

Coaxial EDU



GENERAL FUNCTION

The Coaxial EDU has been developed for space-saving requirements with very high power densities. The electric motor and the power electronic can be configured in modular form. During operation, the electric motor's output is transferred to the planetary gear system and a differential. A disconnection clutch can be optionally integrated for additional safety functions. The Coaxial EDU ist designed for a long durability ideal for people mover applications and light commercial vehicles.



PERFORMANCE

		Coaxial EDU "S"	Coaxial EDU "M"	
TYPE OF EM		PMSM	PMSM	[-]
MAX. AXLE POWER (30s)	P_{\max}	90	150	[kW]
CONT. AXLE POWER	P_{cont}	40	75	[kW]
MAX. AXLE TORQUE (30s)	M_{\max}	2,500	up to 3,500	[Nm]
CONT. AXLE TORQUE	M_{cont}	1,144	up to 1,800	[Nm]
MAX. AXLE SPEED	n_{opmax}	850	up to 1,270	[rpm]
VOLTAGE LEVEL	U	400	400	[V]



BENEFITS

- Compact design
- Long durability
- High system performance and efficiency
- Many years of competence in system integration at hofer powertrain



YOUR CONTACT

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