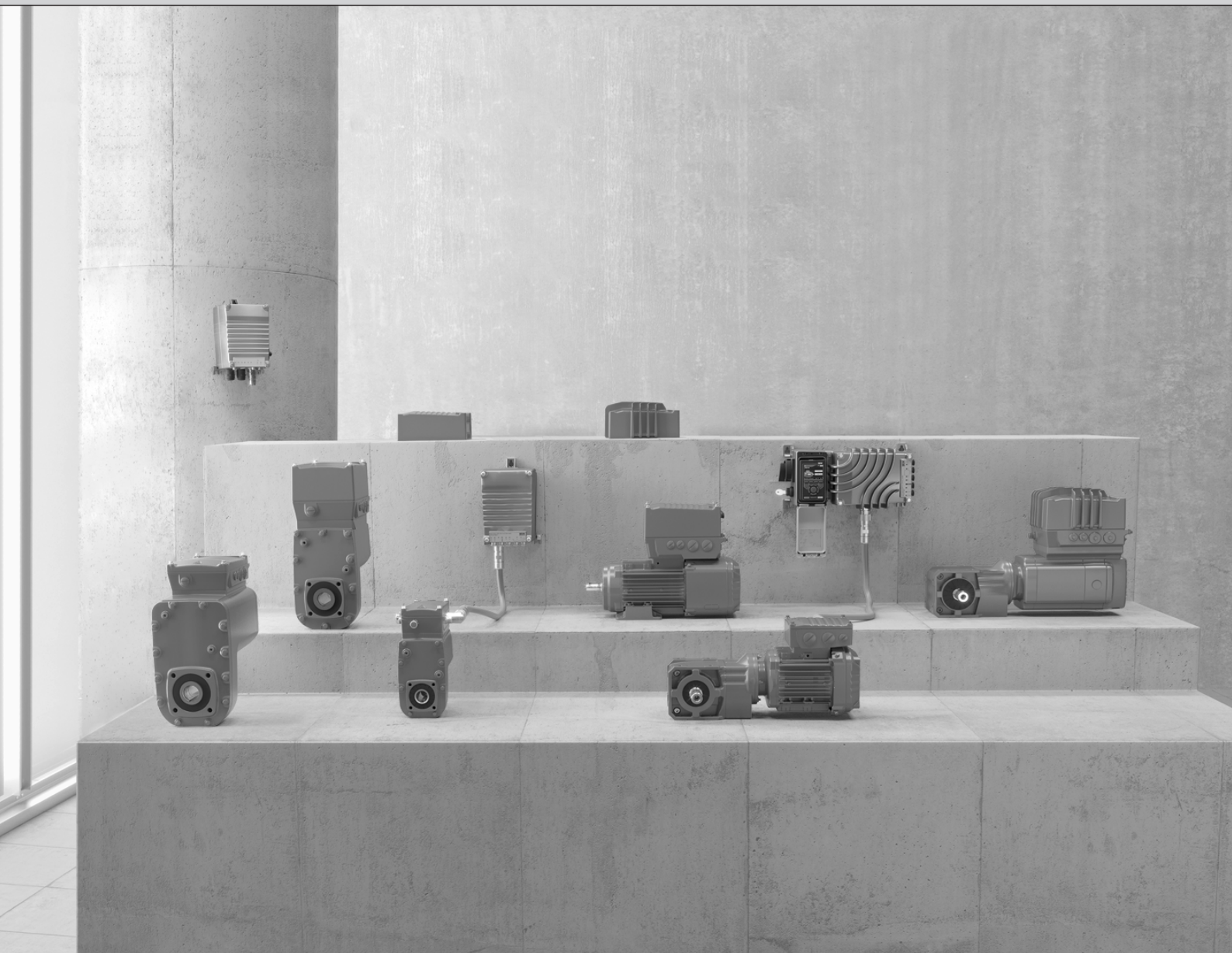




Addendum to the Operating Instructions



MOVI-C® Modular Automation System for Decentralized Installations **MOVI-C® Electronics Cover**

Information about the EU Ecodesign Regulation 2019/1781 and the UK Ecodesign Regulations (S.I. 2010 No. 2617 and S.I. 2021 No. 745)



Table of contents

1	Content of this document	4
1.1	Year of manufacture	4
2	Inverter data	5
2.1	Connection voltage 380 V – 500 V	5
2.1.1	MOVI-C® electronics cover - D...A-0025 - 0032-...-A-...-.../...	5
2.1.2	MOVI-C® electronics cover - D...A-0040 - 0055-...-A-...-.../...	6
2.1.3	MOVI-C® electronics cover - D...A-0070 - 0095-...-A-...-.../...	7
2.1.4	MOVI-C® electronics cover - D...A-0125 - 0160-...-A-...-.../...	8

1 Content of this document

This document contains a list of points stipulated by the EU Ecodesign Regulation 2019/1781 and by the UK Ecodesign Regulations (S.I. 2010 No. 2617 and S.I. 2021 No. 745) for the inverter series.

These points are:

(1)	Power loss in % of the apparent output power S_N Standby losses (W, %)
(2)	Efficiency level according to IEC 61800-9-2
(3)	Manufacturer's name or trademark, commercial registration number, and address
(4)	Model identifier of the product
(5)	Apparent output power or range of apparent output power (kVA)
(6)	Indicative motor rated output power P_N (kW)
(7)	Nominal output current (A)
(8)	Maximum operating temperature (°C)
(9)	Rated supply frequency (Hz)
(10)	Nominal input voltage or range of nominal input voltage (V)

Point 1 first lists the power losses in percent of the rated apparent output power at the 8 operating points specified by the regulation, and second, standby losses for each device.

The operating points are indicated in the regulation with 2 numbers separated by a semicolon, such as "0;50". The first number is the relative motor stator frequency, the second number indicates the relative torque-producing current.

1.1 Year of manufacture

The year of manufacture is part of the serial number which is indicated on the system nameplate.

01.	1234567890	0001.	21
Sales Organization	Order number (10-digit)	Sequence number of the quantity (4-digit)	Final digits of the year of manufacture (2-digit)

For the case shown, the year of manufacture is 2021.

2 Inverter data

2.1 Connection voltage 380 V – 500 V

2.1.1 MOVI-C® electronics cover - D....A-0025 - 0032-...-A-...-.../...

Model identifier		MOVI-C® electronics cover		
Type		D....A-0025 - 0032-...-A-...-.../...		
Performance class		0020	0025	0032
(1) Power loss in % of the apparent output power	0;25	2.09	1.78	1.51
	0;50	2.22	1.91	1.65
	0;100	2.54	2.24	2.00
	50;25	2.13	1.82	1.55
	50;50	2.29	1.99	1.72
	50;100	2.67	2.38	2.14
	90;50	2.35	2.05	1.79
	90;100	2.80	2.51	2.27
(1) Power loss in standby	W	9.0	9.0	9.0
(2) Efficiency level according to IEC 61800-9-2		IE2		
(3) Manufacturer		SEW-EURODRIVE GmbH & Co KG RG Mannheim, HRB 230207 D-76646 Bruchsal		
(5) Apparent output power	kVA	1.39	1.73	2.22
(6) Indicative motor rated power output	kW	0.55	0.75	1.10
(7) Rated output current	A	2.00	2.50	3.20
(8) Maximum operating temperature	°C	60		
(9) Rated supply frequency	Hz	50 – 60 ±5%		
(10) Range of rated supply voltage	V	3 × 380 – 500		

2.1.2 MOVI-C® electronics cover - D....A-0040 - 0055-...-A-...-.../...

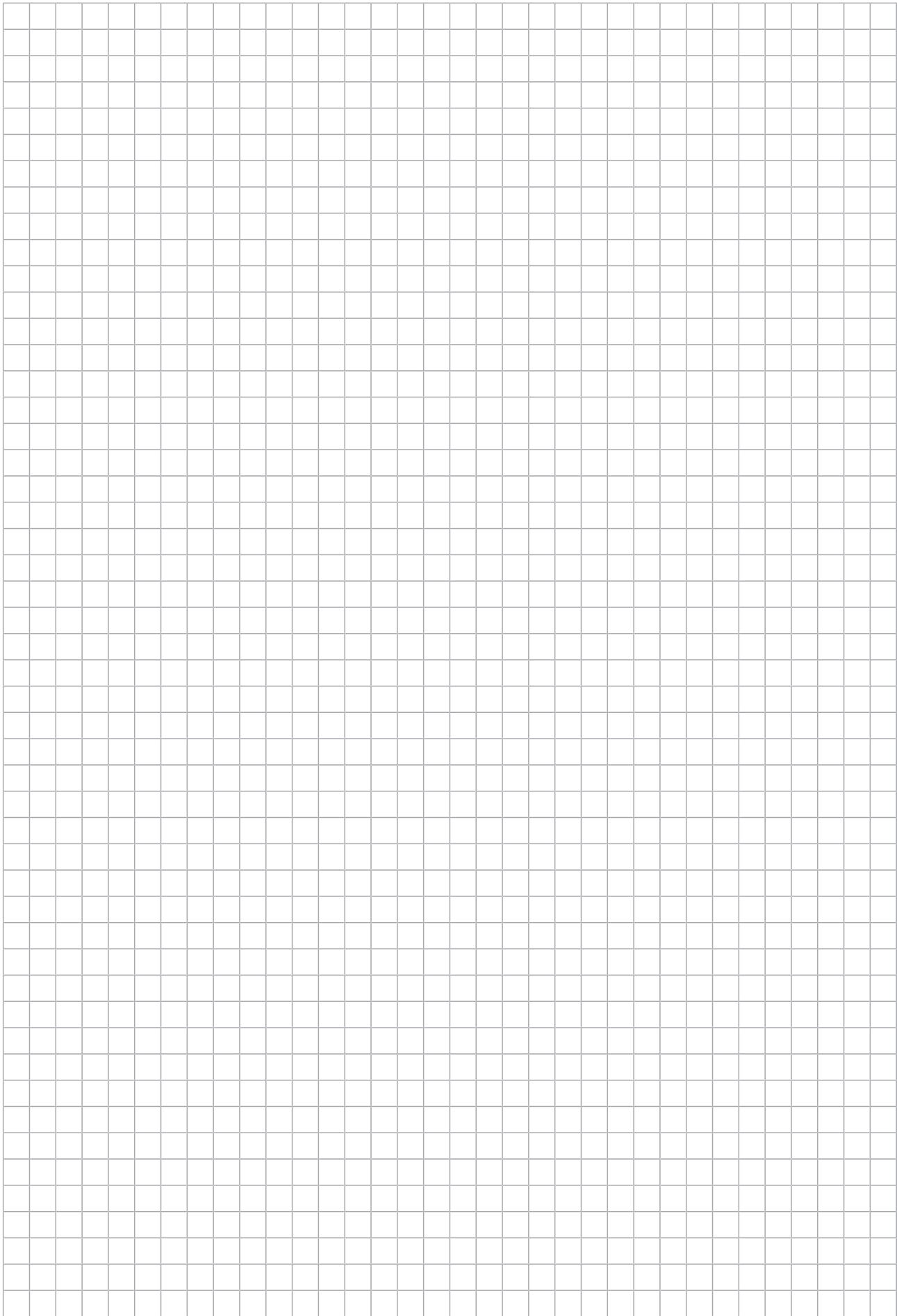
Model identifier		MOVI-C® electronics cover	
Type		D....A-0040 - 0055-...-A-...-.../...	
Performance class		0040	0055
(1) Power loss in % of the apparent output power	0;25	1.33	1.08
	0;50	1.47	1.29
	0;100	1.84	1.80
	50;25	1.36	1.11
	50;50	1.54	1.36
	50;100	1.98	1.95
	90;50	1.61	1.43
	90;100	2.12	2.09
(1) Power loss in standby	W	9.0	9.0
(2) Efficiency level according to IEC 61800-9-2		IE2	
(3) Manufacturer		SEW-EURODRIVE GmbH & Co KG RG Mannheim, HRB 230207 D-76646 Bruchsal	
(5) Apparent output power	kVA	2.77	3.81
(6) Indicative motor rated power output	kW	1.50	2.20
(7) Rated output current	A	4.00	5.50
(8) Maximum operating temperature	°C	60	
(9) Rated supply frequency	Hz	50 – 60 ±5%	
(10) Range of rated supply voltage	V	3 × 380 – 500	

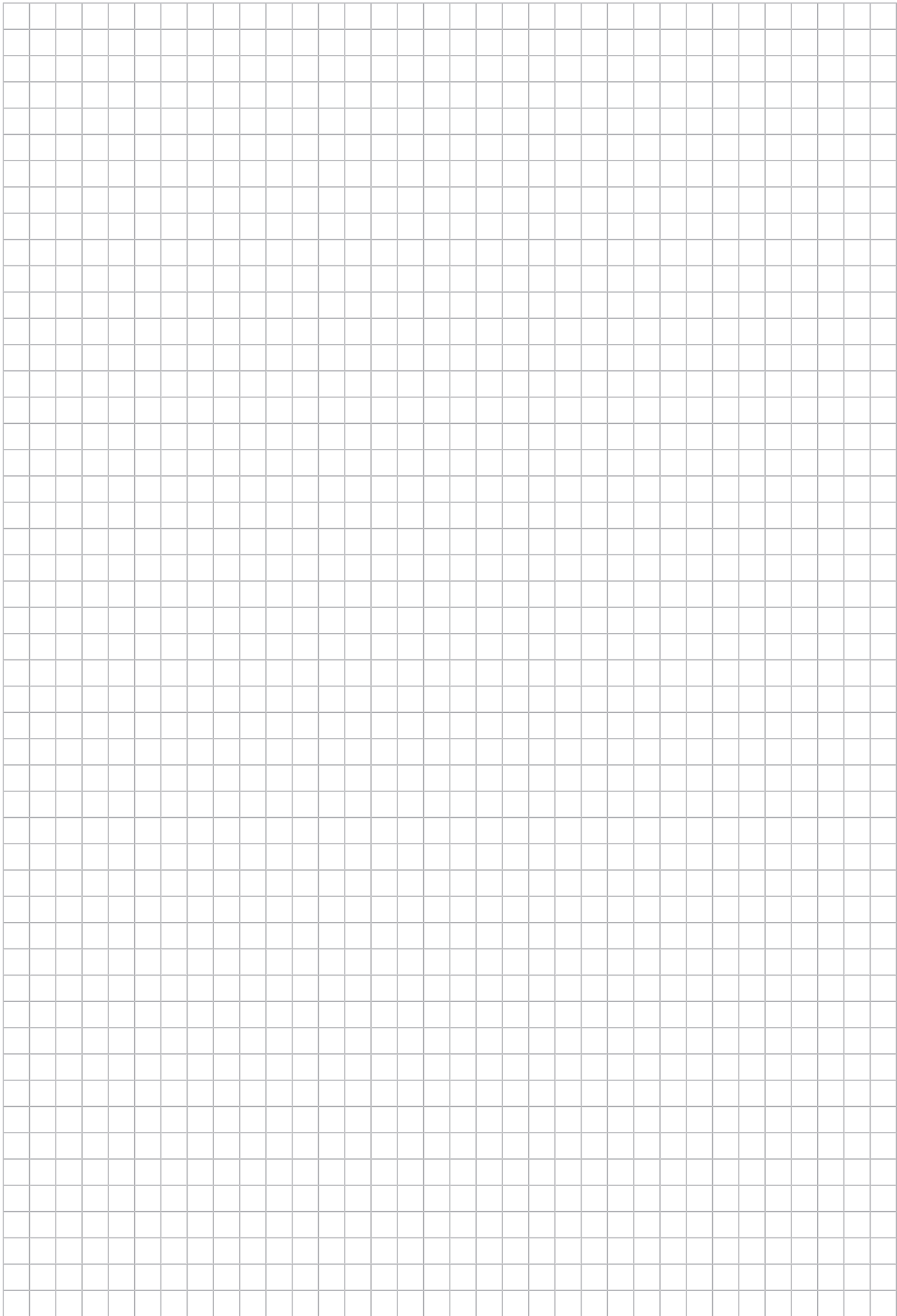
2.1.3 MOVI-C® electronics cover - D....A-0070 - 0095-...-A-...-.../...

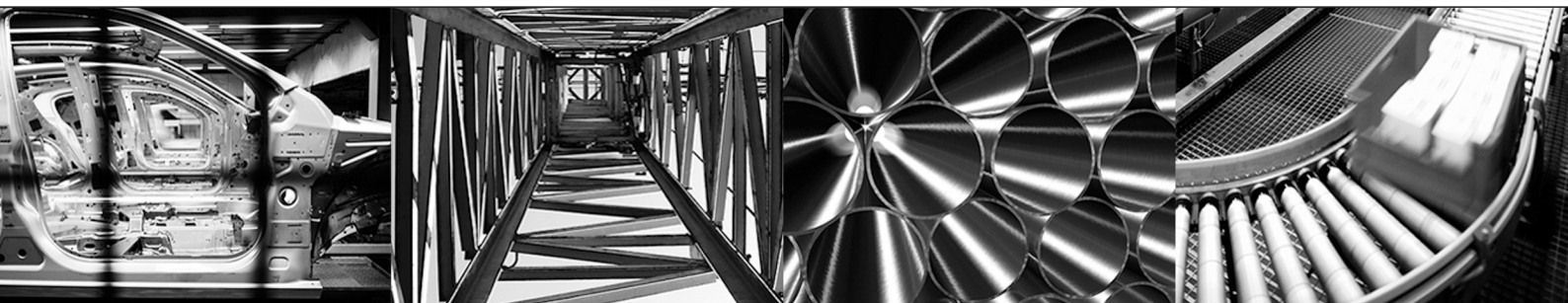
Model identifier		MOVI-C® electronics cover	
Type		D....A-0070 - 0095-...-A-...-.../...	
Performance class		0070	0095
(1) Power loss in % of the apparent output power	0;25	1.02	0.95
	0;50	1.20	1.14
	0;100	1.62	1.58
	50;25	1.05	0.98
	50;50	1.26	1.20
	50;100	1.74	1.70
	90;50	1.31	1.26
	90;100	1.85	1.82
(1) Power loss in standby	W	10.0	10.0
(2) Efficiency level according to IEC 61800-9-2		IE2	
(3) Manufacturer		SEW-EURODRIVE GmbH & Co KG RG Mannheim, HRB 230207 D-76646 Bruchsal	
(5) Apparent output power	kVA	4.85	6.58
(6) Indicative motor rated power output	kW	3.00	4.00
(7) Rated output current	A	7.00	9.50
(8) Maximum operating temperature	°C	60	
(9) Rated supply frequency	Hz	50 – 60 ±5%	
(10) Range of rated supply voltage	V	3 × 380 – 500	

2.1.4 MOVI-C® electronics cover - D....A-0125 - 0160-...-A-...-.../...

Model identifier		MOVI-C® electronics cover	
Type		D....A-0125 - 0160-...-A-...-.../...	
Performance class		0125	0160
(1) Power loss in % of the apparent output power	0;25	0.87	0.78
	0;50	1.03	0.94
	0;100	1.49	1.44
	50;25	0.90	0.81
	50;50	1.09	1.00
	50;100	1.63	1.58
	90;50	1.14	1.06
	90;100	1.76	1.72
(1) Power loss in standby	W	10.0	10.0
(2) Efficiency level according to IEC 61800-9-2		IE2	
(3) Manufacturer		SEW-EURODRIVE GmbH & Co KG RG Mannheim, HRB 230207 D-76646 Bruchsal	
(5) Apparent output power	kVA	8.66	11.09
(6) Indicative motor rated power output	kW	5.50	7.50
(7) Rated output current	A	12.50	16.00
(8) Maximum operating temperature	°C	60	
(9) Rated supply frequency	Hz	50 – 60 ±5%	
(10) Range of rated supply voltage	V	3 × 380 – 500	









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