



Introduction

The HLEC-TZ530XS-001 is a low-speed, high-torque permanent magnet synchronous motor for direct drive system, features high output torque, efficiency, and reliability.

Applications



Mining
dump truck

Technical specifications

Electric motor specifications	
PMSM	PMSM (Permanent magnet synchronize motor)
Rated voltage	630VDC
Peak power	800kW
Rated power	500kW
Peak torque	15000Nm
Rated torque	4600Nm
Peak speed	3000rpm
Rated speed	1050rpm
IP rating	IP67



Introduction

The HLEC-TZ530XS-003 is a low-speed, high-torque permanent magnet synchronous motor for direct drive system, features high output torque, efficiency, and reliability.

Applications



Loader



Excavator

Technical specifications

Electric motor specifications	
PMSM	PMSM (Permanent magnet synchronize motor)
Rated voltage	630VDC
Peak power	400kW
Rated power	250kW
Peak torque	7500Nm
Rated torque	2300Nm
Peak speed	3000rpm
Rated speed	1050rpm
IP rating	IP67