

Approvals

General tests and factory approvals

	Classification Authority / Test Authority	Test purpose
EG Declaration of conformity	VEM motors GmbH	whole range of products
Declaration of incorporation	VEM motors GmbH	whole range of products
EMC	VDE Prüf-und Zertifizierungsinstitut	whole motor program
Factory approval	Register of Shipping (Russisches Register)	Factory Wernigerode
Series approval	Canadian Standards Association	K10R 112 - 315/K11R 132 - 315
Series approval	South African Bureau of Standards	K10R 112 - 315/K11R 132 - 315
VDE-EMV-Mark	VDE Prüf-und Zertifizierungsinstitut	K10R 112 - 315/K11R 132 - 315 A11O 132 - 200 W11R 132 - 200 KPR 56 - 100 WPER/WPR 56 - 112 KPR 112 - 315/KPER 63 - 315 ARB 22 - 65 SPR/SPER 132 - 280 SPH/SPEH 132 - 280 S11R/S11H 250 - 315 S10R/S10H 280 - 315
Degree of protection test	VDE Prüf-und Zertifizierungsinstitut	K10R / K11R
mechanical strength of housing	Institut für Materialforschung und Anwendungstechnik GmbH	K10R/K11R
Low-temperature test -40°C/ -70°C	Institut"Prüffeld für elektrische Hochleistungstechnik	SPR 225M4 KPER 315MY2 NS VL
Test against residual voltage (Insulation system Cl. F)	Institut"Prüffeld für elektrische Hochleistungstechnik	KPR 132M2, 11 kW KPR 225 M2, 55 kW KPER 315 MY2 NS VK
High-temperature test	University of Hong Kong Lloyd's Register of Shipping	K11R 160 L4 KPER-K10R-K11R-RH KPER-K10R-K11R-RH