAM100	100	292	450	480	3300	3650	SAEC

应用

APPLICATIONS

工程机械：广泛应用于挖掘机、装载机、起重机、推土机、压路机、平地机等设备。在挖掘机中，用于驱动回转机构，动臂和杆的提升，斗的挖掘动作；在装载机中，用于工作装置的行程驱动和升降、装卸作业；在起重机中，它为起重、变幅和回转机构提供动力。

农业机械：如联合收割机、拖拉机、播种机、收割机、采棉机、甘蔗收割机、青贮收割机等。对于联合收割机，用于升降割台、输送装置和行程驱动；对拖拉机来说，动力起飞是用来驱动各种农具进行耕作、播种、收割和其他作业。

矿机：适用于矿机绞车、刮板输送机、破碎机、球磨机等设备。它为采矿绞车的升降矿石提供动力；刮板输送机的驱动保证了物料的高效输送；破碎机和球磨机的运行也依赖于柱塞电机提供的稳定动力。

Construction Machinery: Widely used in excavators, loaders, cranes, bulldozers, road rollers, graders and other equipment. In excavators, it is used to drive the slewing mechanism, the lifting of the boom and stick, and the digging action of the bucket; in loaders, it is used for the travel drive and the lifting and loading/unloading operations of the working device; in cranes, it provides power for the hoisting, luffing and slewing mechanisms.

Agricultural Machinery: Such as combine harvesters, tractors, seeders, harvesters, cotton pickers, sugar cane harvesters, silage harvesters, etc. For combine harvesters, it is used for the lifting of the cutting table, the conveying device and the travel drive; for tractors, the power take - off is used to drive various agricultural implements for plowing, sowing, harvesting and other operations.

Mining Machinery: Suitable for mining winches, scraper conveyors, crushers, ball mills and other equipment. It provides power for the lifting and lowering of ores in mining winches; the drive of the scraper conveyor ensures the efficient transportation of materials; the operation of crushers and ball mills also relies on the stable power provided by the piston motor.