

**The Appendix is an integral part of
Certificate of Accreditation No. 546/2023 of 16/10/2023**

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Innomotics, s.r.o., odštěpný závod Elektromotory Frenštát
CAB number 1742, Type Testing Laboratory
Markova 952, 744 01 Frenštát pod Radhoštěm

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test
1	Measurement of insulation resistance	IEC 60034-27-4, cl. 6 IEEE 43, cl. 9.1, 10	Three-phase electric motors
2	Measurement of resistance	IEC 60034-1 ed. 2, cl. 8.6.2.1 IEC 60034-2-1, ed. 2, cl. 5.7 IEEE Std. 118 CSA C390-10, cl. 5.7.6	Three-phase electric motors
3	Test of electrical resistance by withstand voltage	IEC 60034-1, cl. 9.2 IEEE 112, cl. 8.2 CSA C22.2 No. 100, cl. 7.4	Three-phase electric motors
4	Temperature-rise test	IEC 60034-1, cl. 8 IEEE 112, cl. 4.4, 5.8 CSA C390-10, cl. 7.1.2	Three-phase electric motors
5	Measurement of operating characteristics at constant voltage	IEC 60034-2-1, cl. 6.1.3.2.3 IEEE 112, cl. 5.6 CSA C390-10, cl. 7.1.4	Three-phase electric motors
6	Measurement of loading characteristics at constant torque	ČSN 35 0301:1987, cl. 2.11	Three-phase electric motors
7	Measurement of no-load curve and no-load loss	IEC 60034-2-1, cl. 6.1.3.2.4; 6.1.3.2.5 IEEE 112, cl. 5.5 CSA C390-10, cl. 7.1.6, 7.1.7	Three-phase electric motors
8	Determination of efficiency – direct measurement	IEC 60034-2-1, cl. 6.1, Method 2-1-1A IEEE 112, Test Method A	Three-phase electric motors
9	Determination of efficiency – determination on the basis of residual losses	IEC 60034-2-1, Method 2-1-1B IEEE 112, Test Method B CSA C390-10, cl. 7.2	Three-phase electric motors
10	Measurement of short-circuit curve and short-circuit loss	IEEE 112, cl. 7.2	Three-phase electric motors
11	Measurement of torque curve	IEEE 112, cl. 7.3.2.4	Three-phase electric motors
12	Current overload ability test	IEC 60034-1, cl. 9.3	Three-phase electric motors
13	Torque overload ability test	IEC 60034-1, cl. 9.4	Three-phase electric motors
14	Mechanical resistance test (test at elevated speed)	IEC 60034-1, cl. 9.6, 9.7	Three-phase electric motors
15	Thermistor protection assessment	IEC 60034-11, cl. 8.2	Three-phase electric motors

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- ¹ asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises
- ² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)

Explanations:

IEC – International Electrotechnical Commission
IEEE – Institute of Electrical and Electronics Engineers
CSA – Canadian Standards Association