



Addendum to the Operating Instructions



MOVITRAC® LTP-B

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 according to regulation 2019/1781..... 5**

2.1 Connection voltage 3 × AC 500 V – 600 V (IP20) 5

2.2 Connection voltage 3 × AC 380 V – 480 V (IP20) 7

2.3 Connection voltage 3 × AC 200 V – 240 V (IP20) 9

2.4 Connection voltage 3 × AC 500 V – 600 V (IP66) 11

2.5 Connection voltage 3 × AC 380 V – 480 V (IP66) 14

2.6 Connection voltage 3 × AC 200 V – 240 V (IP66) 17

2.7 Connection voltage 3 × AC 500 V – 600 V (IP55) 20

2.8 Connection voltage 3 × AC 380 V – 480 V (IP55) 23

2.9 Connection voltage 3 × AC 200 V – 240 V (IP55) 28

31979300/EN – 11/2024

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 14-digit serial number which is indicated on the system nameplate.

102	12345678901
1st and 3rd digit: Month 2nd digit: Year	Remainder of the serial number

For the case shown, the date of manufacture is 12/2020.

2 Inverter data according to regulation 2019/1781

2.1 Connection voltage 3 × AC 500 V – 600 V (IP20)

2.1.1 MCLTP-B 0008 – 0055-603-4-00

Model identifier	MOVITRAC® LTP-B					
Type	MCLTP-B-0008 – 0055-603-4-00					
Performance class		0008	0015	0022	0040	0055
(1) Power loss in % of the apparent output power	0;25	22.9	20.1	19.4	23.5	24.1
	0;50	25.6	24.8	16.9	18.3	18.3
	0;100	28.0	15.7	13.4	15.3	12.7
	50;25	11.9	11.6	6.6	12.4	9.9
	50;50	7.4	7.3	5.6	6.8	5.8
	50;100	7.7	4.8	4.2	4.7	4.1
	90;50	4.7	4.6	3.4	4.2	3.4
	90;100	4.8	3.1	2.8	3.0	2.7
(1) Power loss in standby	W	14	14	14	14	14
	%	0.6	0.4	0.3	0.2	0.2
(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	2.1	3.1	4.1	6.5	9.0
(6) Indicative motor rated power output	kW	0.75	1.5	2.2	4	5.5
(7) Rated output current	A	2.1	3.1	4.1	6.5	9
(8) Maximum operating temperature	°C	60				
(9) Rated supply frequency	Hz	50 – 60 ± 5 %				
(10) Range of rated supply voltage	V	3 × 500 – 600				

2.1.2 MCLTP-B 0075 – 0150-603-4-00

Model identifier	MOVITRAC® LTP-B			
Type	MCLTP-B-0075 – 0150-603-4-00			
Performance class		0075	0110	0150
(1) Power loss in % of the apparent output power	0;25	24.1	11.7	18.2
	0;50	12.9	8.9	16.2
	0;100	8.0	7.0	14.7
	50;25	9.9	2.4	5.1
	50;50	3.5	2.8	4.3
	50;100	2.7	2.5	3.8
	90;50	2.3	1.9	2.7
	90;100	1.8	1.8	2.4
(1) Power loss in standby	W	16	16	16
	%	0.1	0.1	0.1
(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	12.0	16.9	21.9
(6) Indicative motor rated power output	kW	7.5	11	15
(7) Rated output current	A	12	17	22
(8) Maximum operating temperature	°C	60		
(9) Rated supply frequency	Hz	50 – 60 ± 5 %		
(10) Range of rated supply voltage	V	3 × 500 – 600		

2.2 Connection voltage 3 × AC 380 V – 480 V (IP20)**2.2.1 MCLTP-B 0008 – 0040-5A3-4-00**

Model identifier	MOVITRAC® LTP-B				
Type	MCLTP-B-0008 – 0040-5A3-4-00				
Performance class		0008	0015	0022	0040
(1) Power loss in % of the apparent output power	0;25	15.9	18.1	11.2	14.6
	0;50	17.4	14.8	11.6	17.2
	0;100	18.1	12.4	12.0	10.7
	50;25	7.9	5.8	3.9	6.4
	50;50	7.7	5.1	3.8	4.5
	50;100	4.7	4.2	3.6	3.9
	90;50	5.6	3.1	2.6	3.1
	90;100	3.5	2.7	2.7	2.8
(1) Power loss in standby	W	10	10	10	10
	%	0.7	0.4	0.3	0.2
(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	1.5	2.8	4.0	6.6
(6) Indicative motor rated power output	kW	0.75	1.5	2.2	4
(7) Rated output current	A	2.2	4.1	5.8	9.5
(8) Maximum operating temperature	°C	60			
(9) Rated supply frequency	Hz	50 – 60 ± 5 %			
(10) Range of rated supply voltage	V	3 × 380 – 480			

2.2.2 MCLTP-B 0055 – 0110-5A3-4-00

Model identifier	MOVITRAC® LTP-B			
Type	MC LTP-B-0055 – 0110-5A3-4-00			
Performance class		0055	0075	0110
(1) Power loss in % of the apparent output power	0;25	11.5	11.4	12.1
	0;50	11.1	11.1	14.8
	0;100	12.1	12.6	12.8
	50;25	3.6	3.5	3.5
	50;50	3.5	3.4	3.5
	50;100	2.6	23.7	4.1
	90;50	2.4	2.4	2.6
	90;100	2.6	2.7	3.0
(1) Power loss in standby	W	11	11	11
	%	0.1	0.1	0.1
(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	9.7	12.5	16.6
(6) Indicative motor rated power output	kW	5.5	7.5	11
(7) Rated output current	A	14	18	24
(8) Maximum operating temperature	°C	60		
(9) Rated supply frequency	Hz	50 – 60 ± 5 %		
(10) Range of rated supply voltage	V	3 × 380 – 480		

2.3 Connection voltage 3 × AC 200 V – 240 V (IP20)

2.3.1 MCLTP-B 0008 – 0022-2A3-4-00

Model identifier	MOVITRAC® LTP-B			
Type	MCLTP-B-0008 – 0022-2A3-4-00			
Performance class		0008	0015	0022
(1) Power loss in % of the apparent output power	0;25	25.6	16.0	13.7
	0;50	21.7	14.6	13.5
	0;100	22.0	13.3	12.3
	50;25	8.8	5.3	4.6
	50;50	7.7	4.8	4.5
	50;100	6.2	4.6	4.7
	90;50	4.7	3.3	3.2
	90;100	4.1	3.2	3.4
(1) Power loss in standby	W	8	8	8
	%	0.5	0.3	0.2
(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	1.7	2.8	4.2
(6) Indicative motor rated power output	kW	0.75	1.5	2.2
(7) Rated output current	A	4.3	7	10.5
(8) Maximum operating temperature	°C	60		
(9) Rated supply frequency	Hz	50 – 60 ± 5 %		
(10) Range of rated supply voltage	V	3 × 200 – 240		

2.3.2 MCLTP-B 0040 – 0055-2A3-4-00

Model identifier	MOVITRAC® LTP-B		
Type	MCLTP-B-0040 – 0055-2A3-4-00		
Performance class		0040	0055
(1) Power loss in % of the apparent output power	0;25	16.1	16.0
	0;50	15.8	16.2
	0;100	16.9	17.1
	50;25	4.9	4.8
	50;50	4.8	4.9
	50;100	4.9	5.3
	90;50	3.0	3.2
	90;100	3.0	3.4
(1) Power loss in standby	W	8	8
	%	0.1	0.1
(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	7.2	9.6
(6) Indicative motor rated power output	kW	4	5.5
(7) Rated output current	A	18	24
(8) Maximum operating temperature	°C	60	
(9) Rated supply frequency	Hz	50 – 60 ± 5 %	
(10) Range of rated supply voltage	V	3 × 200 – 240	

2.4 Connection voltage 3 × AC 500 V – 600 V (IP66)

2.4.1 MCLTP-B 0008 – 0055-603-4-30, MCLTP-B 0008 – 0055-603-4-40

Model identifier	MOVITRAC® LTP-B					
Type	MCLTP-B-0008 – 0055-603-4-30 MCLTP-B-0008 – 0055-603-4-40					
Performance class		0008	0015	0022	0040	0055
(1) Power loss in % of the apparent output power	0;25	23.20	22.60	30.80	25.40	23.50
	0;50	26.10	11.40	25.50	20.70	18.50
	0;100	17.90	17.70	19.50	17.50	12.90
	50;25	30.74	32.90	10.60	8.60	7.30
	50;50	27.25	6.70	7.80	6.20	5.20
	50;100	18.69	4.90	5.50	4.70	2.90
	90;50	17.10	5.00	4.50	3.50	3.00
	90;100	6.82	3.00	3.10	2.70	2.30
(1) Power loss in standby	W	15.1	15.1	13.5	13.4	12.7
	%	0.7	0.5	0.3	0.2	0.1
(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	2.1	3.1	4.1	6.5	9.0
(6) Indicative motor rated power output	kW	0.75	1.5	2.2	4	5.5
(7) Rated output current	A	2.1	3.1	4.1	6.5	9
(8) Maximum operating temperature	°C	50				
(9) Rated supply frequency	Hz	50 – 60 ± 5 %				
(10) Range of rated supply voltage	V	3 × 500 – 600				

2.4.2 MCLTP-B 0075 – 0150-603-4-30, MCLTP-B 0075 – 0150-603-4-40

Model identifier	MOVITRAC® LTP-B			
Type	MCLTP-B-0075 – 0150-603-4-30 MCLTP-B-0075 – 0150-603-4-40			
Performance class		0075	0110	0150
(1) Power loss in % of the apparent output power	0;25	16.00	22.30	26.90
	0;50	13.30	18.60	18.20
	0;100	8.20	15.10	15.30
	50;25	4.90	6.80	9.50
	50;50	3.80	5.30	5.50
	50;100	3.10	4.30	4.20
	90;50	2.40	2.10	3.40
	90;100	2.70	2.50	2.50
(1) Power loss in standby	W	13.2	13.2	13.2
	%	0.1	0.1	0.1
(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	12.0	16.9	21.9
(6) Indicative motor rated power output	kW	7.5	11	15
(7) Rated output current	A	12	17	22
(8) Maximum operating temperature	°C	50		
(9) Rated supply frequency	Hz	50 – 60 ± 5 %		
(10) Range of rated supply voltage	V	3 × 500 – 600		

2.4.3 MCLTP-B 0185 – 0300-603-4-30, MCLTP-B 0185 – 0300-603-4-40

Model identifier	MOVITRAC® LTP-B			
Type	MCLTP-B-0185 – 0300-603-4-30 MCLTP-B-0185 – 0300-603-4-40			
Performance class		0185	0220	0300
(1) Power loss in % of the apparent output power	0;25	14.20	9.54	0.7
	0;50	10.80	8.19	0.9
	0;100	8.79	7.21	1.4
	50;25	9.31	5.25	0.7
	50;50	6.20	4.44	0.9
	50;100	4.77	3.89	1.5
	90;50	3.93	2.74	1.0
	90;100	2.50	2.50	1.6
(1) Power loss in standby	W	20	20	20
	%	0.1	0.1	0.1
(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	27.9	33.9	42.8
(6) Indicative motor rated power output	kW	18.5	22	30
(7) Rated output current	A	28	34	43
(8) Maximum operating temperature	°C	50		
(9) Rated supply frequency	Hz	50 – 60 ± 5 %		
(10) Range of rated supply voltage	V	3 × 500 – 600		

2.5 Connection voltage 3 × AC 380 V – 480 V (IP66)**2.5.1 MCLTP-B 0008 – 0040-5A3-4-30, MCLTP-B 0008 – 0040-5A3-4-40**

Model identifier	MOVITRAC® LTP-B				
Type	MCLTP-B-0008 – 0040-5A3-4-30 MCLTP-B-0008 – 0040-5A3-4-40				
Performance class		0008	0015	0022	0040
(1) Power loss in % of the apparent output power	0;25	25.98	18.44	37.50	13.01
	0;50	50.20	37.30	20.80	10.37
	0;100	11.80	20.70	17.10	8.62
	50;25	19.15	12.86	11.00	9.80
	50;50	43.50	27.50	7.50	8.80
	50;100	4.70	7.50	90.55	7.70
	90;50	34.30	4.92	4.90	3.10
	90;100	5.80	4.80	3.40	2.70
(1) Power loss in standby	W	10.8	10.8	10.8	10.8
	%	0.7	0.4	0.3	0.2
(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	1.5	2.8	4.0	6.6
(6) Indicative motor rated power output	kW	0.75	1.5	2.2	4
(7) Rated output current	A	2.2	4.1	5.8	9.5
(8) Maximum operating temperature	°C	50			
(9) Rated supply frequency	Hz	50 – 60 ± 5 %			
(10) Range of rated supply voltage	V	3 × 380 – 480			

2.5.2 MCLTP-B 0055 – 0110-5A3-4-30, MCLTP-B 0055 – 0110-5A3-4-40

Model identifier	MOVITRAC® LTP-B			
Type	MCLTP-B-0055 – 0110-5A3-4-30 MCLTP-B-0055 – 0110-5A3-4-40			
Performance class		0055	0075	0110
(1) Power loss in % of the apparent output power	0;25	21.70	19.60	24.10
	0;50	18.80	17.70	19.40
	0;100	19.30	20.10	17.90
	50;25	9.60	8.70	7.20
	50;50	6.30	5.90	6.80
	50;100	4.80	4.60	4.80
	90;50	4.10	3.80	4.30
	90;100	3.00	3.00	3.10
(1) Power loss in standby	W	12.6	12.6	12.6
	%	0.1	0.1	0.1
(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	9.7	12.5	17.3
(6) Indicative motor rated power output	kW	5.5	7.5	11
(7) Rated output current	A	14	18	25
(8) Maximum operating temperature	°C	50		
(9) Rated supply frequency	Hz	50 – 60 ± 5 %		
(10) Range of rated supply voltage	V	3 × 380 – 480		

2.5.3 MCLTP-B 0150 – 0220-5A3-4-30, MCLTP-B 0150 – 0220-5A3-4-40

Model identifier	MOVITRAC® LTP-B			
Type	MCLTP-B-0150 – 0220-5A3-4-30 MCLTP-B-0150 – 0220-5A3-4-40			
Performance class		0150	0185	0220
(1) Power loss in % of the apparent output power	0;25	11.16	10.45	37.37
	0;50	8.98	8.61	16.88
	0;100	7.97	7.98	14.91
	50;25	7.33	5.28	17.00
	50;50	5.26	5.01	5.43
	50;100	4.46	4.55	3.91
	90;50	3.49	3.30	3.54
	90;100	2.90	2.70	2.50
(1) Power loss in standby	W	10	10	10
	%	0.1	0.0	0.0
(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	20.8	27.0	31.9
(6) Indicative motor rated power output	kW	15	18.5	22
(7) Rated output current	A	30	39	46
(8) Maximum operating temperature	°C	50		
(9) Rated supply frequency	Hz	50 – 60 ± 5 %		
(10) Range of rated supply voltage	V	3 × 380 – 480		

2.6 Connection voltage 3 × AC 200 V – 240 V (IP66)

2.6.1 MCLTP-B 0008 – 0022-2A3-4-30, MCLTP-B 0008 – 0022-2A3-4-40

Model identifier	MOVITRAC® LTP-B			
Type	MCLTP-B-0008 – 0022-2A3-4-30 MCLTP-B-0008 – 0022-2A3-4-40			
Performance class		0008	0015	0022
(1) Power loss in % of the apparent output power	0;25	25.10	19.70	14.10
	0;50	21.00	18.10	14.60
	0;100	22.30	16.30	13.10
	50;25	8.70	8.10	10.70
	50;50	9.50	6.30	8.00
	50;100	6.20	5.30	5.60
	90;50	5.90	4.10	5.50
	90;100	3.90	3.50	3.80
(1) Power loss in standby	W	9	8.9	9
	%	0.5	0.3	0.2
(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	1.7	2.8	4.2
(6) Indicative motor rated power output	kW	0.75	1.5	2.2
(7) Rated output current	A	4.3	7	10.5
(8) Maximum operating temperature	°C	50		
(9) Rated supply frequency	Hz	50 – 60 ± 5 %		
(10) Range of rated supply voltage	V	3 × 200 – 240		

2.6.2 MCLTP-B 0030 – 0055-2A3-4-30, MCLTP-B 0030 – 0055-2A3-4-40

Model identifier	MOVITRAC® LTP-B			
Type	MCLTP-B-0030 – 0055-2A3-4-30 MCLTP-B-0030 – 0055-2A3-4-40			
Performance class		0030	0040	0055
(1) Power loss in % of the apparent output power	0;25	20.50	20.50	16.80
	0;50	19.30	19.30	17.50
	0;100	17.90	17.90	15.20
	50;25	8.10	8.10	5.30
	50;50	7.90	7.90	5.20
	50;100	5.60	5.60	5.30
	90;50	5.40	5.40	3.50
	90;100	3.80	3.80	3.70
(1) Power loss in standby	W	8.5	8.5	8.5
	%	0.2	0.1	0.1
(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	5.6	7.2	9.6
(6) Indicative motor rated power output	kW	3	4	5.5
(7) Rated output current	A	14	18	24
(8) Maximum operating temperature	°C	50		
(9) Rated supply frequency	Hz	50 – 60 ± 5 %		
(10) Range of rated supply voltage	V	3 × 200 – 240		

2.6.3 MCLTP-B 0075 – 0110-2A3-4-30, MCLTP-B 0075 – 0110-2A3-4-40

Model identifier	MOVITRAC® LTP-B		
Type	MCLTP-B-0075 – 0110-2A3-4-30 MCLTP-B-0075 – 0110-2A3-4-40		
Performance class		0075	0110
(1) Power loss in % of the apparent output power	0;25	16.80	18.30
	0;50	17.50	17.30
	0;100	15.20	19.10
	50;25	5.30	5.00
	50;50	5.20	4.70
	50;100	5.30	4.70
	90;50	3.50	2.99
	90;100	3.50	3.20
(1) Power loss in standby	W	8.5	11.2
	%	0.1	0.1
(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	12.0	18.3
(6) Indicative motor rated power output	kW	7.5	11
(7) Rated output current	A	30	46
(8) Maximum operating temperature	°C	50	
(9) Rated supply frequency	Hz	50 – 60 ± 5 %	
(10) Range of rated supply voltage	V	3 × 200 – 240	

2.7 Connection voltage 3 × AC 500 V – 600 V (IP55)**2.7.1 MCLTP-B 0150 – 0300-603-4-10**

Model identifier	MOVITRAC® LTP-B				
Type	MCLTP-B-0150 – 0300-603-4-10				
Performance class		0150	0185	0220	0300
(1) Power loss in % of the apparent output power	0;25	16.53	39.80	19.00	11.40
	0;50	14.51	14.00	11.70	9.80
	0;100	10.00	10.10	9.80	9.90
	50;25	4.63	5.90	4.30	3.30
	50;50	3.97	3.60	3.30	2.90
	50;100	3.42	2.80	2.90	3.00
	90;50	2.50	2.30	2.10	2.00
	90;100	2.26	1.90	1.90	2.00
(1) Power loss in standby	W	22	22	22	22
	%	0.1	0.1	0.1	0.1
(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	21.9	27.9	33.9	42.8
(6) Indicative motor rated power output	kW	15	18.5	22	30
(7) Rated output current	A	22	28	34	43
(8) Maximum operating temperature	°C	50			
(9) Rated supply frequency	Hz	50 – 60 ± 5 %			
(10) Range of rated supply voltage	V	3 × 500 – 600			

2.7.2 MCLTP-B 0370 – 0450-603-4-10

Model identifier	MOVITRAC® LTP-B		
Type	MCLTP-B-0370 – 0450-603-4-10		
Performance class		0370	0450
(1) Power loss in % of the apparent output power	0;25	15.25	16.30
	0;50	13.49	11.80
	0;100	12.16	10.00
	50;25	4.05	3.60
	50;50	3.58	3.30
	50;100	3.23	2.90
	90;50	2.28	2.10
	90;100	2.17	2.10
(1) Power loss in standby	W	16	16
	%	0.0	0.0
(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	53.8	64.7
(6) Indicative motor rated power output	kW	37	45
(7) Rated output current	A	54	65
(8) Maximum operating temperature	°C	50	
(9) Rated supply frequency	Hz	50 – 60 ± 5 %	
(10) Range of rated supply voltage	V	3 × 500 – 600	

2.7.3 MCLTP-B 0550 – 1100-603-4-10

Model identifier	MOVITRAC® LTP-B				
Type	MCLTP-B-0550 – 1100-603-4-10				
Performance class		0550	0750	0900	1100
(1) Power loss in % of the apparent output power	0;25	9.80	17.50	21.20	25.90
	0;50	8.40	33.30	10.00	8.50
	0;100	7.40	8.50	8.20	2.50
	50;25	2.80	3.60	4.00	3.10
	50;50	2.40	3.30	2.60	2.50
	50;100	2.30	2.40	2.40	1.70
	90;50	1.70	2.20	1.80	8.40
	90;100	1.50	1.60	1.70	1.70
(1) Power loss in standby	W	24	24	24	24
	%	0.0	0.0	0.0	0.0
(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	77.7	104.6	129.5	149.4
(6) Indicative motor rated power output	kW	55	75	90	110
(7) Rated output current	A	78	105	130	150
(8) Maximum operating temperature	°C	50			
(9) Rated supply frequency	Hz	50 – 60 ± 5 %			
(10) Range of rated supply voltage	V	3 × 500 – 600			

2.8 Connection voltage 3 × AC 380 V – 480 V (IP55)

2.8.1 MCLTP-B 0110 – 0220-5A3-4-10

Model identifier	MOVITRAC® LTP-B				
Type	MCLTP-B-0110 – 0220-5A3-4-10				
Performance class		0110	0150	0185	0220
(1) Power loss in % of the apparent output power	0;25	18.20	13.90	13.30	12.00
	0;50	15.50	12.40	12.50	12.10
	0;100	12.70	12.10	12.50	12.80
	50;25	5.10	4.20	3.80	3.60
	50;50	4.10	3.60	3.50	3.50
	50;100	3.50	3.50	3.60	3.80
	90;50	2.60	2.30	2.40	2.30
	90;100	2.20	2.20	2.40	2.50
(1) Power loss in standby	W	17	16	16	16
	%	0.1	0.1	0.1	0.1
(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	16.6	20.8	27.0	31.9
(6) Indicative motor rated power output	kW	11	15	18.5	22
(7) Rated output current	A	24	30	39	46
(8) Maximum operating temperature	°C	50			
(9) Rated supply frequency	Hz	50 – 60 ± 5 %			
(10) Range of rated supply voltage	V	3 × 380 – 480			

2.8.2 MCLTP-B 0300 – 0370-5A3-4-10

Model identifier	MOVITRAC® LTP-B		
Type	MCLTP-B-0300 – 0370-5A3-4-10		
Performance class		0300	0370
(1) Power loss in % of the apparent output power	0;25	16.10	17.30
	0;50	13.30	14.00
	0;100	12.70	13.20
	50;25	4.90	8.50
	50;50	3.80	4.20
	50;100	3.60	4.00
	90;50	2.50	2.80
	90;100	2.60	2.80
(1) Power loss in standby	W	18	18
	%	0.0	0.0
(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	42.3	49.9
(6) Indicative motor rated power output	kW	30	37
(7) Rated output current	A	61	72
(8) Maximum operating temperature	°C	50	
(9) Rated supply frequency	Hz	50 – 60 ± 5 %	
(10) Range of rated supply voltage	V	3 × 380 – 480	

2.8.3 MCLTP-B 0450 – 0900-5A3-4-10

Model identifier	MOVITRAC® LTP-B				
Type	MCLTP-B-0450 – 0900-5A3-4-10				
Performance class		0450	0550	0750	0900
(1) Power loss in % of the apparent output power	0;25	16.00	27.20	24.20	25.40
	0;50	13.30	14.50	11.90	16.20
	0;100	11.60	11.70	11.90	15.80
	50;25	5.10	9.90	3.10	5.20
	50;50	3.60	4.50	3.10	3.80
	50;100	3.20	3.30	3.20	3.90
	90;50	2.40	2.90	2.10	2.40
	90;100	2.10	2.20	2.10	2.50
(1) Power loss in standby	W	31	31	31	31
	%	0.1	0.0	0.0	0.0
(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	62.4	76.2	103.9	124.7
(6) Indicative motor rated power output	kW	45	55	75	90
(7) Rated output current	A	90	110	150	180
(8) Maximum operating temperature	°C	50			
(9) Rated supply frequency	Hz	50 – 60 ± 5 %			
(10) Range of rated supply voltage	V	3 × 380 – 480			

2.8.4 MCLTP-B 1100 – 1600-5A3-4-10

Model identifier	MOVITRAC® LTP-B			
Type	MCLTP-B-1100 – 1600-5A3-4-10			
Performance class		1100	1320	1600
(1) Power loss in % of the apparent output power	0;25	10.30	9.20	12.10
	0;50	9.60	8.90	11.20
	0;100	10.30	11.30	11.50
	50;25	2.60	2.70	4.20
	50;50	2.70	2.70	3.20
	50;100	2.90	3.10	3.30
	90;50	1.80	1.90	2.30
	90;100	2.00	2.10	2.20
(1) Power loss in standby	W	38	38	38
	%	0.0	0.0	0.0
(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	139.9	166.3	209.2
(6) Indicative motor rated power output	kW	110	132	160
(7) Rated output current	A	202	240	302
(8) Maximum operating temperature	°C	50		
(9) Rated supply frequency	Hz	50 – 60 ± 5 %		
(10) Range of rated supply voltage	V	3 × 380 – 480		

2.8.5 MCLTP-B 2000 – 2500-5A3-4-10

Model identifier	MOVITRAC® LTP-B		
Type	MCLTP-B 2000 – 2500-5A3-4-10		
Performance class		2000	2500
(1) Power loss in % of the apparent output power	0;25	0.40	0.40
	0;50	0.60	0.60
	0;100	1.10	1.20
	50;25	0.40	0.40
	50;50	0.60	0.60
	50;100	1.20	1.30
	90;50	0.70	0.70
	90;100	1.50	1.60
(1) Power loss in standby	W	47	50
	%	0.02	
(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 out-put power	kVA	256	333
(6) Indicative mo-tor rated power output	kW	200	250
(7) Rated output current	A	370	480
(8) Maximum op-erating tempera-ture	°C	50	
(9) Rated supply frequency	Hz	50 – 60 ± 5 %	
(10) Range of rated supply voltage	V	3 × 380 – 480	

2.9 Connection voltage 3 × AC 200 V – 240 V (IP55)**2.9.1 MCLTP-B 0055 – 0110-2A3-4-10**

Model identifier	MOVITRAC® LTP-B			
Type	MCLTP-B-0055 – 0110-2A3-4-10			
Performance class		0055	0075	0110
(1) Power loss in % of the apparent output power	0;25	23.30	15.40	14.30
	0;50	16.70	15.20	15.20
	0;100	14.60	16.00	16.60
	50;25	7.20	4.90	4.80
	50;50	5.40	4.70	4.90
	50;100	4.70	5.00	5.30
	90;50	3.60	3.30	3.50
	90;100	3.30	3.50	3.80
(1) Power loss in standby	W	8	8	11
	%	0.1	0.1	0.1
(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	9.6	12.0	18.3
(6) Indicative motor rated power output	kW	5.5	7.5	11
(7) Rated output current	A	24	30	46
(8) Maximum operating temperature	°C	50		
(9) Rated supply frequency	Hz	50 – 60 ± 5 %		
(10) Range of rated supply voltage	V	3 × 200 – 240		

2.9.2 MCLTP-B 0150 – 0185-2A3-4-10

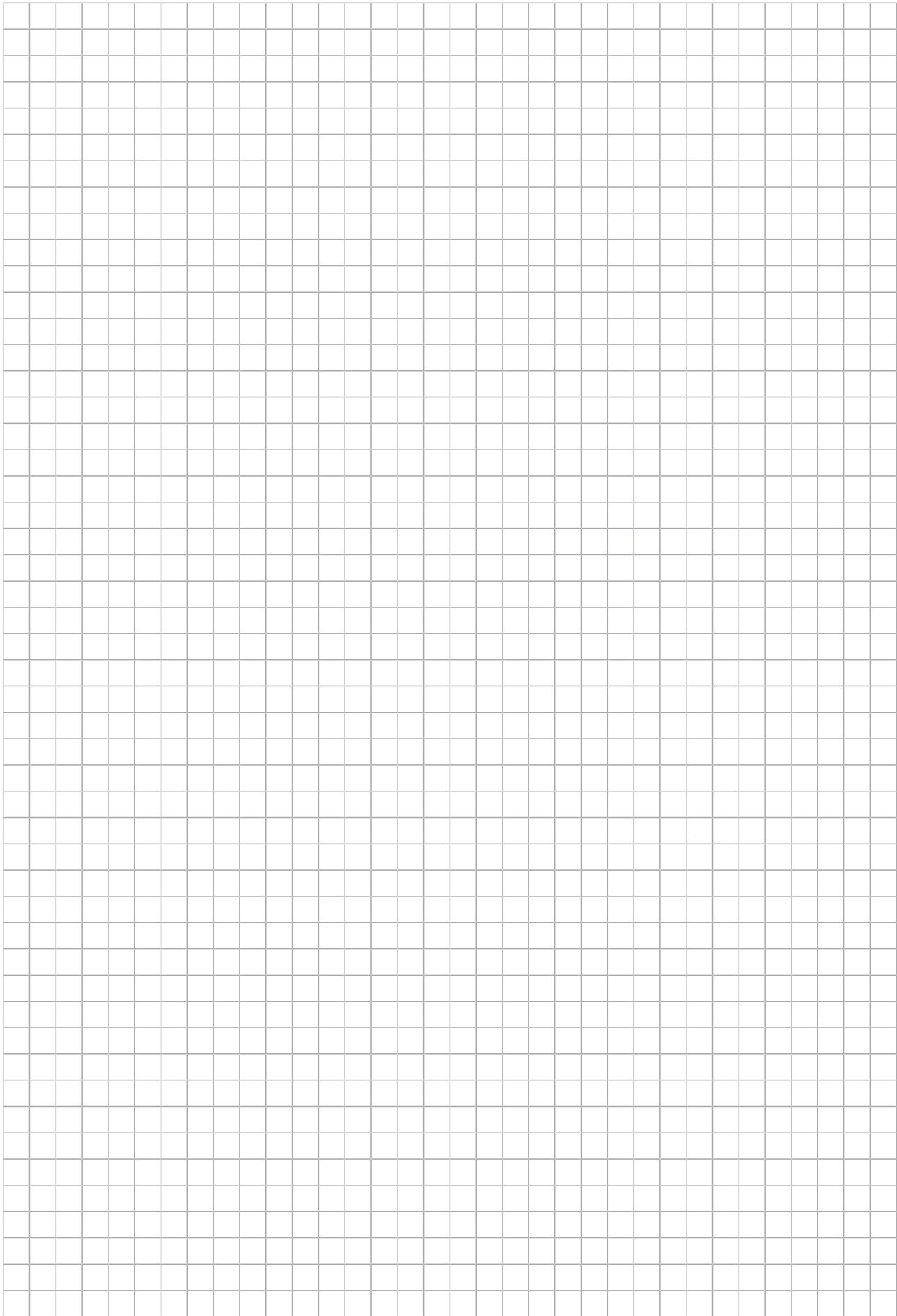
Model identifier	MOVITRAC® LTP-B		
Type	MCLTP-B-0150 – 0185-2A3-4-10		
Performance class		0150	0185
(1) Power loss in % of the apparent output power	0;25	15.80	15.30
	0;50	15.20	15.40
	0;100	16.40	18.10
	50;25	4.90	4.90
	50;50	4.70	4.90
	50;100	5.10	5.70
	90;50	3.20	3.40
	90;100	3.70	4.00
(1) Power loss in standby	W	11	12
	%	0.1	0.0
(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	24.3	28.7
(6) Indicative motor rated power output	kW	15	18.5
(7) Rated output current	A	61	72
(8) Maximum operating temperature	°C	50	
(9) Rated supply frequency	Hz	50 – 60 ± 5 %	
(10) Range of rated supply voltage	V	3 × 200 – 240	

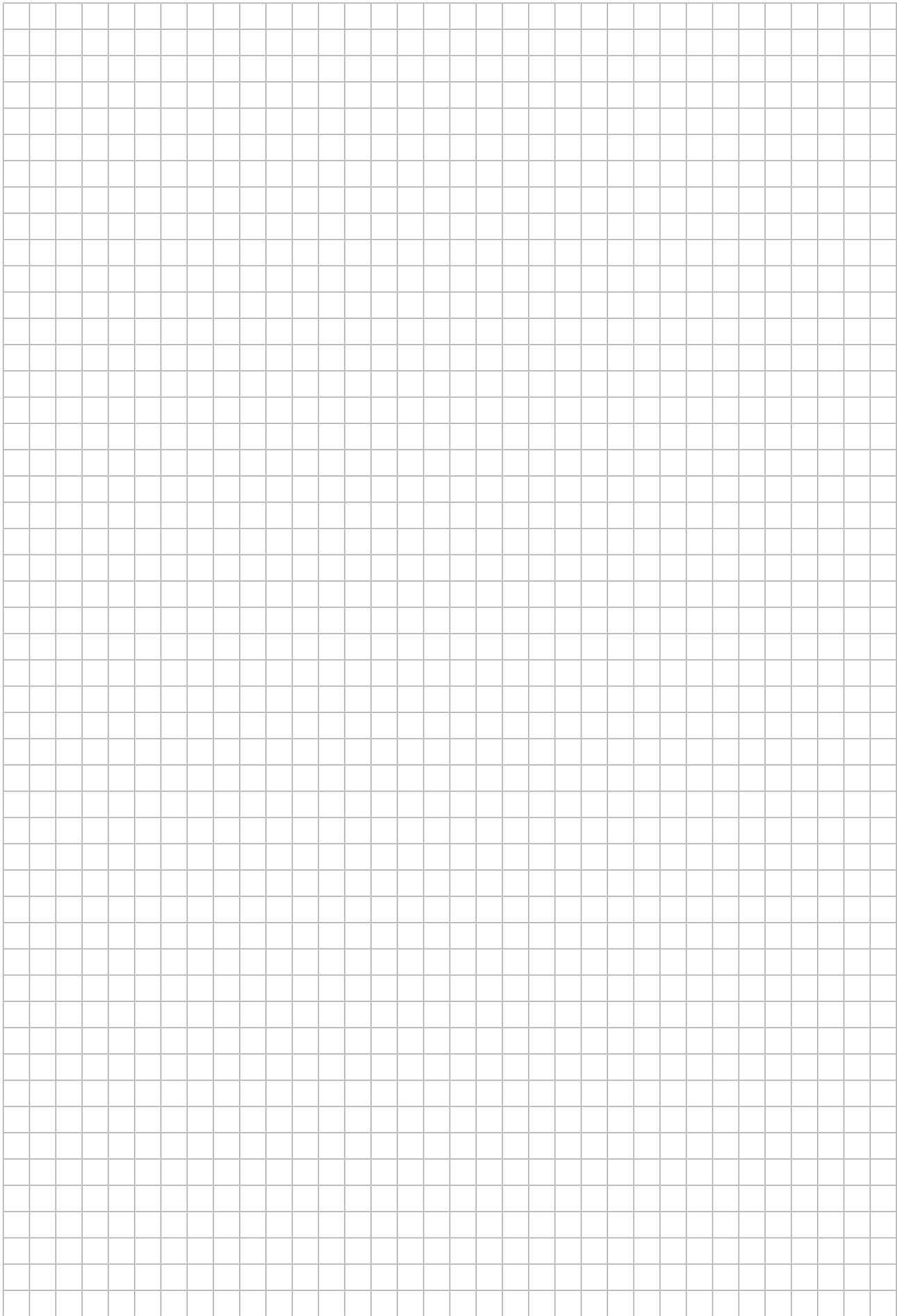
2.9.3 MCLTP-B 0220 – 0450-2A3-4-10

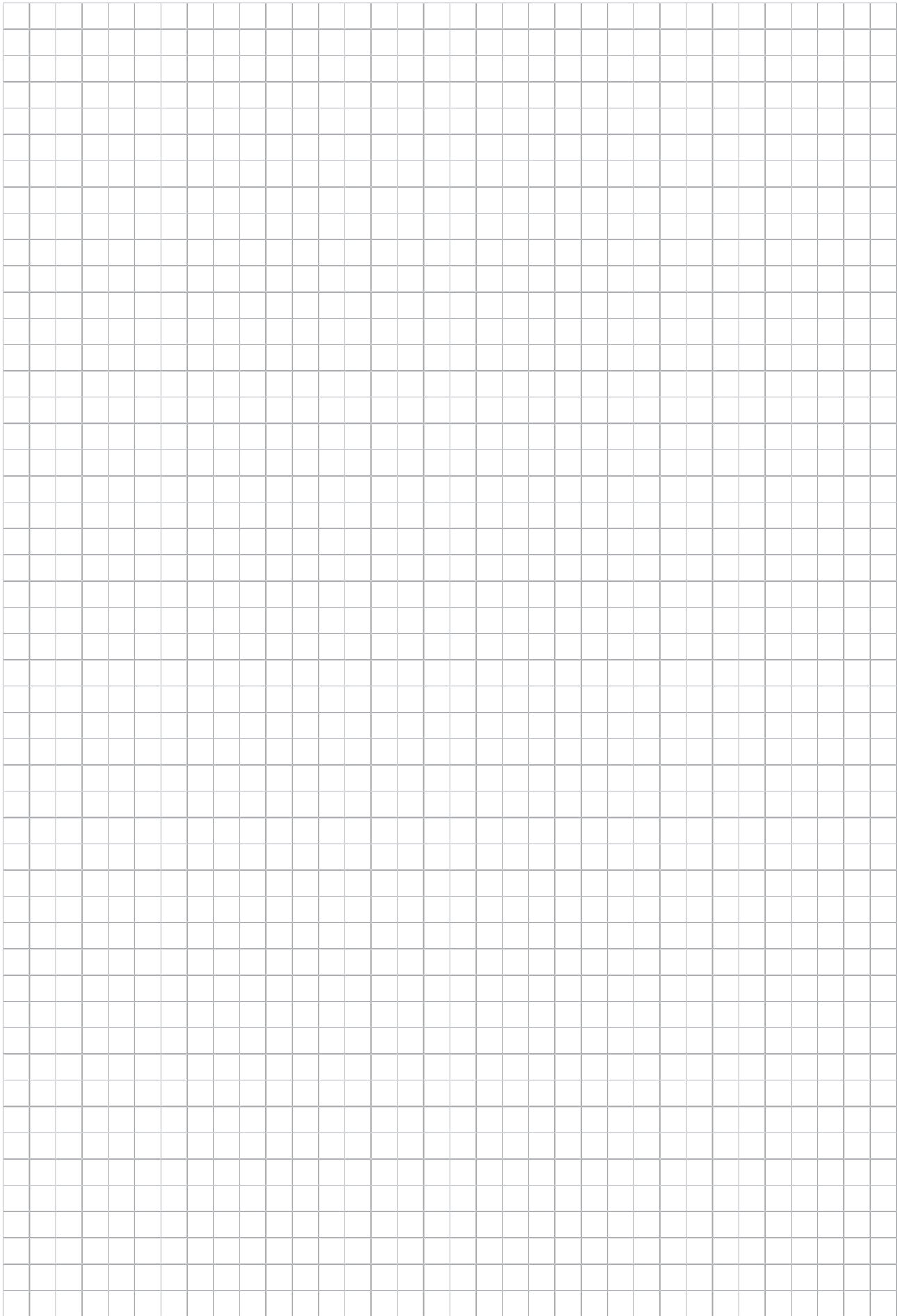
Model identifier	MOVITRAC® LTP-B				
Type	MCLTP-B-0220 – 0450-2A3-4-10				
Performance class		0220	0300	0370	0450
(1) Power loss in % of the apparent output power	0;25	14.70	12.20	12.60	12.90
	0;50	14.10	12.50	13.50	14.00
	0;100	13.40	14.20	16.40	18.60
	50;25	3.40	3.30	3.80	3.90
	50;50	3.40	3.40	3.90	4.00
	50;100	3.60	3.80	4.50	4.90
	90;50	2.70	2.70	2.70	2.80
	90;100	2.60	2.80	3.00	3.30
(1) Power loss in standby	W	12	12	12	12
	%	0.0	0.0	0.0	0.0
(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	35.9	43.8	59.8	71.7
(6) Indicative motor rated power output	kW	22	30	37	45
(7) Rated output current	A	90	110	150	180
(8) Maximum operating temperature	°C	50			
(9) Rated supply frequency	Hz	50 – 60 ± 5 %			
(10) Range of rated supply voltage	V	3 × 200 – 240			

2.9.4 MCLTP-B 0550 – 0750-2A3-4-10

Model identifier	MOVITRAC® LTP-B		
Type	MCLTP-B-0550 – 0750-2A3-4-10		
Performance class		0550	0750
(1) Power loss in % of the apparent output power	0;25	12.90	13.80
	0;50	3.60	14.60
	0;100	16.20	15.80
	50;25	3.50	4.30
	50;50	3.60	4.40
	50;100	4.30	4.40
	90;50	2.70	2.90
	90;100	3.10	3.00
(1) Power loss in standby	W	12	12
	%	0.0	0.0
(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	80.5	98.8
(6) Indicative motor rated power output	kW	55	75
(7) Rated output current	A	202	248
(8) Maximum operating temperature	°C	50	
(9) Rated supply frequency	Hz	50 – 60 ± 5 %	
(10) Range of rated supply voltage	V	3 × 200 – 240	











SEW-EURODRIVE
Driving the world

SEW
EURODRIVE

SEW-EURODRIVE GmbH & Co KG
Ernst-Blickle-Str. 42
76646 BRUCHSAL
GERMANY
Tel. +49 7251 75-0
Fax +49 7251 75-1970
sew@sew-eurodrive.com
→ www.sew-eurodrive.com