



Certificate of Compliance

Certificate: 80249879 **Master Contract:** 305615
Project: 80249879 **Date Issued:** 2026-03-31
Issued to: **Sharp Engineers** **Issued by:** *Manikandan N*
552 A Road Cross Rd *Manikandan N*
12 G.I.D.C, Kathwada
Ahmedabad, Gujarat 382430
India

Attention: Kaushal patel

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



CSA B44.1/ASME A17.5

PRODUCTS

Class 2411 01 ELEVATOR EQUIPMENT - Elevator Electrical Equipment

Class 2411 81 ELEVATOR EQUIPMENT - Open and Enclosed Elevator - Electrical Equipment - Certified to US Standards

Synchronous Permanent Magnet Elevator Traction Machines, SEG-X7 series, 40% ED, three phases, Class F insulation, Maximum ambient 40°C, with Brake Coils.

SEG-X7 Machine:

Model(s)	Output Power (kW)	Output Power (HP)	Rated Voltage (V)	Rated Current (A)	Rated Speed (RPM)	Frequency (Hz)
SEGX72515025	5.9	8.0	380	38	23	4.5
SEGX72520025	8.0	10.7	380	38	31	6.1
SEGX72525025	9.9	13.3	380	38	38	7.6



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SEGX72530025	11.9	15.9	380	38	46	9
SEGX72535025	13.9	18.6	380	38	54	10.7
SEGX72540025	15.8	21.2	380	51	61	12.2
SEGX72545025	17.9	24.0	380	51	69	13.8
SEGX72550025	19.8	26.6	380	51	76	15.3
SEGX73515025	8.0	10.7	380	50	23	4.5
SEGX73520025	10.8	14.5	380	50	31	6.1
SEGX73525025	13.4	18.0	380	50	38	7.6
SEGX73530025	16.0	21.5	380	50	46	9
SEGX73535025	18.7	25.08	380	50	54	10.7
SEGX73540025	21.3	28.6	380	64	61	12.2
SEGX73545025	24.0	32.3	380	64	69	13.8
SEGX73550025	26.7	35.8	380	64	76	15.3

Synchronous Permanent Magnet Elevator Traction Machines, SEG-X7 series, 40% ED, three phases, Class F insulation, Maximum ambient 40°C, with Brake Coils.

Long Wrap Machine - 270 Degree Wrap Angle:

Model(s)	Output Power (kW)	Output Power (HP)	Rated Voltage (V)	Rated Current (A)	Rated Speed (RPM)	Frequency (Hz)
SEGX72515020L	5.9	8.0	380	35	29	5.7
SEGX72520020L	8.0	10.7	380	35	38	7.7
SEGX72525020L	10.0	13.3	380	35	48	9.6
SEGX72530020L	11.9	15.9	380	38	57	11.4
SEGX72535020L	13.9	18.6	380	38	67	13.4
SEGX72540020L	15.8	21.2	380	51	76	15.2
SEGX72545020L	17.9	24.0	380	51	86	17.2
SEGX72550020L	19.8	26.6	380	51	96	19.1
SEGX73515020L	8.0	10.7	380	45	29	5.7
SEGX73520020L	10.8	14.5	380	45	38	7.7
SEGX73525020L	13.4	18.0	380	45	48	9.6
SEGX73530020L	16.0	21.5	380	55	57	11.4
SEGX73535020L	18.7	25.08	380	55	67	13.4
SEGX73540020L	21.3	28.6	380	64	76	15.2
SEGX73545020L	24.1	32.3	380	64	86	17.2



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SEGX73550020L	26.7	35.8	380	64	96	19.1
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Synchronous Permanent Magnet Elevator Traction Machines, SEG-X7 series, 40% ED, three phases, Class F insulation, Maximum ambient 40°C, with Brake Coils.

MRL: 180 Degree Wrap Angle:

Model(s)	Output Power (kW)	Output Power (HP)	Rated Voltage (V)	Rated Current (A)	Rated Speed (RPM)	Frequency (Hz)
SEGX72515020MR L	5.8	7.8	380	14	72	14.5
SEGX72520020MR L	7.8	10.4	380	19	97	19.5
SEGX72525020MR L	9.7	13.0	380	23	121	24.3
SEGX72530020MR L	11.6	15.5	380	27	145	29
SEGX72535020MR L	13.6	18.2	380	32	170	34
SEGX72540020MR L	15.5	20.8	380	36	194	38.8
SEGX73515020MR L	8.0	10.7	380	21	72	14.5
SEGX73520020MR L	10.7	14.4	380	27	97	19.5
SEGX73525020MR L	13.4	17.9	380	33	121	24.3
SEGX73530020MR L	16.0	21.5	380	40	145	29
SEGX73535020MR L	18.7	25.1	380	45	170	34
SEGX73540020MR L	21.4	28.7	380	51	194	38.8
SEGX74515020MR L	10.4	13.9	380	25	72	14.5
SEGX74520020MR L	13.9	18.6	380	33	97	19.5
SEGX74525020MR L	17.3	23.2	380	40	121	24.3
SEGX74530020MR L	20.7	27.8	380	48	145	29



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SEGX74535020MR L	24.2	32.5	380	56	170	34
SEGX74540020MR L	27.6	37.0	380	60	194	38.8

APPLICABLE REQUIREMENTS

Standards Used	Description
CSA C22.2 No. 100-14 - Seventh Edition - Including Update No 1:April 2017	Motors and generators
ANSI/UL 1004-1-2020 - Second Edition	UL Standard for Safety Rotating Electrical Machines - General Requirements - Including revision through November 5, 2020
CSA B44.1:19/ASME A17.5-2019 - Sixth Edition; Errata: April 2019	Elevator and escalator electrical equipment - Sixth Edition; Errata: April 2019

Conditions Of Acceptability

1. Certified only as a component of other certified equipment, where the suitability of the combination is to be determined.
2. These motors are intended for installation in elevator machine rooms where access by the public is restricted.
- 3.

Model(s)	Electrical Rating (Applicable only for MRL model)
Fan circuit	230Vac, maximum 56W
Brake Coil Circuit	Hold voltage 104Vdc, maximum coil power 63W Hold voltage 207Vdc, maximum coil power 179W



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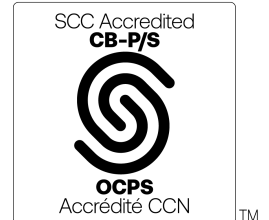
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Notes:

Products certified under Class(es) C241101, C241181 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80249879	2026-03-31	Original cCSAus Certification of Synchronous permanent magnet elevator traction machine, Model SEG-X7 Series Rated 40% ED, three phases, 210/380 V, 4.5/48.5Hz, 14/80A, 5.8/34.6kW, 7.8/46.4HP, Class F insulation, maximum ambient 40°C, with brake coils.