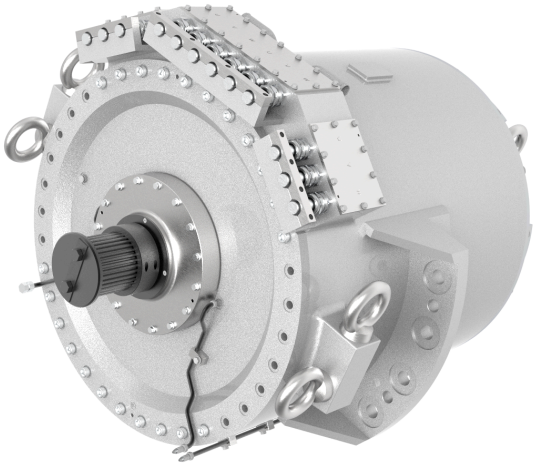
150T 刚卡电机 HTGK10000

HTGK10000 Motor for 150 t Rigid Mining Trucks



展品特点

HTGK10000 是面向 150 吨级刚性矿卡电动轮需求开发的专用驱动电机：峰值转矩 15000 Nm、额定输出转矩 10000 Nm，额定功率 700 kW、峰值功率 1000 kW，全面满足刚性矿卡强动力性与高可靠电机制动需求。

电机采用四绕组构型，具备容错控制能力，单套绕组异常时仍可维持整车运行，显著提升出勤可靠性；最高效率超过 98%，长坡重载工况下有效降低电耗。整机重量 3045 kg，尺寸 1336×900×938 mm，适配 850 V 高压平台，额定转速 742.78 rpm、峰值转速 3600 rpm，与四绕组电机控制器配套构成完整矿卡电动轮动力方案。目前处于样机阶段，欢迎莅临展位交流。

Key Parameters & Features (EN)

额定电压 Rated voltage	850 VDC
额定 / 峰值功率 Rated / peak power	700 / 1000 kW
额定 / 峰值扭矩 Rated / peak torque	10000 / 15000 Nm
额定 / 峰值转速 Rated / peak speed	742.78 / 3600 rpm
额定 / 峰值总电流 Rated / peak current	1595 / 2542 A
整机重量 Weight	3045 kg
整机尺寸 Dimensions	1336×900×938 mm
应用进展 Status	样机阶段 Prototype

HTGK10000 is a dedicated motor for the electric wheel of 150 t rigid mining trucks: 10,000 Nm rated / 15,000 Nm peak torque, 700 kW rated / 1,000 kW peak power, fully meeting the strong dynamics and reliable electric braking demands of rigid dump trucks. Its four-winding architecture is fault-tolerant — the vehicle keeps running if one winding set fails, improving availability; peak efficiency exceeds 98%, cutting energy use on long loaded grades. 3,045 kg, 1,336×900×938 mm, 850 V platform, 742.78 rpm rated / 3,600 rpm peak speed. Paired with the four-winding controller it forms a complete electric-wheel powertrain. Prototype stage — visit our booth.