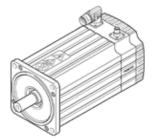
Servomotor EMMS-AS-140-L-HV-RM-S1 Part number: 1574689 Product to be discontinued

Without gear unit.



Data sheet

Feature	Value
Ambient temperature	-10 40 °C
Storage temperature	-20 60 °C
Relative air humidity	0 - 90 %
Conforms to standard	IEC 60034
Insulation protection class	F
Rating class according to EN 60034-1	S1
Temperature monitoring	PTC resistor
Protection class	IP65
	Plug
Materials note	Conforms to RoHS
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
Authorization	RCM Mark
	c UL us - Recognized (OL)
Storage temperature Relative air humidity Conforms to standard Insulation protection class Rating class according to EN 60034-1 Temperature monitoring Protection class Electrical connector system Materials note Corrosion resistance classification CRC PWIS conformity Authorization CE symbol (see declaration of conformity) UKCA marking (see declaration of conformity) UKCA marking (see declaration of conformity) Nominal voltage DC Type of winding switch Number of pole pairs Standstill torque Peak torque Nominal notary speed Max. speed Nominal motor current Peak current Motor constant Voltage constant, phase-to-phase Phase-phase winding inductance Overall mass moment of inertia at power take-off Product weight Permissible axial shaft load Rotor position sensor	according to EU-EMV guideline
	according to EU low voltage guideline
	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment
	To UK instructions for EMC
	To UK RoHS instructions
Nominal voltage DC	565 V
	Star inside
.,	6
	25.5 Nm
	17.41 Nm
	67.5 Nm
	2,800 1/min
	3,830 1/min
	5,110 W
	9.96 A
Peak current	51.5 A
Motor constant	1.75 Nm/A
Voltage constant, phase-to-phase	104.41 mVmin
Phase-phase winding resistance	0.586 Ohm
Phase-phase winding inductance	4.65 mH
Overall mass moment of inertia at power take-off	19.027 kgcm2
Product weight	16,200 g
Permissible axial shaft load	200 N
Permissible radial shaft load	1,060 N
Rotor position sensor	Absolute multi-turn encoder
Rotary position encoder interface	EnDat 22
Rotary position encoder measuring principle	Inductive
Rotor position encoder resolution	19 Bit
MTTF, subcomponent	76 years, rotary position encoder
MTTFd, subcomponent	152 years, rotary position encoder
ini i a, subcomponent	

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